June 2015

Phase One Environmental Site Assessment, Silver City Gloucester

Submitted to:
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REPORT

Report Number: 1522569 (10000)

Distribution:

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Golder Associates

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1.0 EXECUTIVE SUMMARY

Golder Associates Ltd. ("Golder") was retained by RioCan Management Inc. ("RioCan") to conduct a Phase One Environmental Site Assessment ("Phase One ESA") of the property located at 2280 and 2300 City Park Drive, Ottawa, Ontario (herein after referred to as the "Site" or "Phase One Property"). RioCan also refers to the Site as 'Silver City Gloucester'.

At the time of the Site reconnaissance, conducted on June 16, 2015, the Site consisted of a 6.4 acre (2.5 hectare) parcel of land developed as commercial units, a restaurant and parking areas. Two buildings were noted on the Phase One Property.

It is understood that the Phase One Property is to be subdivided and redeveloped for residential and/or mixed use purposes. The Site is owned by Riotrin Properties (Gloucester 3) Inc. ("Riotrin").

Based on the aerial photographs, the Phase One Property appears to have included vegetated/forested land until around 1999, at which time it was cleared for development. The surrounding properties primarily included agricultural fields and forested land until 1976 when development in the Study Area is noted. The Study Area is predominately commercial and residential development. Undeveloped land was noted off-Site, immediately west of the Site.

The Phase One ESA was completed in accordance with O.Reg. 153/04 and included a review of available current and historical information on the Site and surrounding properties, a Site walkover, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 9.0 of this report. The Site is not considered an enhanced investigation property as defined by O.Reg. 153/04.

Based on the information obtained and reviewed as part of this Phase One ESA, no potentially contaminating activities ("PCA") or areas of potential environmental concern ("APEC") were identified.

Based on the above, a Phase Two ESA is not required to support submission of a Record of Site Condition ("RSC") for the Site.

2.0 INTRODUCTION

2.1 Phase One Property Information

Golder Associates Ltd. ("Golder") was retained by RioCan Management Inc. ("RioCan") to conduct a Phase One Environmental Site Assessment ("Phase One ESA") of the following property:

Municipal Address	2280 and 2300 City Park Drive, Ottawa, Ontario
Property Identification Number	042640049
Legal Description	PCL 12-1, SEC 4M-648; BLK 12, PL 4M-648; Gloucester. Together with an easement over Parts 1, 2, 3, 4, 5 AND 6 ON 4R14344 as in LT1262428.Subject to an easement in favour of Riotrin Properties (Gloucester 2) Inc. As in LT1262429.

The Site location is provided on Figure 1. A Site plan is provided on Figure 2. A plan of survey for the Site is provided in Appendix A.

Authorization to proceed with this investigation was received from Melissa Cristofoli, Manager of Planning & Development, with RioCan, on April 27, 2015. The contact information for the Site owner is:

Site Owner / Client	Address	Contact Information
RioCan Management Inc.	RioCan Yonge Eglinton Centre 2300 Yonge Street, Suite 500 Toronto, Ontario M4P 1EP	Melissa Cristofoli Office: (416) 643-6678 Email: mcristofoli@riocan.com

3.0 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 Site and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre ("m") radius of the boundary of the Site (collectively referred to as the "Phase One Study Area"). The boundary of the Phase One Study Area is presented in Figure 2.

According to Ontario Regulation ("O.Reg.") 153/04 *Records of Site Condition*, the objectives of a Phase One ESA are to:

1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Site;

2) Determine the need for a Phase Two Environment Site Assessment ("ESA");

3) Provide a basis for carrying out a Phase Two ESA;

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

5) 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.

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Site. Based on Golder's review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the Site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Site was sufficient to achieve the objectives of the Phase One ESA.

4.1.2 First Developed Use Determination

The date of first developed use of the Phase One Property was determined based on review of the aerial photographs, city directories, EcoLog ERIS Report, chain of title and information provided by the Site

Representative A review of the aerial images provided on the GeoOttawa website indicate that the Site was vacant land until about 1999 when it was noted that there appears to be construction activities (earthworks) occurring on the Site to clear the land. The subsequent 2002 aerial image on GeoOttawa shows the Site in the current configuration with the strip mall, restaurant and parking areas. According to the EcoLog ERIS report there are no records of wells on the property.

Based on the available information, the first developed use of the Phase One Property was in the year 2000.

4.1.3 Fire Insurance Plans and Reports

Opta Information Intelligence ("Opta") was contacted by Golder and requested to review their records for any information (i.e., fire insurance plans or reports) relating to the Site. A response was received June 25, 2015 indicating that five inspection reports were available for the Site.

- No fire insurance plans were available for the Site or Study Area;
- Commercial Property Survey Report (2001 Nickels Restaurant), 2300 City Park Drive, Ottawa, Ontario: The building was reported to be constructed in 2001 with an area of 468 m^2. The exterior is brick and the floor is concrete at grade. The roof was reported to be steel deck with tar and gravel cover. Heat was provided by natural gas;
- Inspection Report (2002 Guess Canada Retail Inc.), 2800 City Park Drive, Ottawa, Ontario: The area occupied by Guess was reported to be 446 m^2 and the unit was constructed in 1990. The total area of the building was reported to be approximately 5904 m^2. The roof surface is reported to be flat with steel deck and tar and gravel, masonry walls (stucco over concrete block) and a concrete floor;
- Inspection Report (2004 Nickels Restaurant), 2300 City Park Drive, Gloucester, Ontario: Building was reported to be constructed in 2001 and have an area of 464.5 m^2. The floor construction is concrete, walls are masonry and the roof is flat tar and gravel. Heating and cooling are reported to be gas and there are no heating oil tanks;
- All Risk Report (2009, Nickels Restaurant), 2300 City Park Drive, Gloucester, Ontario: No insurance risk alert issued. The building construction was noted as masonry (non-combustible), built in 1995, with a ground floor area of 446 m^2. Walls were identified as brick with concrete floors and a steel deck rood with tar and gravel. Heating to the restaurant is natural gas forced air; and,
- Risk Basic Survey Report (2012 Fuji Sushi Japanese Restaurant), 2300 City Park Drive, Gloucester, Ontario: Construction of the building is concrete blocks/brick face, with concrete on grade floors. The roof is steel deck. The total area is listed as 594 m^2.

There are no indications of PCAs for the Site reported in the information provided by Opta.

4.1.4 Chain of Title

Chain of title information for the Phase One Property was obtained from Domsons Title Search Inc. The Site was previously comprised of vacant or agricultural land and was not sub-divided in the same manner as it is presently. Thus, two addresses were included in the Chain of Title. Lots 22 and 23, Concession 2, Gloucester were searched and the results are reported below.

Previous owners of the Site have included:

Lot 22, Concession 2, Gloucester

Owner's Name	Dates of Ownership
Crown	Prior to March 8, 1832
Canada Company	March 8, 1932 to March 6, 1841
Willian Phair	March 6, 1841 to March 24, 1841
William Lough	March 24, 1841 to October 31, 1856
James Ogilvie	October 31, 1856 to March 14, 1910
Andrew Ogilvie & John Ogilvie	March 14, 1910 to February 29, 1910*
John Ogilvie	February 29, 1910 to November 6, 1923
The Agricultural Development Board (Mortgagee)	November 6, 1923 to July 15, 1941
Charles Ogilvie	July 15, 1941 to August 18, 1958
Shenkman Properties Limited	August 18, 1958 to August 20, 1998
Riotrin Properties (Gloucester 3) Inc. (Present Owner)	August 20, 1998 to Present
Famous Players Inc. (Lessee)	June 14, 1999 to June 3, 2002
Reitmans (Canada Limited) (Lessee)	June 3, 2002 to December 3, 2014
Reitmans (Canada Limited) (Lessee)	December 3, 2014 to March 23, 2015
Reitmans (Canada Limited) (Lessee)	March 23, 2015 to Present

* Note: The dates are as provided on the chain of title

Lot 23, Concession 2, Gloucester

Owner's Name	Dates of Ownership
Crown	Prior to April 26, 1809
Jane Howe	April 26, 1809 to November 15, 1832
Willian Grier	November 15, 1832 to February 22, 1834
Joseph Johnston	February 22, 1834 to May 1, 1843
Alexis Gravelle	May 1, 1843 to January 3, 1876
Louis Gravelle	January 3, 1876 to April 2, 1907
Francis Gravelle	April 2, 1907 to April 2, 1907
John Ogilvie	April 2, 1907 to November 6, 1923
The Agricultural Development Board (Mortgagee)	November 6, 1923 to July 15, 1941
Charles Ogilvie	July 15, 1941 to August 18, 1958
Shenkman Properties Limited	August 18, 1958 to August 20, 1998
Riotrin Properties (Gloucester 3) Inc. (Present Owner)	August 20, 1998 to Present

Owner's Name	Dates of Ownership
Famous Players Inc. (Lessee)	June 14, 1999 to June 3, 2002
Reitmans (Canada Limited) (Lessee)	June 3, 2002 to December 3, 2014
Reitmans (Canada Limited) (Lessee)	December 3, 2014 to March 23, 2015
Reitmans (Canada Limited) (Lessee)	March 23, 2015 to Present

The current owner (Riotrin Properties) has owned the Phase One Property since August 20, 1998.

4.1.5 City Directories

A review of historical city directories for the years 1961, 1966, 1971, 1976, 1981/82, 1987, 1992, 1996, 2001/02, 2006/06 and 2011 was completed by LGI Copy Services Canada ("LGI") for the Phase One Property and surrounding properties (within 250 m) along City Park Drive, Ogilvie Road, Eugene Street, Ogilvie Walk Crescent and Ambassador Avenue.

Based on Golder's review of the city directory information, the following summarizes the noteworthy findings of the city directory review.

Phase One Property

- The Site was listed Laura Petites Liquidation, Moores, Addition-Elle & AE Sport, Mexx, Let's Celebrate, Bowring, Aldo Shoes, Smart Set, Guess Factory, Old Navy, Sport Mart and Great Canadian in the city directory from 2011;
- The 2005/06 city directories indicated that the Site was listed as Moores, Mexx, Let's Celebrate, Globo21, Liz Claiborne, Sm2, Guess Canada, Old Navy, Sport Mart and Nickel's Restaurant;
- The 2001/02 city directories indicate that the Site was listed as Globo 21, The Goat Club, Addition-Elle Outlet and Party City. 2300 City Park Drive was not listed; and
- The Site was not listed in the city directories from to 1961 to 1996.

Surrounding Area

- In the 2011 city directories City Park Drive (1900 to 2400) was listed as MHPM Project Managers, Nexus Telecom, St. Jean Ambulance, Shapegrabber, Penney Reid Financial, FileMaler, Alliance Insurance and Financial Services, Stilo Corporation, Innovision Consulting, Gentry Capital, Manulife Securities, Smiley's Café, Lexmark Canada, Champlain Local Health Integration Network, Canadian Gymnasitcs Federation and Scotia Bank in the city directories. Ambassador Avenue, Eugene Street and Ogilvie Walk Crescent were listed as all residential. Ogilvie Road (1970 – 1980, even) were listed as Moxie's Classic Grill and a multi-tenant commercial building including a dry-cleaner;
    - It should be noted that 'The Dry Cleaners' is a depot located within the Loblaw's Grocery Store at the Gloucester Shopping Centre and is outside of the Study Area. The Dry Cleaners is also located hydraulically down-gradient from the Site and therefore is not considered a PCA for the Site;
- The 2005/06 city directories indicated that City Park Drive (1900 to 2400) was listed as Shapegrabber, Personal Insurance Company of Canada, Civitas Architecture, Berkshire Investment Group, Stilo

Corporation, Innovision Consulting, Smiley's Café, Bentall Corporation and Telus Mobility. 2400 City Park Drive was not listed. Ambassador Avenue, Eugene Street and Ogilvie Walk Crescent were listed as residential. Ogilvie Road (1970 – 1980, even) were listed as FS Construction and a multi-tenant commercial building (the Gloucester Shopping Centre) including a dry-cleaner. The Gloucester Shopping Centre also includes a Wal-Mart;

- City directories for 2001/02 indicated that 1900 City Park Drive was a multi-tenant commercial unit and that 2400 City Park drive was not listed. Ambassador Avenue, Eugene Street and Ogilvie Walk Crescent were listed as all residential. Ogilvie Road (1970 – 1980, even) were listed as Moxie's Classic Grill and a multi-tenant commercial; and
- Surrounding properties were not listed in the city directories from 1961 to 1996, with the exception of Eugene Street, which was listed as Residential in the city directories from 1976, 1981/82 and 1987.

Potentially Contaminating Activities, are not expected based on the information reviewed in the city directories for the Site and the Study Area. Although a dry cleaning facility was identified nearby, 'The Dry Cleaners' is a depot within the Loblaws grocery store at the Gloucester Centre, which is hydraulically down-gradient of the Site, and is also within a portion of the Loblaw's store that is outside of the Study Area.

4.1.6 Environmental Reports

The following environmental report related to the Site was obtained by Golder:

- "**2010 Phase I Environmental Site Assessment",** Pinchin Environmental, April 12, 2010. *Phase I Environmental Site Assessment, Gloucester Silver City Centre, Ottawa, Ontario (58147),* prepared for RioCan Real Estate Investment Trust.

Based on Golder's review of the 2010 Phase I Environmental Site Assessment, the following are of note for the Site:

- The Phase I included the Site as well as surrounding properties: 2280, 2300, 1525, 2385 and 2401 City Park Drive, and 1750, 1820 and 1880 Ogilvie Road, Ottawa, Ontario;
- The Site was comprised of two buildings:
  - One building was reportedly a mall containing: Smart Set, Old Navy, Sports Mart, Guess, Aldo Outlet, Jacob, Moores Clothing for Men, Bowring, Addition-Elle, Liz Claiborne and Mexx (retail);
  - One building was reportedly a Nickels (restaurant);
- The buildings on-Site were reportedly constructed in 2000 and there are no sub-surface levels. The footprint area of 2280 City Park Drive was reported to be 7,118 m^2 and the footprint of 2300 City Park Drive was 478 m^2;
- Site topography is relatively flat and the groundwater flow direction was reported to be expected to be east towards Green's Creek, located 1.5 km away;
- In general, the Phase I ESA indicated that the Site and surrounding area had been historically occupied by commercial and residential land uses since the 1940's;

- It was noted that there is an in-ground grease trap at 2300 City Park Drive;
- Subsurface soil are expected to be alluvial deposits consisting of stratified gravel, sand, silt and clay; and,
- No APECs were identified and a Phase Two ESA was not recommended.

4.2 Environmental Source Information

Golder contracted EcoLog Environmental Risk Information Services Ltd. ("EcoLog ERIS") to conduct a search of environmental sources, including federal, provincial and private sector databases, for information on the Phase One Property and Study Area. The EcoLog ERIS report is provided in Appendix B. In addition, EcoLog ERIS provided Golder with the following reference maps: Ontario Base Mapping ("OBM") Data and Areas of Natural and Scientific Interest ("ANSI"). These maps are provided in Appendix B.

The databases searches included the following databases:

Anderson's Waste Disposal Sites; Certificates of Approval; Environmental Registry; TSSA Commercial Fuel Oil Tanks; Coal Gasification Plants; TSSA Fuel Storage Tanks; National Defence & Canadian Forces Fuel Storage Tanks, Spills, and Waste Disposal Sites; National PCB Inventory; National Pollutant Release Inventory; Ontario Inventory of PCB Storage Sites; Ontario Regulation 347 Waste Receivers Summary; Record of Site Condition; Retail Fuel Storage Tanks; Private and Retail Fuel Storage Tanks; Ontario Spills; Anderson's Storage Tanks; Waste Disposal Sites – MOE CA Inventory; Waste Disposal Sites – MOE 1991 Historical Approval Inventory; Water Well Information Systems, Databases; Boreholes; and the Ontario Regulation 347 Waste Generators Summary.

No noteworthy records were reported for the Phase One Property.

Noteworthy records reported for the Phase One ESA Study Area (excluding the Phase One Property) included the following:

- Twenty-five (25) borehole records were identified for the Study Area. Borehole records indicate that the subsurface conditions in the area are as predominately topsoil underlain by grey-brown, very stiff, silty clay and grey/brown shale bedrock. Some dense sandy silt till was reported in borehole locations, above the bedrock. There are borehole records for locations along the southern Site boundary, along the OC Transpo line and in the path of the OC Transpo crossing of Highway 174.
- It was reported that seven (7) certificates of approval (C of A) were issued for properties within the Study Area.
  - BCIMC Realty Corporation has two (2) C of A's issued for the Study Area. C of A's include: municipal and private sewage works, issued 6/9/2009 (certificate number 5520-7PDRKH), and a C of A for air, issued 2/2/2007 (certificate number 4969-6X6KFF);
  - Richcraft Home Limited has two (2) C of A's issued for Ogilvie Walk/Ambassador Drive for municipal sewage and municipal water. Both approvals were granted 3/3/2009. The sewage certificate is number 3-0148-99 and water is certificate number 7-0083-99;
  - A C of A for air was issued to the City of Ottawa at 1200 Blair Road on 9/30/2008. The certificate is number 0740-7JYLVL;

- Mr. Gas Limited has a C of A for industrial sewage works, issued 11/19/2004. The certificate number is 5581-66DSY4; and,
- MBNA Canada Bank (1600 James Naismith Drive), certificate number 7488-7HFQJ6, for air was issued 8/14/2008.

- One (1) property within the Study Area was listed in the Environmental Registry database. The record pertains to BCIMC Realty Corporation at 1900 City Park Drive. The record indicates that BCIMC obtained approval in 2006 for discharge into the natural environment for other than water (i.e. air). The EBR registry number is IA06E1008;
- Twenty (20) waste generators records were identified within the Study Area. The waste generators are: Breneck Technical Services, Walmart Canada Corporation, the Katz Group Canada Ltd., Loblaws Companies East, PharmX Rexall Drug Stores Ltd., Zellers Pharmacy, Brookfield Johnson Controls, MBNA Canada Properties Co., Canadian Sport and Fitness, MBNA Canada Bank, WMC-Water Management Consultants Inc., and BCE Mobile Communications Inc.;
  - Waste generator categories include: plumbing, heating and air-conditioning contractors, paint/pigment/coating residues, waste compressed gases, alkaline wastes – other metals, halogenated pesticides, inorganic laboratory chemicals, organic laboratory chemicals, waste oil and lubricants, pharmacies and drug stores, pathological wastes, alkaline solutions – containing other metals and non-metals (not cyanide), aliphatic solvents, other specified inorganics, photoprocessing wastes, petroleum distillates, emulsified oils, and alkaline wastes - heavy metals;
  - Aliphatic solvents are in use at Brookfield Johnson Controls, 1600 James Naismith Drive, which is hydraulically down-gradient of the Site and not expected to represent a PCA;
- One (1) record for the National Pollutant Release Inventory was reported for Bentall Real Estate Services at 1900 City Park Drive (NPRI number 8800001528). The record does not provide details of the volumes of pollutants released;
- It was reported that there are ten (10) records in the Pesticide Register for the Study Area. It was reported that Loblaws, Zellers and Wal-Mart had vendor or limited vendor permits;
- One (1) TSSA Pipeline incident was reported for the Study Area. It was reported that there was a natural gas pipeline incident at 1980 Ogilvie Road on 2012/07/10. There were no details pertaining to the volume released, but it was noted that the strike was caused by insufficient excavation practices;
- There are nine (9) Scott's Manufacturing records for the Study Area, all with addresses at 1900 City Park Drive. Records include:
  - ShapeGrabber Inc. has records for computer and peripheral equipment and manufacturing;
  - Minolta Business Equipment (Canada) Ltd. has records for office and store machinery and equipment wholesaler-distribution. The record indicates the company was established in 1980 and employs 30 people;

- Lexmark Canada Inc. has records for computer, computer peripheral and pre-packaged software wholesale-distribution, office and store machinery and equipment wholesale-distribution and stationary and office supplies wholesale-distribution;
- Gymnastics Canada is listed as a directory and mailing list publisher;
- Konica Minolta has records for office and store machinery and equipment wholesaler-distributors and office equipment; and,
- Nexus Telecom (Americas) Inc. has records for other management consulting services and computer systems design and related services.

- Three (3) Ontario Spills records were identified for the Study Area:
  - A spill occurred at 1980 Ogilvie Road on August 6, 2012 in which 382 kg of Freon (CFC) was released to the air due to an equipment failure. The nature of the impact was air pollution;
  - A spill record for 1980 Ogilvie Road on October 1, 2007 indicates that 20 gal of hydraulic oil was spilled to asphalt and a catch basin. It was noted that the receiving medium was land and water; and,
  - There was a spill at Canadian Waste Services (2385 City Park Drive) in which 3 L of hydraulic oil was spilled to the sewer due to a pipe/hose leak. The receiving medium was reported to be land.
- One (1) Water Well Information System (WWIS) record was identified for the Study Area. The well was constructed in 1963 and was advanced at a property north of the Site. The well was for industrial use. The static water level in the well was reported to be 17 ft (5.18 m).

Based on review of the EcoLog ERIS report, no PCAs were identified in association with the Phase One Property or the Phase One Study Area. All spills reported to the MOECC are assumed to have been cleaned up to meet MOECC standards. Similarly, it is expected that all waste generators identified are disposing of waste as per Ontario Regulation 347 (as amended).

4.2.1 Ministry of the Environment

A Freedom of Information ("FOI") request was submitted to the Ministry of the Environment and Climate Change ("MOECC") by Golder to determine if the MOE has information on historical spills, orders, investigations or prosecutions, waste generation and Certificates of Approval with respect to the Site.

A response was received from the MOE FOI Manager on June 16, 2015. It was reported that there are no records available pertaining to the Site.

4.2.2 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority ("TSSA") maintains records related to registered underground storage tanks ("USTs") for petroleum-related products. The TSSA was contacted to establish the status of the Site and to identify outstanding instructions, incident reports, fuel oil spills or contamination records. On June 8, 2015 TSSA reported via e-mail that there were no records on file pertaining to the Site.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial photographs of the Site and neighbouring properties obtained from LGI for the years 1945 and 1985, as well as GeoOttawa images from 1976, 1999, 2002 and 2014, were reviewed by Golder. Representative photographs were selected for review based on an approximate ten year interval. The information obtained from the aerial photographs was limited by the quality and scale of the available aerial photographs. The earliest aerial photograph available was from 1945.

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

Year	Site	Surrounding Area
1945 (1:15,000)	The Site appears as vegetated lands (possibly forested) south of Ogilvie Road. There does not appear to be any development on the Site.	**North:** Vegetated land. **East:** Vegetated land. **South:** Vegetated land. There is a cleared area south of the Site that appears to be a high-voltage power line corridor. **West:** Vegetated land/agricultural fields.
1976 (GeoOttawa Image)	The Site is densely vegetated with trees and grass.	**North:** Vegetated land (trees). Ogilvie Road appears as a paved multi-lane road. There is a large (possibly industrial/commercial) building located northwest of the Site. **East:** Vegetated land, beyond which is an on/off ramp for the Highway 417. **South:** Vegetated land adjacent to Highway 417, which appears as a multi-land divided highway. Residential development southwest of the Highway has begun. **West:** Vegetated land beyond which appears to be residential development (under construction).
1985 (1:15,000)	The Site appears as forested land. The trees appear to have been cleared in a specific area, which in more recent aerials can be noted as the approximate location of City Park Drive.	**North:** Vegetated land (trees). Ogilvie Road appears as a paved multi-lane road. Continued residential/commercial development north of Ogilvie Road. **East:** Vegetated land, beyond which is an on/off ramp for the Highway 417 and commercial development. **South:** Vegetated land adjacent to Highway 417, which appears as a multi-land divided highway. South of the Highway is residential development with many homes constructed since the 1976 image. There is a baseball field shown south of the Highways (community land use). **West:** Vegetated land, beyond which there is an area showing disturbed land (cleared) and residential development.

Year	Site	Surrounding Area
1999 (GeoOttawa Image)	The Site has been cleared of all vegetation and appears to be graded.	**North:** City Park Drive has been built and the Silver City Theatre has been constructed. There is additional commercial development around the theatre. Beyond the theatre is Ogilvie Road and green space. **East:** The OC Transpo line has been constructed with a station stop and a pedestrian walkway crossing the highway. The Gloucester Centre mall has also been built. **South:** There is a large commercial building and some parkland (baseball field) south of the Highway. **West:** New residential development is occurring (under construction) to the northwest of the Site. The large commercial building at 1900 City Park Drive has been constructed.
2002 (GeoOttawa Image)	The Site has been developed in the configuration noted during the Site Reconnaissance.	**North:** The area south of Ogilvie Road is developed with commercial buildings and parking areas north of the Site. There are townhouse style homes northwest of the Site. There are additional commercial buildings around the theatre. **East:** As per the 1999 aerial image. **South:** As per the 1999 aerial image. **West:** The residential development noted in the 1999 aerial image has been completed along City Park Drive and Ambassador Avenue. There is green space between the Site and the commercial building at 1900 City Park Drive.
2014 (GeoOttawa Image)	As per the 2002 aerial image.	**North:** North of Ogilvie, in the former green space, is a large Government of Canada complex with multiple buildings, surface water and roadways. **East:** As per the 2005 aerial image. **South:** As per the 2002 aerial image. **West:** As per the 2002 aerial image.

Based on the aerial photographs, the Phase One Property appears to have included vegetated/forested land until around 1999, at which time it was cleared for development. The surrounding properties primarily included agricultural fields and forested land until 1976 when development in the Study Area is noted. The Study Area is predominately commercial and residential development. Undeveloped land was noted off-Site, immediately west of the Site. It is possible that construction fill was brought to the Site to grade the area for construction around 1999. There are no indications of PCAs identified in the aerial images reviewed.

4.3.2 Topography, Hydrology and 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 area and the location of any water bodies is provided in Appendix B. Additional information on Site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding areas was generally flat, with the exception that the Site is graded to conduct storm water to catch basins. Surrounding properties are also relatively flat, although they are not all graded similarly.	Site and surrounding area observations
Overburden Soils	Till, plain with local relief, <5m. Twenty-five (25) borehole records were identified for the Study Area in the EcoLog ERIS Report. Borehole records indicate that the subsurface conditions in the area are as predominately topsoil underlain by grey-brown, very stiff, silty clay and grey/brown shale bedrock. Some dense sandy silt till was reported in borehole locations, above the bedrock.	Surficial Geology of Southern Ontario. Ontario Geological Survey 2010, Miscellaneous Release – Data 128-REV, EcoLog ERIS Report
Type of Bedrock	Billings Formation: dark brown to black shale, with laminations of calcareous siltstone.	Bedrock Geology of Ontario. Ontario Geological Survey 2011, Miscellaneous Release – Data 126-Revision 1.
Depth to Bedrock	Drift thickness in the area of the Site is expected to be approximately 0 to 1 and 2 to 3 m. Borehole records identified in the EcoLog ERIS report also indicated depth to bedrock to be approximately 0.5 to 3.2.	Golder Maps (Service Layer Credits: Sources: ESRI, DELORME, HERE, USGS, INTERMAP, INCREMENT P CORP., NRCAN, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), ESRI (THAILAND), TOMTOM), EcoLog ERIS Report
Inferred Near Surface Groundwater Flow	Local and regional groundwater flow is anticipated to flow in a southeasterly direction toward a tributary of the Green's Creek, which is located approximately 1.7 km east of the Site.	The Atlas of Canada 'Toporama' topographic map
Site Grade Relative to the Adjoining Properties	The Site is at grade with the adjacent property to the north, and is above grade of the properties to the east, west and south.	Site observations
Depth to Groundwater	One WWIS record was identified for the Study Area in the EcoLog ERIS Report. The well was constructed in 1963 and was advanced at a property north of the Site. The well was for industrial use. The static water level in the well was reported to be 17 ft (5.18 m).	EcoLog ERIS Report

4.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	Construction fill materials (including granular) are suspected to have been used to build up the Site relative to adjacent properties to the east, south and west and to provide a base material for the slab-on-grade construction of the CRUs and restaurant, as well as the sub-base for the asphalt parking lot. The importation of fill in this situation is not expected to represent a PCA for the Site.	Site observations

4.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	Green's Creek is located approximately 1.7 km east of the Site. Unnamed waterways are shown on the Toporama map to encroach as close as 0.6 km from the Site (from Green's Creek), but these waterways are not shown on other maps.	Google Earth, The Atlas of Canada 'Toporama' topographic map
Areas of Natural Significance ("ANSI")	None identified within the Phase One Study Area. Green's Creek Conservation Area is located more than 1 km beyond the limits of the Phase One Study Area.	Areas of Natural & Scientific Interest Map provided to Golder by EcoLog ERIS.

4.3.5 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)	There are no wells reported on-Site.	EcoLog ERIS Report and 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)	One WWIS record was identified for the Study Area. The well was constructed in 1963 and was advanced at a property north of the Site. The well was for industrial use. The static water level in the well was reported to be 17 ft (5.18 m). An Ontario Groundwater record for a well located north of the northwest Site boundary, from 1963, indicates that there is limestone at 3 mbgs, limestone and shale at 6 mbgs and the static water level was reported at 3 mbgs.	EcoLog ERIS Report and Site observations, Ontario Groundwater database

4.4 Site Operating Records

At the time of the Site visit, the Phase One Property was developed with commercial retail units and a restuarant. No Site operating records were provided to Golder for review.

Topic	Title of the information or document	Information Relevant to the Phase One ESA
Regulatory Permits and Records	Not available	None
Materials Safety Data Sheets (MSDS)	Not available	None
Underground utility drawings	Not available	Not available
Inventory of ASTs and USTs	None on-Site	None
Environmental monitoring data, including data created in response to an order or request of the Ministry	Not Applicable	None
Waste management records, including current and historical waste storage location and waste receiver information maintained by the Ministry	Not Applicable	None
Process, production and maintenance documents related to APECs	Not Applicable	None
Records of spills and records of discharges of contaminants, including records of spills and records of discharges of contaminants of which notice is required to be given to the Ministry under the Act and records of such spills and discharges required to be kept pursuant to O.Reg. 675/98	Not available	None
Emergency response and contingency plans, including spill prevention and contingency plans prepared pursuant to section 91.1 of the Act, and O.Reg. 224/07	Not available	None
Environmental audit reports	Not available	None
A Site plan of the facility	Not available	None

5.0 INTERVIEWS

Mr. Stephen Scott of RioCan (hereinafter referred to as the "Site representative"), responded to a detailed environmental questionnaire on June 15, 2015. Pursuant to the requirements O.Reg. 153/04, the Site representative was interviewed as the "current owner" with knowledge of current Site operations. During the Site Reconnaissance and associated interview there was no information recovered that would represent a PCA for the Site.

Relevant information obtained during the interview and Site visit is provided in the Section 6.0.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Ms. Jillian Lackey (Environmental Consultant) and Mr. Basil Sullivan (Environmental Specialist) of Golder visited the Site for two hours on June 16, 2015 at 10:00 am. Golder staff was accompanied by Stephen Scott of RioCan. The Site visit consisted of a walk-around the Site along with a cursory inspection of surrounding properties from the Site and publicly accessible areas. The weather conditions were cloudy with showers and sunny breaks and the temperature was approximately 28°C. The Site was developed as commercial retail units, a restaurant and parking areas at the time of the Site visit.

Photographs of relevant features noted during the Site visit are provided in Appendix D.

6.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
Structures		
Number and Age of Buildings on the Site	Two buildings were present on the Site: 1. Commercial retail units (CRUs), built 2000 2. Restaurant, built 2000	Site observations, Site Representative, Previous Phase I ESA
General Descriptions of Each Building (including improvements)	Buildings are slab on grade construction. Exposed areas of the CRUs shows that the building has exposed open web steel joists and a steel pan ceiling. The roof structure is steel pan, concrete and tar and gravel. The roof of the restaurant was not accessed at the time of the Site visit.	Site observations
Building Areas	There are two buildings on the Site: 1. CRUs: 7,118 m^2 2. Restaurant: 478 m^2	Site observations, Previous Phase I ESA

Topic	Observations	Source
Number of Floors (include all levels, whether above or below ground)	Each building is one storey.	Site observations
Number, Age, and Depth of Levels Below Ground Level	There are no levels below ground.	Site observations
Number and Details of all Aboveground Storage Tanks (ASTs)	No ASTs were observed or reported on the Phase One Property.	Site observations and Site Representative
Number and Details of all Underground Storage Tanks (USTs)	No USTs were observed or reported on the Phase One Property.	Site observations and Site Representative
Underground Utilities		
Potable and Non-Potable Water Sources	The Site is serviced by City of Ottawa potable water.	Site observations and Site Representative
Utility Lines Present (i.e. Electrical, Natural Gas, other)	No utility drawings are available for the Site. Electrical utilities run underground from a pad mounted transformer on the northern Site boundary. There was no staining reported from the transformer at the time of the Site visit. The transformer is owned and operated by Hydro Ottawa. The Site is serviced by natural gas. Natural gas lines run underground and enter the commercial building at the rear (the south side). The restaurant is also serviced by natural gas.	Site Representative
Sanitary/Process Wastewater Receptor	No sanitary or process wastewater is generated on-Site.	Site observations
Sanitary Sewer Connection	The Site is connected to the City of Ottawa sanitary sewer system.	Site observations, Site representative
Septic Systems	None identified.	Site observations, Site representative
Storm Water Flow	Infiltration on landscaped areas and stormwater catch basins on impermeable surfaces.	Site observations
Storm Sewer Connection	Storm sewer connection is available at the Site and there are catch basins throughout the parking area. It was noted during the Site Reconnaissance that the water in the catch basins appeared clear and no sheen or odour was reported.	Site observations, Site representative

Topic	Observations	Source
Interior of Structures		
Entry and Exit Points for Site Buildings	There are two structures on the Site with multiple entry and exit points. Individual commercial units have a main customer entry door and a back door. Some units also have a bay door for deliveries.	Site observations
Existing and Former Heating System(s) (include fuel type / source)	The site is serviced with natural gas. The primary heating and cooling in the buildings is natural gas powered rooftop units. There are also electrical heating fixtures in some locations. The roof of the restaurant was not accessed at the time of the Site visit, but it was reported that the restaurant is serviced with natural gas.	Site observations, Site representative
Existing and Former Cooling System(s) (include fuel type / source)	All cooling is done with natural gas systems. The rooftop systems provide heating and cooling to the CRUs and the refrigerant is R22. There are 17 heating/cooling units on the CRU building. The roof of the restaurant was not accessed at the time of the Site visit, but it was reported that the restaurant is serviced a roof top cooling unit.	Site observations, Site representative
Drains, Pits, and Sumps (include current use, if any, and former use)	There are floor drains in bathrooms in the CRUs, we well as in the electrical room of that building. There is a drain for the sprinkler system and it was indicated that the drain is used if it is required to drain the sprinkler system. There are also floor drains in the kitchen of the restaurant.	Site observations, Site representative
Unidentified Substances	None identified.	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified.	Site observations

6.2.1 Enhanced Investigation Property

Topic	Observations	Source
Operations at the property, including processing or manufacturing	The Site is used solely for commercial buildings including a restaurant and clothing stores.	Site observations and interview
Hazardous materials used or stored at the Phase one property	None observed or reported.	Site observations and interview

Topic	Observations	Source
Products manufactured at the Phase one property;	None observed or reported.	Site observations and interview
By-products and wastes at the Phase one property	The restaurant generates waste cooking oil, which is collected in grease traps and disposed of by Sanimax.	Site observations and interview
Raw materials handling and storage locations at the Phase one property	None observed or reported.	Site observations and interview
Location and contents of drums, totes and bins at the Phase one property	There are dumpsters on the Phase One property. Dumpsters behind the CRUs are for primarily cardboard recycling, as well as general waste dumpsters. The dumpsters are emptied by Progressive. There is a grease storage bin at the restaurant that is emptied by Sanimax.	Site observations and interview
The location, installation date, source of incoming liquid and effluent discharge location for all oil-water separators	None observed or reported.	Site observations and interview
All vehicle and equipment maintenance areas, including the locations of maintenance, fluid storage, and waste storage areas	None observed or reported.	Site observations and interview
Details of all spills including the dates, locations, materials involved, and volumes of material spilled;	None observed or reported.	Site observations and interview
Details of liquid discharge points such as water and French drains, including their locations	None observed or reported.	Site observations and interview

Topic	Observations	Source
Details of all hydraulic lift equipment at the property, including elevators, in-ground hoists and loading docks	There are hydraulic levelers in the loading bays of some of the CRUs. There was no evidence of spills or leaks at the time of the Site visit.	Site observations and interview

6.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include undeveloped land, residential commercial land uses, as illustrated on Figure 2.

North: The area north of the Site is the Silver City Gloucester Cinemas and associated parking areas. Beyond the cinemas is Chapters, Starbucks, Casey's Grill and Bar and Montana's restaurant and parking areas, which are off of Ogilvie Road.

East: An OC Transpo bus station is located east of the Site and is attached to the Gloucester Centre and Walmart. There is also the OC Transpo Transitway east of the Site, running under Blair Road. Between OC Transpo lanes and roadways there are also landscaped areas.

South: Directly south of the Site is the OC Transpo Transitway (City of Ottawa bus only lanes), beyond which is a vegetated area that borders Highway 174. Highway 174 is a 6 lane divided highway. South of the Highway is residential development, commercial and community land use.

West: On adjacent lands west of the Site is a vacant property. It was noted at the time of the Site visit that there was some standing water on the vacant property. The vacant property is grass and permeable surfaces for surface water infiltration. There is a residential development located directly west and northwest of the Site with semi-detached homes. West of the vacant property is a five storey commercial building with office space and associated parking lot.

6.4 Written Description of Investigation

At the time of the Site reconnaissance, conducted on June 16, 2015, the Site consisted of a 6.4 acre (2.5 hectare) parcel of land developed as commercial retail units (CRUs), a restaurant and parking areas. Two buildings were noted on the Phase One Property. The surrounding properties within the Phase One Study Area included commercial, residential and community land uses.

There were no findings from the Site and area reconnaissance that indicate a PCA on-Site or off-Site. No additional information was obtained relevant to APECs on-Site.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses of the Site

The following summarizes the current and past uses of the Phase One Property:

Table A: Lot 23, Concession 2 from Crown to 1923

Year(s)	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to April 26, 1809	Crown	Undeveloped	Agricultural or other use	No aerial images prior to 1945.
April 26, 1809 to November 15, 1832	Jane Howe	Undeveloped	Agricultural or other use	
November 15, 1832 to February 22, 1834	Willian Grier	Undeveloped	Agricultural or other use	
February 22, 1834 to May 1, 1843	Joseph Johnston	Undeveloped	Agricultural or other use	
May 1, 1843 to January 3, 1876	Alexis Gravelle	Undeveloped	Agricultural or other use	
January 3, 1876 to April 2, 1907	Louis Gravelle	Undeveloped	Agricultural or other use	
April 2, 1907 to April 2, 1907	Francis Gravelle	Undeveloped	Agricultural or other use	
April 2, 1907 to November 6, 1923	John Ogilvie	Undeveloped	Agricultural or other use	
November 6, 1923 to July 15, 1941	The Agricultural Development Board (Mortgagee)	Undeveloped	Agricultural or other use	
July 15, 1941 to August 18, 1958	Charles Ogilvie	Undeveloped	Agricultural or other use	
August 18, 1958 to August 20, 1998	Shenkman Properties Limited	Undeveloped	Agricultural or other use	Aerial images reviewed from 1945 to 1999 show no buildings constructed on the Site (no development).
August 20, 1998 to Present	Riotrin Properties (Gloucester 3) Inc. (Present Owner)	Undeveloped	Agricultural or other use	
June 14, 1999 to June 3, 2002	Famous Players Inc. (Lessee)	Undeveloped	Agricultural or other use	Aerial images from 2000 to present show the Site developed in the configuration
June 3, 2002 to December 3, 2014	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	

December 3, 2014 to March 23, 2015	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	noted during the Site Reconnaissance.
March 23, 2015 to Present	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	

Table B: Lot 22, Concession 2 from Crown to Present

Year(s)	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to March 8, 1832	Crown	Undeveloped	Agricultural or other use	No aerial images prior to 1945.
March 8, 1932 to March 6, 1841	Canada Company	Undeveloped	Agricultural or other use	
March 6, 1841 to March 24, 1841	Willian Phair	Undeveloped	Agricultural or other use	
March 24, 1841 to October 31, 1856	William Lough	Undeveloped	Agricultural or other use	
October 31, 1856 to March 14, 1910	James Ogilvie	Undeveloped	Agricultural or other use	
March 14, 1910 to February 29, 1910*	Andrew Ogilvie & John Ogilvie	Undeveloped	Agricultural or other use	
February 29, 1910 to November 6, 1923	John Ogilvie	Undeveloped	Agricultural or other use	
November 6, 1923 to July 15, 1941	The Agricultural Development Board (Mortgagee)	Undeveloped	Agricultural or other use	
July 15, 1941 to August 18, 1958	Charles Ogilvie	Undeveloped	Agricultural or other use	Aerial images reviewed from 1945 to 1999 show no buildings constructed on the Site (no development).
August 18, 1958 to August 20, 1998	Shenkman Properties Limited	Undeveloped	Agricultural or other use	
August 20, 1998 to Present	Riotrin Properties (Gloucester 3) Inc. (Present Owner)	Undeveloped	Agricultural or other use	Aerial images from 2000 to present show the Site developed in the configuration noted during the Site Reconnaissance.
June 14, 1999 to June 3, 2002	Famous Players Inc. (Lessee)	Undeveloped	Agricultural or other use	

Year(s)	Name of Owner(s)	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
June 3, 2002 to December 3, 2014	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	
December 3, 2014 to March 23, 2015	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	
March 23, 2015 to Present	Reitmans (Canada Limited) (Lessee)	Developed	Commercial use	

* Note: The dates are as provided on the chain of title

Based on the aerial photographs, the Phase One Property appears to have included vegetated/forested land until around 1999, at which time it was cleared for development. The surrounding properties primarily included agricultural fields and forested land until 1976 when development in the Study Area is noted. The Study Area is predominately commercial and residential development. Undeveloped land was noted off-Site, immediately west of the Site. There are no indications that the Phase One Property was used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility.

7.2 Potentially Contaminating Activity

The identification of any PCAs on the Site or in the Phase One Study Area may trigger the need for a Phase Two ESA to support the filing of a Record of Site Condition. Based on the information obtained as part of this Phase One ESA, no PCAs were identified at the Site or in the Phase One Study Area.

7.3 Areas of Potential Environmental Concern

Based on the information obtained as part of this Phase One ESA, no areas of potential environmental concern ("APECs") were identified at the Phase One Property.

7.4 Conceptual Site Model

The following key Site features (as required by O.Reg. 153/04) are presented in Figures 1 and 2:

- Existing buildings and structures;
- Water bodies and areas of natural significance located in the Phase One Study Area;
- Drinking 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; and
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

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

- The Site consisted of a 6.4 acre (2.5 hectare) parcel of land developed as commercial retail units, a restaurant and parking areas. Two buildings were noted on the Phase One Property;
- No water bodies were identified on the Phase One Property. Green's Creek is located approximately 1.7 km east of the Site. Unnamed waterways are shown to encroach as close as 0.6 km from the Site (from Green's Creek). No areas of natural significance were identified on or within the Phase One Study Area;
- One WWIS record was identified for the Study Area in the EcoLog ERIS Report. The well was constructed in 1963 and was advanced at a property north of the Site. The well was for industrial use. The static water level in the well was reported to be 17 ft (5.18 m). An Ontario Groundwater record for a well located north of the northwest Site boundary, from 1963, indicates that there is limestone at 3 mbgs, limestone and shale at 6 mbgs and the static water level was reported at 3 mbgs;
- At the time of the Phase One ESA, the Site was developed with two buildings, which included a multi-tenant commercial building and a restaurant. Historically, the Site was undeveloped since at least 1945. Based on the aerial photographs, the Phase One Property appears to have included vegetated/forested land until around 1999, at which time it was cleared for development. There are no indications that the Phase One Property was used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility;
- At the time of the Phase One ESA, the surrounding properties within the Phase One Study Area consisted of undeveloped land, residential and commercial land uses. There is no indication that surrounding properties in the Phase One Study Area were used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility. 'The Dry Cleaner' depot identified in the Gloucester Shopping Centre Loblaws is located outside the Study Area and is hydraulically down-gradient of the Site. The surrounding properties primarily included agricultural fields and forested land until 1976 when development in the Study Area is noted. The Study Area is predominately commercial and residential development. Undeveloped land was noted off-Site, immediately west of the Site;
- No PCAs were identified in the Phase One Study Area;
- Underground utilities are known to be present at the Phase One Property. There is underground electrical, natural gas, water, sewer and storm water across the Site;
- Soil at the Site consists primarily till, plain with local relief. Bedrock in the Phase One Study Area consists of Billings Formation: dark brown to black shale, with laminations of calcareous siltstone. Drift thickness in the area of the Site is expected to be approximately 2 to 3 m. Twenty-five (25) borehole records were identified for the Study Area in the EcoLog ERIS Report. Borehole records indicate that the subsurface conditions in the area are as predominately topsoil underlain by grey-brown, very stiff, silty clay and grey/brown shale bedrock. Some dense sandy silt till was reported in borehole locations, above the bedrock. There are borehole records for locations along the southern Site boundary, along the OC Transpo line and in the path of the OC Transpo crossing of Highway 174; and,

- Local and regional groundwater flow is anticipated to flow in a southeasterly direction toward a tributary of the Green's Creek, which is located approximately 1.7 km east of the Site.

7.4.1 Uncertainty and Absence of Information

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

8.0 CONCLUSIONS

8.1 Need for a Phase Two ESA

Based on the information obtained and reviewed as part of this Phase One ESA, no APECs were identified in association with the Site. Accordingly, a Phase Two ESA is not required to support the submission of a RSC for the Site.

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

As indicated above, no APECs were identified in association with the Site. There are no indications that the Phase One Property or neighbouring properties in the Phase One Study Area were used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility. Accordingly the Phase One Property is suitable for any of the property uses listed in subsection 1(2) of the regulation.

9.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Canadian Standards Association Document Z768-01 'Phase One – Environmental Site Assessments'	November 2001
Ontario Base Mapping ("OBM"), Ontario Ministry of Natural Resources – obtained by EcoLog ERIS	June 12, 2015
Bedrock Geology of Ontario, Ontario Geological Survey 2011. Miscellaneous Release – Data 126-Revision 1. 1:250,000.	2011
The Surficial Geology of Southern Ontario, Ontario Geological Survey 2010. Miscellaneous Release – Data 128-REV. 1:50,000.	2010
Area of Natural & Scientific Interest (ANSI), Ontario Ministry of Natural Resources – obtained by EcoLog ERIS	June 12, 2015
Aerial Photographs – obtained by LGI on behalf of Golder.	1945, 1985
GeoOttawa Images, reviewed online.	1976, 1999, 2002, 2014
Fire Insurance Plan, Property Underwriters' Plans and Reports, obtained by Opta on behalf of Golder.	June 25, 2015
City Directories, obtained by LGI on behalf of Golder.	1961, 1966, 1971, 1976, 1981/82, 1987, 1992, 1996, 2001/02, 2006/06 and 2011

Source	Date
EcoLog Environmental Risk Information Services	June 12, 2015
Chain of Title, obtained by Domsons Title Search Inc.	July 9, 2015
Regulatory response from the Ministry of the Environment and Climate Change	June 12, 2015
Previous Environmental Reports	Pinchin Environmental (April 12, 2010)

10.0 LIMITATIONS AND USE OF REPORT

This report (the "Report") was prepared for the exclusive use of RioCan Management Inc. for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. ("Golder") has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept 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, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder's assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions of Golder's proposal. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and 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.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

11.0 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.

12.0 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.

Report Signature Page

GOLDER ASSOCIATES LTD.

LICENSED PROFESSIONAL ENGINEER
E. D. WILSON
Jun 30/2015
PROVINCE OF ONTARIO

Jillian Lackey, M.A.Sc., E.I.T.
Environmental Consultant

Eric Wilson, P.Eng., PMP
Associate - Senior Project Manager, QPESA

JL/EDW/lb

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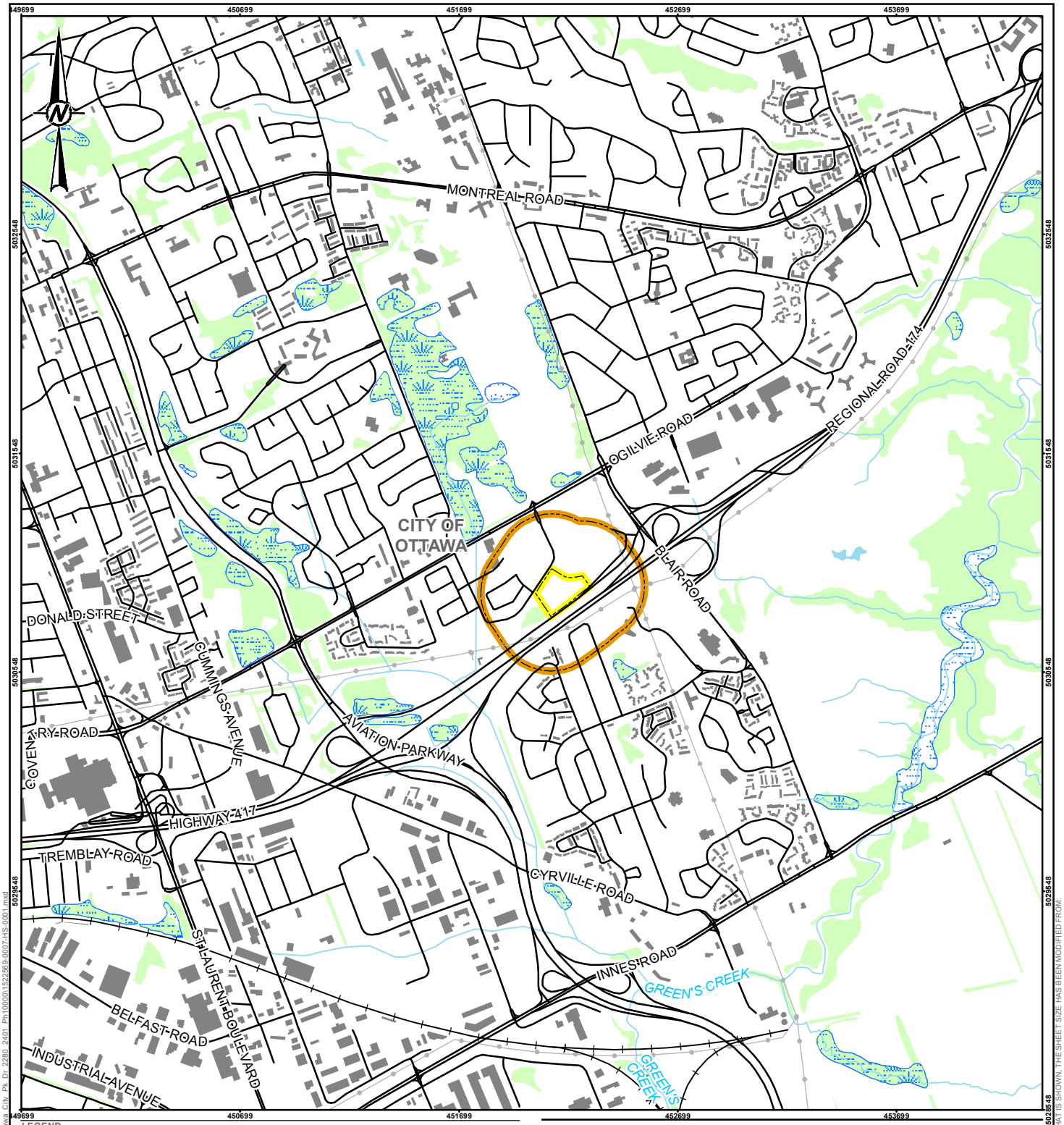
FIGURES



LEGEND

- RAILWAY
- ROAD
- UTILITY LINE
- WATERCOURSE
- APPROXIMATE SITE BOUNDARY
- PHASE ONE STUDY AREA (250 METRE RADIUS)
- BUILDING
- MUNICIPAL BOUNDARY
- WATERBODY
- WETLAND
- WOODED AREA

0 500 1,000

1:25,000 METRES

REFERENCE(S)

BASE DATA - MNR LIO, OBTAINED 2015
PRODUCED BY GOLDER ASSOCIATES LTD UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2015
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 18N

CLIENT
RIOCAN MANAGEMENT INC.

PROJECT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
2280 & 2401 CITY PARK DRIVE, OTTAWA, ONTARIO

TITLE
KEY PLAN

CONSULTANT

Golder Associates

YYYY-MM-DD	2015-06-15
DESIGNED	JT
PREPARED	JT
REVIEWED	JL
APPROVED	EW

PROJECT NO.	CONTROL	REV.	FIGURE
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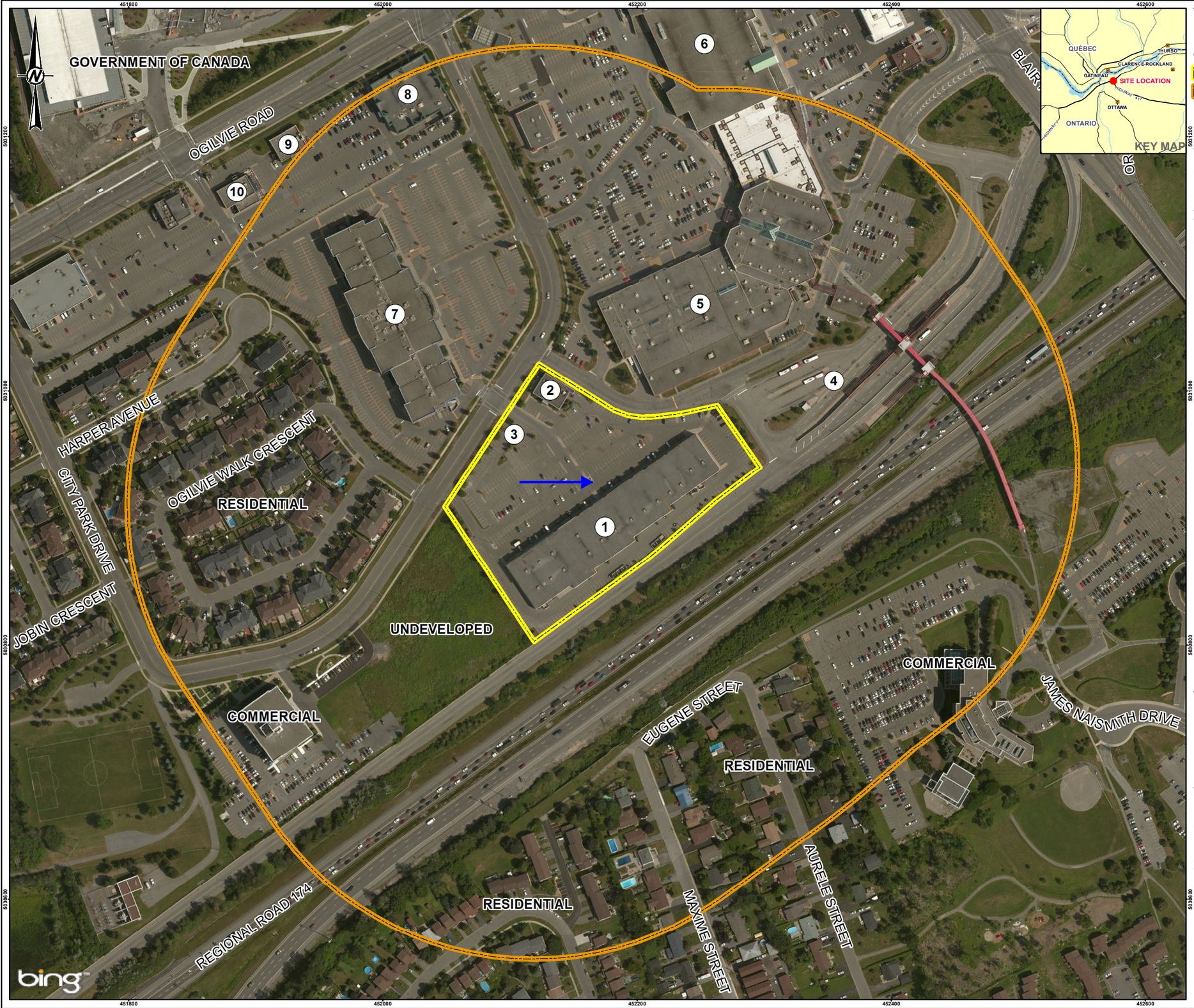


LEGEND

- (1) ON-SITE/OFF-SITE FEATURE
- EXPECTED GROUNDWATER FLOW DIRECTION
- APPROXIMATE SITE BOUNDARY
- PHASE ONE STUDY AREA (250 METRE RADIUS)

ON-SITE FEATURES

1. 2280 CITY PARK DRIVE - COMMERCIAL RETAIL UNITS
2. 2300 CITY PARK DRIVE - RESTAURANT
3. PAD-MOUNTED TRANSFORMER

OFF-SITE FEATURES

4. OC TRANSPO TRANSITWAY AND BUS STATION
5. 1980 OGLIVIE ROAD - GLOUCESTER CENTRE MALL
6. 1980 OGLIVIE ROAD - LOBLAWS
7. 2385 CITY PARK DRIVE - SILVER CITY THEATRE
8. 2401 CITY PARK DRIVE - CHAPTER'S BOOK STORE
9. 1880 OGLIVIE ROAD - CASEY'S RESTAURANT
10. 1750 OGLIVIE ROAD - MONTANA'S RESTAURANT

0 100 200
1:3,000 METRES

REFERENCE(S)

BASE DATA - ATLAS OF CANADA, NATURAL RESOURCES CANADA, 2011. MNR LIO, OBTAINED 2015. PRODUCED BY GOLDER ASSOCIATES LTD UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2015
BASE IMAGERY - MICROSOFT BING ©2015 MICROSOFT CORPORATION AND ITS DATA SUPPLIERS.
PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 18N

CLIENT
RIOCAN MANAGEMENT INC.

PROJECT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
2280 & 2401 CITY PARK DRIVE, OTTAWA, ONTARIO

TITLE
PHASE ONE PROPERTY AND PHASE ONE STUDY AREA

CONSULTANT
Golder Associates

YYYY-MM-DD	2015-06-15
DESIGNED	JT
PREPARED	JT
REVIEWED	JL
APPROVED	EW

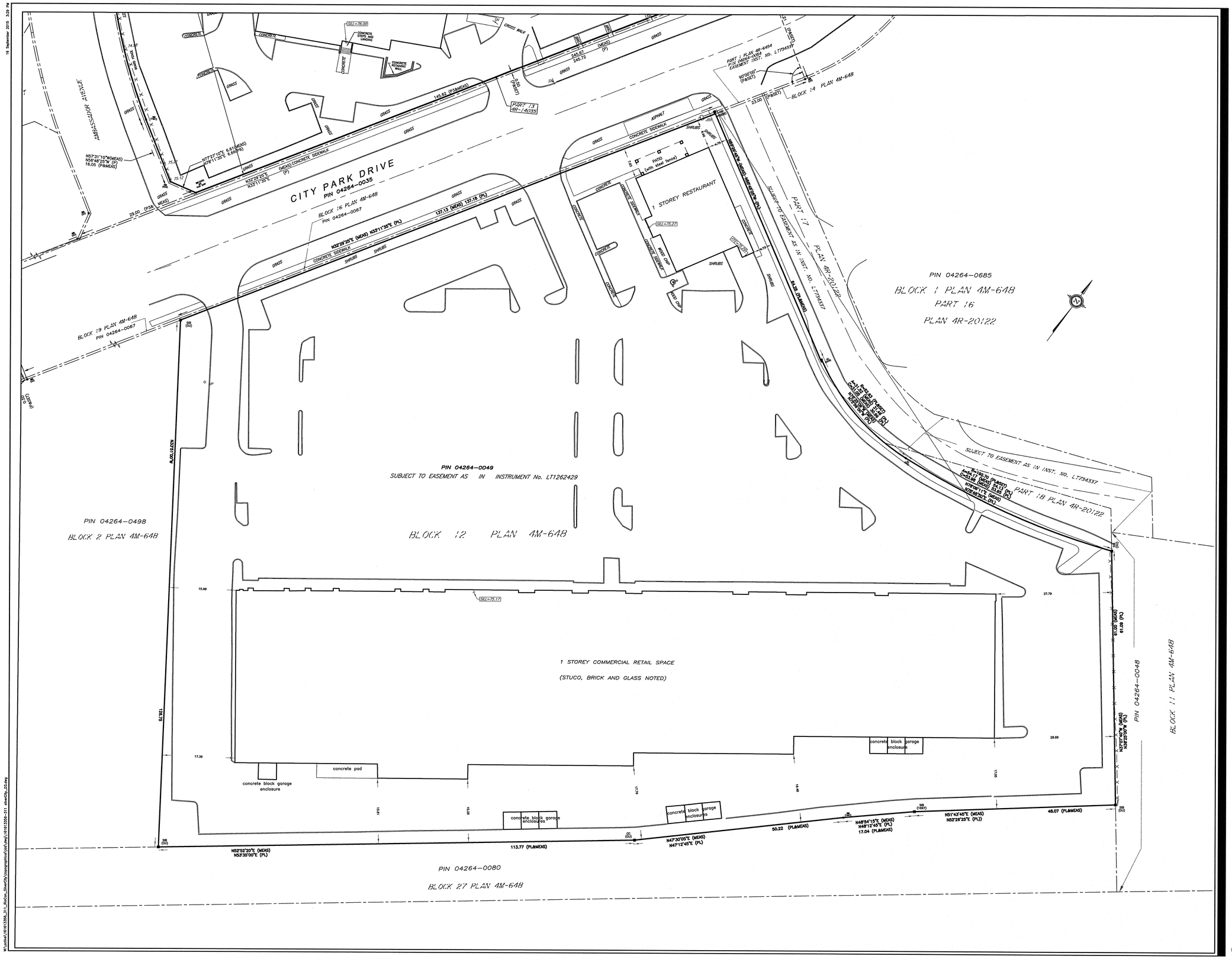
PROJECT NO.	CONTROL	REV.	FIGURE
1522569 (10000)			2

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

S:\Clients\RIOCAN\Canada\9\9_PROJ\1522569_ESA40_PROD\0007_Phase I_ON_Ottawa_City_Pk_Dr_2280_2401_Ph1\00\1522569-0007-HS-0012.mxd

APPENDIX A

Plan of Survey



Stantec

Stantec Geomatics Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

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ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
1937262

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR
In accordance with Regulation 1026, Section 29(3)

PLAN OF SURVEY of
BLOCK 12
REGISTERED PLAN 4M-648

CITY OF OTTAWA

Scale 1:400

3 0 10 20 30 METRES

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

BEARING NOTE
BEARINGS ARE GRID, DRIVED FROM CAN-NET 3.0 REAL TIME NETWORK GNSS OBSERVATIONS, AND ARE REFERENCED CAN-NET BASE STATION OTTAWA AND CITY OF OTTAWA CONTROL MONUMENT 2011-0007, MTM ZONE 9, NAD 83 (ORIGINAL).

STATION	NORTHING	EASTING
OTTAWA	5 026 864.640	372 181.282
2011-0007	5 032 961.358	374 628.481

DISTANCES ON THIS PLAN ARE GROUND AND MAY BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.9999475.

VERTICAL DATUM NOTE
ELEVATIONS ARE OF GEODETIC ORIGIN AND ARE DERIVED FROM CONTROL MONUMENT 00119850504 LOCATED ON THE BLAIR ROAD OVERPASS OF HIGHWAY 178, 4.2 KM SOUTHWEST OF ROCKCLIFFE PARKWAY OVERPASS, 2.2M NORTH OF THE SOUTH END, 21 CM WEST OF A 1 METRE HIGHT CONCRETE END WALL FOR A GUARDRAIL, SLIGHTLY ABOVE BLAIR ROAD LEVEL HAVING AN ELEVATION OF 81.197 METRES.

LEGEND

	DENOTES	
■		FOUND MONUMENTS
□	"	SET MONUMENTS
IB	"	IRON BAR
IBØ	"	ROUND IRON BAR
SIB	"	STANDARD IRON BAR
SSIB	"	SHORT STANDARD IRON BAR
CC	"	CUT CROSS
CP	"	CONCRETE PIN
BM	"	BENCHMARK
CM	"	CONCRETE MONUMENT
HCM	"	HORIZONTAL CONTROL MONUMENT
NW	"	NAIL AND WASHER
PKN	"	PK NAIL
VCM	"	VERTICAL CONTROL MONUMENT
WIT	"	WITNESS
PIN	"	PROPERTY IDENTIFICATION NUMBER
MEAS	"	MEASURED
PROP	"	PROPORTIONED
OU	"	ORIGIN UNKNOWN
SG	"	STANTEC GEOMATICS LTD.
AOG	"	ANNIS O'SULLIVAN VOLLEBEKK LTD.
1697	"	H.A. SHIPMAN SURVEYING LTD.
(PL)	"	REGISTERED PLAN 4M-648

SURVEYOR'S CERTIFICATE
I CERTIFY THAT :
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE 3rd DAY OF SEPTEMBER, 2015.

Sept 16/15
DATE

BRIAN J. WEBSTER
ONTARIO LAND SURVEYOR

DRAWN: DW CHECKED: BW PM: BW FIELD: ES PROJECT No.: 161613356-310

16 September 2015 3:09 PM

W:\active\161613356_311_RioCrm_SteerCity\cogo\plots\1x1x1\dwg\161613356-311 sheet2ap_03.dwg

APPENDIX B

EcoLog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICE

DATABASE REPORT

Project Property:	*1522569* *2280 City Park Dr Ottawa On* *Ottawa ON*
P.O. Number	
Report Type:	*Quote - Custom-Build Your Own Report*
Order #:	*20150608032*
Requested by:	*Golder Associates Ltd.*
Date:	*June 12, 2015*

Ecolog ERIS Ltd.
Environmental Risk Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:	*1522569* *2280 City Park Dr Ottawa On Ottawa ON*
P.O. Number:	

Order Information:

Order No.:	*20150608032*
Date Requested:	*15/06/2015*
Requested by:	*Golder Associates Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	25	25
CA	Certificates of Approval	Y	0	7	7
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	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
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	7	7
EIIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired 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
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	20	20
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	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 Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
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	1	1
OGW	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	10	10
PINC	TSSA Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	9	9
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
		Total:	0	85	85

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding *Properties*

Map Key	*DB*	*Company/Site Name*	*Address*	*Dir/Dist m*	*Elev diff m*	*Page Number*
1	BORE		ON	SSE/6.0	74.00	19
2	BORE		ON	ESE/8.6	74.96	19
3	BORE		ON	E/7.9	75.00	20
4	BORE		ON	SSW/4.3	73.00	20
5	BORE		ON	ENE/16.9	75.86	21
6	BORE		ON	SSW/47.7	72.00	21
7	CA	bcIMC Realty Corporation	1900 City Park Dr Ottawa ON	SW/71.5	72.00	22
7	CA	BCIMC Realty Corporation	1900 City Park Drive Ottawa ON	SW/71.5	72.00	22
7	EBR	BCIMC Realty Corporation	1900 City Park Drive Ottawa ON	SW/71.5	72.00	23
7	EHS		1900 City Park Drive Ottawa ON	SW/71.5	72.00	23
7	GEN	Breneck Technical Services	1900 City Park Drive Ottawa ON	SW/71.5	72.00	23
8	EHS		Blair Business Park Phase II, Gloucester City Park Ottawa ON	SW/79.0	72.00	23
9	BORE		ON	NW/98.1	74.00	23
9	WWIS		lot 23 con 2 ON	NW/98.1	74.00	24
10	BORE		ON	ENE/44.7	76.20	24
11	CA	RICHCRAFT HOMES LIMITED	OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	WNW/91.1	73.00	25

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
11	CA	RICHCRAFT HOMES LIMITED	OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	WNW/91.1	73.00	25
12	EHS		1525, 2280, 2300, 2385, 2401 City Park Drive 1750, 1820, 1880 Ogilvie Road Ottawa ON	NW/117.5	74.00	26
13	CA	City of Ottawa	1200 Blair Road Ottawa ON	ENE/85.7	77.00	26
14	BORE		ON	SW/106.5	71.00	26
15	BORE		ON	ENE/86.4	77.00	27
16	PES	LOBLAWS GARDEN MARKET	1900 OGILVIE ROAD GLOUCESTER ON K1J 7P4	NW/140.9	75.00	27
17	BORE		ON	ENE/129.0	78.00	27
18	BORE		ON	SSW/135.8	71.00	28
19	BORE		ON	ENE/127.4	77.79	28
20	BORE		ON	ENE/133.6	77.00	29
21	CA	Mr. Gas Limited	1980 Ogilvie Road Ottawa ON	NNE/198.1	76.07	29
21	EHS		1980 Ogilvie Road Ottawa ON	NNE/198.1	76.07	29
21	GEN	Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	NNE/198.1	76.07	30
21	GEN	THE KATZ GROUP CANADA LTD	PHARMA PLUS #1156 1980 OGILVIE ROAD GLOUCESTER ON K1J 9L3	NNE/198.1	76.07	30
21	GEN	LOBLAWS COMPANIES EAST	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	NNE/198.1	76.07	30
21	GEN	PHARMX REXALL DRUG STORES LTD.	1980 OGILVIE ROAD GLOUCESTER ON K1J 9L3	NNE/198.1	76.07	31
21	GEN	Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	NNE/198.1	76.07	31
21	GEN	Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	NNE/198.1	76.07	31
21	PES	ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	NNE/198.1	76.07	31

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
21	PES	ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	NNE/198.1	76.07	32
21	PES	ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	NNE/198.1	76.07	32
21	PES	LOBLAWS SUPERMARKET #1051	1980 OGILVIE RD OTTAWA ON K1J9L3	NNE/198.1	76.07	32
21	PINC		1980 Ogilvie Road, Ottawa ON	NNE/198.1	76.07	32
21	SPL		1980 Oglivie Rd. Ottawa ON	NNE/198.1	76.07	33
21	SPL		1980 Ogilve Rd, Gloucester Ottawa ON	NNE/198.1	76.07	33
22	BORE		ON	SW/167.4	71.00	33
23	BORE		ON	ENE/147.7	76.37	34
24	BORE		ON	E/153.7	76.00	35
25	EHS		1980 Ogilvie Rd Ottawa ON K1J 9L3	NNE/214.4	77.00	35
25	GEN	ZELLERS PHARMACY	1980 OGILVIE ROAD, UNIT 171 OTTAWA ON K1J 9L3	NNE/214.4	77.00	35
25	PES	WAL MART CANADA CORP STORE # 1158	1980 OGILVIE RD OTTAWA ON K1J 9L3	NNE/214.4	77.00	36
25	PES	LOBLAWS SUPERMARKET LTD STORE #1051	1980 OGILVIE RD OTTAWA ON K1J 9L3	NNE/214.4	77.00	36
25	PES	LOBLAWS SUPERMARKETS LIMITED	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	NNE/214.4	77.00	36
25	PES	LOBLAWS SUPERMARKETS LIMITED	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	NNE/214.4	77.00	36
25	PES	LOBLAWS SUPERMARKET #1051	1980 OGILVIE RD OTTAWA ON K1J 9L3	NNE/214.4	77.00	36
26	BORE		ON	E/158.0	76.00	36
27	CA	MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	ESE/208.8	75.00	37
27	GEN	Brookfield Johnson Controls	1600 James Naismith Dr. Ottawa ON	ESE/208.8	75.00	38

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
27	GEN	Brookfield Johnson Controls	1600 James Naismith Dr. Ottawa ON	ESE/208.8	75.00	38
27	GEN	MBNA Canada Properties Co.	1600 James Naismith Dr Ottawa ON	ESE/208.8	75.00	38
27	GEN	MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	ESE/208.8	75.00	38
27	GEN	CANADIAN SPORT AND FITNESS	1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4	ESE/208.8	75.00	39
27	GEN	CANADIAN SPORT & FITNESS 07-676	ADMINISTRATION CENTRE INC. PRINTING DEPT., 1600 JAMES NAISMITH DR GLOUCESTER ON K1B 5N8	ESE/208.8	75.00	39
27	GEN	MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	ESE/208.8	75.00	39
27	GEN	CANADIAN SPORT & FITNESSADMIN CTR INC	1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4	ESE/208.8	75.00	40
28	GEN	MBNA Canada Properties Co.	1600 James Naismith Dr Ottawa ON K1B 5N8	ESE/194.1	75.00	40
28	GEN	WMC-Water Management Consultants Inc	1600 James Naismith Drive Ottawa ON K1B 5N8	ESE/194.1	75.00	40
29	EHS		1900 City Park Drive Ottawa ON K1J 1A3	WSW/206.8	72.00	40
29	GEN	BCE MOBI(OUT OF BUSINESS) INC.	BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	WSW/206.8	72.00	41
29	GEN	BCE MOBILE COMMUNICATIONS INC.	BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	WSW/206.8	72.00	41
29	NPRI	Bentall Real Estate Services	1900 City Park Drive Ottawa ON K1J1A3	WSW/206.8	72.00	41
29	SCT	ShapeGrabber Inc.	1900 City Park Dr Suite 304 Gloucester ON K1J 1A3	WSW/206.8	72.00	41
29	SCT	Minolta Business Equipment (Canada) Ltd.	1900 City Park Dr Unit 100 Gloucester ON K1J 1A3	WSW/206.8	72.00	42
29	SCT	Lexmark Canada Inc.	1900 City Park Dr Suite 500 Ottawa ON K1J 1A3	WSW/206.8	72.00	42
29	SCT	Gymnastics Canada	1900 City Park Dr Suite 120 Gloucester ON K1J 1A3	WSW/206.8	72.00	42
29	SCT	Konica Minolta Bus Solutions	1900 City Park Dr Unit 100 Gloucester ON K1J 1A3	WSW/206.8	72.00	42
29	SCT	MINOLTA BUSINESS EQUIPMENT	1900 CITY PARK DR SUITE 100 GLOUCESTER ON K1J 1A3	WSW/206.8	72.00	43

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
29	SCT	Gymnastics Canada	1900 City Park Dr Suite 120 Ottawa ON K1J 1A3	WSW/206.8	72.00	43
29	SCT	Lexmark Canada Inc.	1900 City Park Dr Suite 500 Gloucester ON K1J 1A3	WSW/206.8	72.00	43
29	SCT	Nexus Telecom (Americas) Inc.	1900 City Park Dr Suite 512 Gloucester ON K1J 1A3	WSW/206.8	72.00	43
30	BORE		ON	ENE/176.0	78.00	44
31	BORE		ON	E/173.3	75.00	44
32	BORE		ON	E/184.1	75.00	45
33	BORE		ON	E/199.1	75.00	45
34	BORE		ON	ENE/208.6	78.80	46
35	BORE		ON	NE/212.3	79.00	46
36	EHS		2385 City Park Dr. Ottawa ON K1J 1G1	NNW/237.9	76.00	47
36	SPL	CANADIAN WASTE SERVICES	2385 CITY PARK DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1J 1G1	NNW/237.9	76.00	47
37	BORE		ON	ENE/231.1	78.00	47

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 25 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
	ON	6.0	1
	ON	8.6	2
	ON	7.9	3
	ON	4.3	4
	ON	16.9	5
	ON	47.7	6
	ON	98.1	9
	ON	44.7	10
	ON	106.5	14
	ON	86.4	15
	ON	129.0	17
	ON	135.8	18
	ON	127.4	19
	ON	133.6	20
	ON	167.4	22
	ON	147.7	23
	ON	153.7	24
	ON	158.0	26
	ON	176.0	30

Site	Address	Distance m	Map Key
	ON	173.3	31
	ON	184.1	32
	ON	199.1	33
	ON	208.6	34
	ON	212.3	35
	ON	231.1	37

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 7 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
bcIMC Realty Corporation	1900 City Park Dr Ottawa ON	71.5	7
BCIMC Realty Corporation	1900 City Park Drive Ottawa ON	71.5	7
RICHCRAFT HOMES LIMITED	OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	91.1	11
RICHCRAFT HOMES LIMITED	OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	91.1	11
City of Ottawa	1200 Blair Road Ottawa ON	85.7	13
Mr. Gas Limited	1980 Ogilvie Road Ottawa ON	198.1	21
MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	208.8	27

EBR - Environmental Registry

A search of the EBR database, dated 1994-May 2015 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
BCIMC Realty Corporation	1900 City Park Drive Ottawa ON	71.5	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2014 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
	1900 City Park Drive Ottawa ON	71.5	7
	Blair Business Park Phase II, Gloucester City Park Ottawa ON	79.0	8
	1525, 2280, 2300, 2385, 2401 City Park Drive 1750, 1820, 1880 Ogilvie Road Ottawa ON	117.5	12
	1980 Ogilvie Road Ottawa ON	198.1	21
	1980 Ogilvie Rd Ottawa ON K1J 9L3	214.4	25
	1900 City Park Drive Ottawa ON K1J 1A3	206.8	29
	2385 City Park Dr. Ottawa ON K1J 1G1	237.9	36

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 2014 has found that there are 20 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
Breneck Technical Services	1900 City Park Drive Ottawa ON	71.5	7
THE KATZ GROUP CANADA LTD	PHARMA PLUS #1156 1980 OGILVIE ROAD GLOUCESTER ON K1J 9L3	198.1	21
LOBLAWS COMPANIES EAST	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	198.1	21
Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	198.1	21
Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	198.1	21
Walmart Canada Corp.	1980 OGILVIE ROAD Ottawa ON	198.1	21
PHARMX REXALL DRUG STORES LTD.	1980 OGILVIE ROAD GLOUCESTER ON K1J 9L3	198.1	21
ZELLERS PHARMACY	1980 OGILVIE ROAD, UNIT 171 OTTAWA ON K1J 9L3	214.4	25
CANADIAN SPORT & FITNESSADMIN CTR INC	1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4	208.8	27
MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	208.8	27
CANADIAN SPORT & FITNESS 07-676	ADMINISTRATION CENTRE INC. PRINTING DEPT., 1600 JAMES NAISMITH DR	208.8	27

Site	Address	Distance m	Map Key
	GLOUCESTER ON K1B 5N8		
CANADIAN SPORT AND FITNESS	1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4	208.8	27
MBNA Canada Bank	1600 James Naismith Dr Ottawa ON	208.8	27
MBNA Canada Properties Co.	1600 James Naismith Dr Ottawa ON	208.8	27
Brookfield Johnson Controls	1600 James Naismith Dr. Ottawa ON	208.8	27
Brookfield Johnson Controls	1600 James Naismith Dr. Ottawa ON	208.8	27
WMC-Water Management Consultants Inc	1600 James Naismith Drive Ottawa ON K1B 5N8	194.1	28
MBNA Canada Properties Co.	1600 James Naismith Dr Ottawa ON K1B 5N8	194.1	28
BCE MOBILE COMMUNICATIONS INC.	BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	206.8	29
BCE MOBI(OUT OF BUSINESS) INC.	BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	206.8	29

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-2013 has found that there are 1 NPRI site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
Bentall Real Estate Services	1900 City Park Drive Ottawa ON K1J1A3	206.8	29

PES - Pesticide Register

A search of the PES database, dated 1988-Jun 2013 has found that there are 10 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
LOBLAWS GARDEN MARKET	1900 OGILVIE ROAD GLOUCESTER ON K1J 7P4	140.9	16
LOBLAWS SUPERMARKET #1051	1980 OGILVIE RD OTTAWA ON K1J9L3	198.1	21
ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	198.1	21
ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	198.1	21

Site	Address	Distance m	Map Key
ZELLERS STORE #289 - GLOUCESTER CENTRE	1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	198.1	21
WAL MART CANADA CORP STORE # 1158	1980 OGILVIE RD OTTAWA ON K1J 9L3	214.4	25
LOBLAWS SUPERMARKET #1051	1980 OGILVIE RD OTTAWA ON K1J 9L3	214.4	25
LOBLAWS SUPERMARKETS LIMITED	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	214.4	25
LOBLAWS SUPERMARKETS LIMITED	1980 OGILVIE ROAD OTTAWA ON K1J 9L3	214.4	25
LOBLAWS SUPERMARKET LTD STORE #1051	1980 OGILVIE RD OTTAWA ON K1J 9L3	214.4	25

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated June 2009-2014 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
	1980 Ogilvie Road, Ottawa ON	198.1	21

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011 has found that there are 9 SCT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
Nexus Telecom (Americas) Inc.	1900 City Park Dr Suite 512 Gloucester ON K1J 1A3	206.8	29
Gymnastics Canada	1900 City Park Dr Suite 120 Ottawa ON K1J 1A3	206.8	29
Lexmark Canada Inc.	1900 City Park Dr Suite 500 Ottawa ON K1J 1A3	206.8	29
Minolta Business Equipment (Canada) Ltd.	1900 City Park Dr Unit 100 Gloucester ON K1J 1A3	206.8	29
ShapeGrabber Inc.	1900 City Park Dr Suite 304 Gloucester ON K1J 1A3	206.8	29
Lexmark Canada Inc.	1900 City Park Dr Suite 500 Gloucester ON K1J 1A3	206.8	29
Gymnastics Canada	1900 City Park Dr Suite 120 Gloucester ON K1J 1A3	206.8	29
Konica Minolta Bus Solutions	1900 City Park Dr Unit 100 Gloucester ON K1J 1A3	206.8	29

Site	Address	Distance m	Map Key
MINOLTA BUSINESS EQUIPMENT	1900 CITY PARK DR SUITE 100 GLOUCESTER ON K1J 1A3	206.8	29

SPL - Ontario Spills

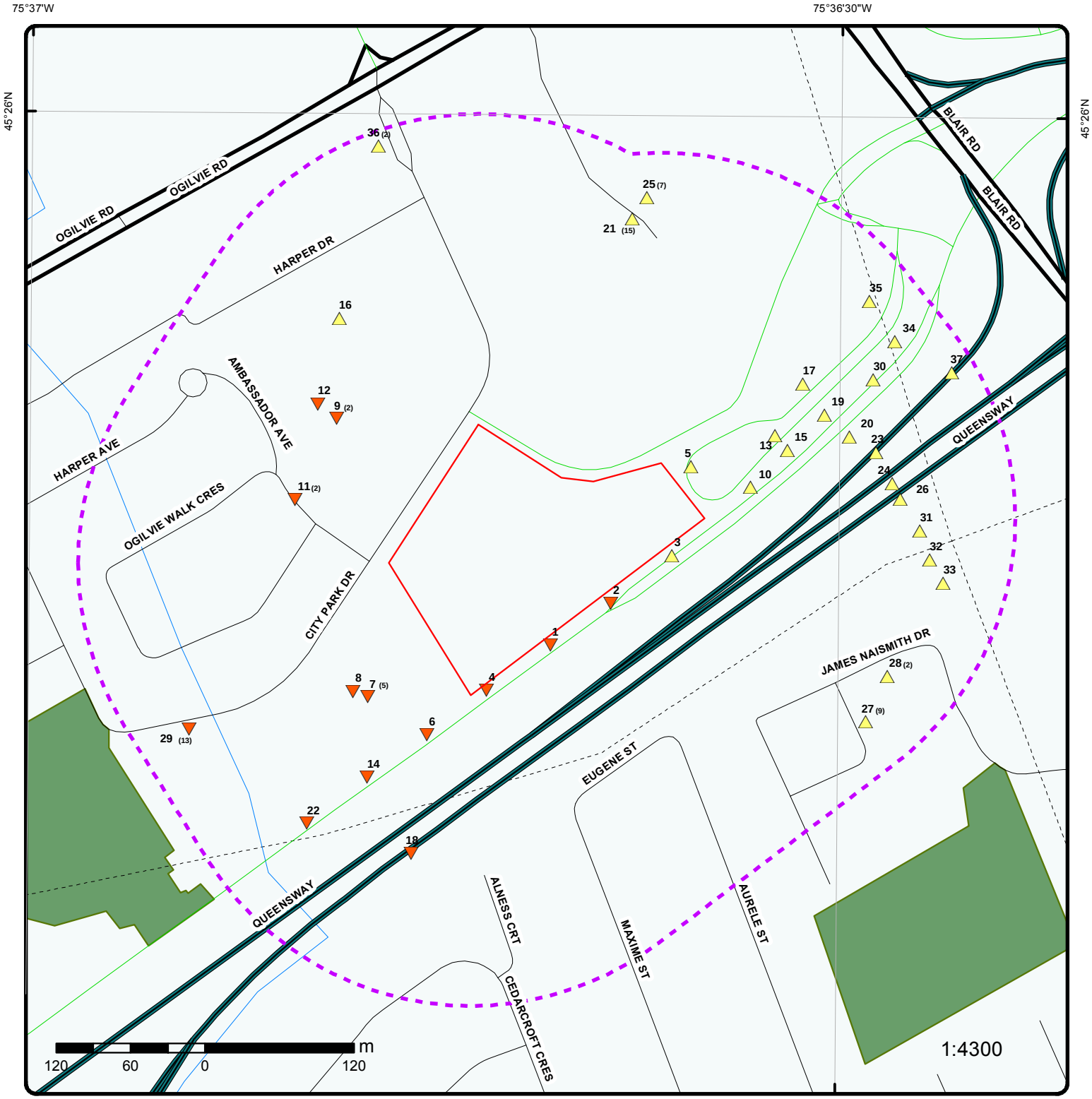
A search of the SPL database, dated 1988-Feb 2014 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
	1980 Ogilve Rd, Gloucester Ottawa ON	198.1	21
	1980 Oglivie Rd. Ottawa ON	198.1	21
CANADIAN WASTE SERVICES	2385 CITY PARK DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1J 1G1	237.9	36

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance m	Map Key
	lot 23 con 2 ON	98.1	9



Map

Order No: 20150608032

Address: 2280 City Park Dr Ottawa On, 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
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2014 DMTI Spatial Inc.

Aerial

Order No: 20150608032

Address: 2280 City Park Dr Ottawa On, Ottawa, ON

Source: ESRI World Imagery, Updated October 2014

© Ecolog ERIS Ltd

Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
1	1 of 1	SSE/6.0	74.0	ON	BORE

Borehole ID:	805548	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452182.77	*Northing:*	5030845.19
Location Accuracy:		*Orig. Ground Elev m:*	73.9
Elev. Reliability Note:		*DEM Ground Elev m:*	72
Total Depth m:	2	*Primary Name:*	BH.10
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585201	*Top Depth(m):*	0.0
Bottom Depth(m):	0.6	*Stratum Desc:*	Dark Brown to Black Fill-Misc clay sand With: Org M
+			
Stratum ID:	218585202	*Top Depth(m):*	0.6
Bottom Depth(m):	0.8	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585203	*Top Depth(m):*	0.8
Bottom Depth(m):	1.1	*Stratum Desc:*	Grey-Brown Very Stiff Silty Clay
+			
Stratum ID:	218585204	*Top Depth(m):*	1.1
Bottom Depth(m):	1.5	*Stratum Desc:*	Brown to Grey Brown Bedrock Shale
+			
Stratum ID:	218585205	*Top Depth(m):*	1.5
Bottom Depth(m):	2.0	*Stratum Desc:*	Grey Bedrock Shale

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
2	1 of 1	ESE/8.6	75.0	ON	BORE

Borehole ID:	805549	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452231.42	*Northing:*	5030878.78
Location Accuracy:		*Orig. Ground Elev m:*	73.8
Elev. Reliability Note:		*DEM Ground Elev m:*	72.1
Total Depth m:	1.5	*Primary Name:*	BH.11
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Stratum ID:	218585206	*Top Depth(m):*	0.0
Bottom Depth(m):	0.6	*Stratum Desc:*	Grey-Brown Very Stiff Fill-Misc Silty Clay Trace: Org M
+			
Stratum ID:	218585207	*Top Depth(m):*	0.6
Bottom Depth(m):	0.8	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585208	*Top Depth(m):*	0.8
Bottom Depth(m):	1.0	*Stratum Desc:*	Grey-Brown Stiff Silty Clay Trace: Org M
+			
Stratum ID:	218585209	*Top Depth(m):*	1.0
Bottom Depth(m):	1.5	*Stratum Desc:*	Grey-Brown Bedrock Shale

3 **1 of 1** **E/7.9** **75.0** **ON** **BORE**

Borehole ID:	805551	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452280.66	*Northing:*	5030916.86
Location Accuracy:		*Orig. Ground Elev m:*	73.3
Elev. Reliability Note:		*DEM Ground Elev m:*	74.9
Total Depth m:	1.5	*Primary Name:*	BH.12
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	.7
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585213	*Top Depth(m):*	0.0
Bottom Depth(m):	0.7	*Stratum Desc:*	Grey-Brown to Black Fill-Misc Silty Clay With: Org M
+			
Stratum ID:	218585214	*Top Depth(m):*	0.7
Bottom Depth(m):	1.0	*Stratum Desc:*	Black Peat
+			
Stratum ID:	218585215	*Top Depth(m):*	1.0
Bottom Depth(m):	1.5	*Stratum Desc:*	Dark Grey Bedrock Shale

4 **1 of 1** **SSW/4.3** **73.0** **ON** **BORE**

Borehole ID:	805546	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452131.54	*Northing:*	5030808.65
Location Accuracy:		*Orig. Ground Elev m:*	73.6
Elev. Reliability Note:		*DEM Ground Elev m:*	71.9
Total Depth m:	4.1	*Primary Name:*	BH.9
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	1.7
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Stratum ID:	218585192	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Fill-Misc
+			
Stratum ID:	218585193	*Top Depth(m):*	0.2
Bottom Depth(m):	0.3	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585194	*Top Depth(m):*	0.3
Bottom Depth(m):	0.6	*Stratum Desc:*	Grey-Brown Compact clay silt Trace: Org M
+			
Stratum ID:	218585195	*Top Depth(m):*	0.6
Bottom Depth(m):	0.8	*Stratum Desc:*	Dense Till sand silt
+			
Stratum ID:	218585196	*Top Depth(m):*	0.8
Bottom Depth(m):	1.3	*Stratum Desc:*	Brown to Grey Brown Bedrock Shale
+			
Stratum ID:	218585197	*Top Depth(m):*	1.3
Bottom Depth(m):	4.1	*Stratum Desc:*	Dark Grey Bedrock Shale

5 **1 of 1** **ENE/16.9** **75.9** **ON** **BORE**

Borehole ID:	805564	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452295.9	*Northing:*	5030988.56
Location Accuracy:		*Orig. Ground Elev m:*	73.8
Elev. Reliability Note:		*DEM Ground Elev m:*	75.5
Total Depth m:	1.5	*Primary Name:*	BH.17
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	.3
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585267	*Top Depth(m):*	0.4
Bottom Depth(m):	0.6	*Stratum Desc:*	Grey-Brown Till sand silt Trace: Cl
+			
Stratum ID:	218585268	*Top Depth(m):*	0.6
Bottom Depth(m):	1.5	*Stratum Desc:*	Dark Grey Bedrock Shale
+			
Stratum ID:	218585265	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585266	*Top Depth(m):*	0.2
Bottom Depth(m):	0.4	*Stratum Desc:*	Grey-Brown Very Stiff Silty Clay

6 **1 of 1** **SSW/47.7** **72.0** **ON** **BORE**

Borehole ID:	805544	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Easting:	452083.34	*Northing:*	5030772.56
Location Accuracy:		*Orig. Ground Elev m:*	72.9
Elev. Reliability Note:		*DEM Ground Elev m:*	71.7
Total Depth m:	1.8	*Primary Name:*	BH.8
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585178	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Fill-Misc
+			
Stratum ID:	218585179	*Top Depth(m):*	0.2
Bottom Depth(m):	0.4	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585180	*Top Depth(m):*	0.4
Bottom Depth(m):	0.9	*Stratum Desc:*	Grey-Brown Loose to Compact clay silt Occasional: Cob
+			
Stratum ID:	218585181	*Top Depth(m):*	0.9
Bottom Depth(m):	1.2	*Stratum Desc:*	Grey-Brown Compact Till sand silt With: Cl
+			
Stratum ID:	218585182	*Top Depth(m):*	1.2
Bottom Depth(m):	1.8	*Stratum Desc:*	Dark Grey Bedrock Shale

7	***1 of 5***	***SW/71.5***	***72.0***	***bcIMC Realty Corporation*** ***1900 City Park Dr*** ***Ottawa ON***	***CA***

Certificate #:	5520-7PDRKH
Application Year:	2009
Issue Date:	6/9/2009
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

7	***2 of 5***	***SW/71.5***	***72.0***	***BCIMC Realty Corporation*** ***1900 City Park Drive*** ***Ottawa ON***	***CA***

Certificate #:	4969-6X6KFF
Application Year:	2007
Issue Date:	2/2/2007
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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7 | **3 of 5** | **SW/71.5** | **72.0** | **BCIMC Realty Corporation**
1900 City Park Drive
Ottawa ON | **EBR**

Year:	2006
EBR Registry No.:	IA06E1008
Ministry Ref. No.:	2113-6S8K97
Type:	Instrument Decision
Instrument Type:	Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9
Proposal Date:	
Location:	1900 City Park Drive Ottawa Ontario
Proponent Address:	1055 Dunsmuir Street, Suite 1800 Vancouver British Columbia V7X 1C4

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7 | **4 of 5** | **SW/71.5** | **72.0** | **1900 City Park Drive**
Ottawa ON | **EHS**

Order No.:	20120305005
Report Date:	3/9/2012 9:49:35 AM
Report Type:	Custom Report
Search Radius (km):	0.25
Addit. Info Ordered:	

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7 | **5 of 5** | **SW/71.5** | **72.0** | **Breneck Technical Services**
1900 City Park Drive
Ottawa ON | **GEN**

Generator #:	ON4855757
Approval Yrs:	2012
SIC Code:	238220
SIC Description:	Plumbing Heating and Air-Conditioning Contractors

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8 | **1 of 1** | **SW/79.0** | **72.0** | **Blair Business Park Phase II, Gloucester City Park**
Ottawa ON | **EHS**

Order No.:	20020402020
Report Date:	4/11/02
Report Type:	Complete Report
Search Radius (km):	0.35
Addit. Info Ordered:	

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9 | **1 of 2** | **NW/98.1** | **74.0** | **ON** | **BORE**

Borehole ID:	615096	*Type:*	Borehole
Use:		*Status:*	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Drill Method:		UTM Zone:	18
Easting:	452011	Northing:	5031027
Location Accuracy:		Orig. Ground Elev m:	74.7
Elev. Reliability Note:		DEM Ground Elev m:	73.7
Total Depth m:	28	Primary Name:	
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	JUL-1963	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218400406	Top Depth(m):	0.0
Bottom Depth(m):	3.0	Stratum Desc:	GRAVEL.
+			
Stratum ID:	218400407	Top Depth(m):	3.0
Bottom Depth(m):	6.1	Stratum Desc:	LIMESTONE.
+			
Stratum ID:	218400408	Top Depth(m):	6.1
Bottom Depth(m):	28.0	Stratum Desc:	LIMESTONE. 00090 00108ORGANIC. CLAY. BROWN,GREY. SAND. UNSPECIFIED. 400030054

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9 **2 of 2** **NW/98.1** **74.0** **lot 23 con 2 ON** **WWIS**

Well ID:	1501313	Lot:	023
Concession:	02	Concession Name:	OF
County:	OTTAWA-CARLETON	Municipality:	GLOUCESTER TOWNSHIP
Easting Nad83:	452010.7	Northing Nad83:	5031027
Zone:	18	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Industrial	Construction Date:	16-JUL-63
Sec. Water Use:		Well Depth:	92 ft
Pump Rate:	2 GPM	Static Water Level:	17 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Diamond	Flowing (y/n):	N
Elevation (m):	73.7	Elevation Reliability:	
Depth to Bedrock:	10	Overburden/Bedrock:	Bedrock
Water Type:	SULPHUR	Casing Material:	FRESH, MINERIAL

--- Details ---

Thickness:		Original Depth:	92 ft
Material Colour:	LIMESTONE, SHALE	Material:	72 ft
+			
Thickness:		Original Depth:	10 ft
Material Colour:	GRAVEL, BOULDERS	Material:	10 ft
+			
Thickness:		Original Depth:	20 ft
Material Colour:	LIMESTONE	Material:	10 ft

---

10 **1 of 1** **ENE/44.7** **76.2** **ON** **BORE**

Borehole ID:	805553	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Easting:	452344.26	*Northing:*	5030971.66
Location Accuracy:		*Orig. Ground Elev m:*	73.8
Elev. Reliability Note:		*DEM Ground Elev m:*	76.2
Total Depth m:	1.7	*Primary Name:*	BH.13
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585219	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585220	*Top Depth(m):*	0.2
Bottom Depth(m):	0.5	*Stratum Desc:*	Grey-Brown Very Stiff Silty Clay With: Sa
+			
Stratum ID:	218585221	*Top Depth(m):*	0.5
Bottom Depth(m):	0.9	*Stratum Desc:*	Grey-Brown Compact Till sand silt With: Cl
+			
Stratum ID:	218585222	*Top Depth(m):*	0.9
Bottom Depth(m):	1.7	*Stratum Desc:*	Grey-Brown to Grey Bedrock Shale

---

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
11	1 of 2	WNW/91.1	73.0	RICHCRAFT HOMES LIMITED OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	CA

Certificate #:	3-0148-99-99
Application Year:	
Issue Date:	3/9/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
11	2 of 2	WNW/91.1	73.0	RICHCRAFT HOMES LIMITED OGILVIE WALK WAY/AMBASSADOR DR GLOUCESTER CITY ON	CA

Certificate #:	7-0083-99-99
Application Year:	
Issue Date:	3/9/1999
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Contaminants:
Emission Control:

12	1 of 1	NW/117.5	74.0	1525, 2280, 2300, 2385, 2401 City Park Drive 1750, 1820, 1880 Ogilvie Road Ottawa ON	EHS

Order No.:	20100317030
Report Date:	3/24/2010
Report Type:	Custom Report
Search Radius (km):	0.25
Addit. Info Ordered:	

13	1 of 1	ENE/85.7	77.0	City of Ottawa 1200 Blair Road Ottawa ON	CA

Certificate #:	0740-7JYLVL
Application Year:	2008
Issue Date:	9/30/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

14	1 of 1	SW/106.5	71.0	ON	BORE

Borehole ID:	805542	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452035.27	*Northing:*	5030738.46
Location Accuracy:		*Orig. Ground Elev m:*	72.9
Elev. Reliability Note:		*DEM Ground Elev m:*	71.8
Total Depth m:	2.4	*Primary Name:*	BH.7
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	1.5
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585169	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Fill-Misc
+			
Stratum ID:	218585170	*Top Depth(m):*	0.2
Bottom Depth(m):	0.5	*Stratum Desc:*	Dark Brown Topsoil
+			
Stratum ID:	218585171	*Top Depth(m):*	0.5

Bottom Depth(m):	1.0	*Stratum Desc:*	Grey-Brown Loose clay silt
+			
Stratum ID:	218585172	*Top Depth(m):*	1.0
Bottom Depth(m):	2.0	*Stratum Desc:*	Grey-Brown Compact to Dense Till sand silt With: Gr Trace: Cl
+			
Stratum ID:	218585173	*Top Depth(m):*	2.0
Bottom Depth(m):	2.4	*Stratum Desc:*	Dark Grey Bedrock Shale

15 ***1 of 1*** ***ENE/86.4*** ***77.0*** ***ON*** ***BORE***

Borehole ID:	805558	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452373.94	*Northing:*	5031001.6
Location Accuracy:		*Orig. Ground Elev m:*	73.6
Elev. Reliability Note:		*DEM Ground Elev m:*	76.6
Total Depth m:	1.2	*Primary Name:*	BH.14
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585238	*Top Depth(m):*	0.0
Bottom Depth(m):	0.2	*Stratum Desc:*	Black Silty Clay With: Org M
+			
Stratum ID:	218585239	*Top Depth(m):*	0.2
Bottom Depth(m):	0.5	*Stratum Desc:*	Grey-Brown Very Stiff Silty Clay
+			
Stratum ID:	218585240	*Top Depth(m):*	0.5
Bottom Depth(m):	1.2	*Stratum Desc:*	Grey-Brown to Grey Bedrock Shale

16 ***1 of 1*** ***NW/140.9*** ***75.0*** ***LOBLAWS GARDEN MARKET 1900 OGILVIE ROAD GLOUCESTER ON K1J 7P4*** ***PES***

Licence No.:
Licence Type: Vendor

17 ***1 of 1*** ***ENE/129.0*** ***78.0*** ***ON*** ***BORE***

Borehole ID:	805569	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452386.01	*Northing:*	5031055.37
Location Accuracy:		*Orig. Ground Elev m:*	75.1
Elev. Reliability Note:		*DEM Ground Elev m:*	76.4
Total Depth m:	1.5	*Primary Name:*	BH.18
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	24-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585289	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Topsoil
+			
Stratum ID:	218585290	Top Depth(m):	0.2
Bottom Depth(m):	0.7	Stratum Desc:	Grey-Brown clay silt
+			
Stratum ID:	218585291	Top Depth(m):	0.7
Bottom Depth(m):	1.5	Stratum Desc:	Grey-Brown to Grey Bedrock Shale

18 **1 of 1** **SSW/135.8** **71.0** **ON** **BORE**

Borehole ID:	847868	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	Decommissioned
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452071	Northing:	5030677
Location Accuracy:		Orig. Ground Elev m:	71.7
Elev. Reliability Note:		DEM Ground Elev m:	72.6
Total Depth m:	1.7	Primary Name:	
Township:	GLOUCESTER	Concession:	CON 2 ON OTTAWA RIVER
Lot:	LOT 23	Municipality:	
Completion Date:	10-DEC-1973	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	6559101	Top Depth(m):	0.0
Bottom Depth(m):	1.7	Stratum Desc:	HET.MIX.OF CLAYEY SILT, SAND AND GRAVEL, GLACIAL. TILL, STIFF TO VERY STIFF. GREY

19 **1 of 1** **ENE/127.4** **77.8** **ON** **BORE**

Borehole ID:	805560	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452403.45	Northing:	5031030.55
Location Accuracy:		Orig. Ground Elev m:	74.2
Elev. Reliability Note:		DEM Ground Elev m:	76.6
Total Depth m:	5.4	Primary Name:	BH.15
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	24-APR-1987	Static Water Level:	.6
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218585243	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Topsoil
+			
Stratum ID:	218585244	Top Depth(m):	0.2
Bottom Depth(m):	0.5	Stratum Desc:	Grey-Brown Very Stiff Silty Clay
+			
Stratum ID:	218585245	Top Depth(m):	0.5

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Bottom Depth(m):	1.1	Stratum Desc:	Dark Grey-Brown to Grey Bedrock Shale
+			
Stratum ID:	218585246	Top Depth(m):	1.1
Bottom Depth(m):	5.0	Stratum Desc:	Dark Grey Bedrock Shale
+			
Stratum ID:	218585247	Top Depth(m):	5.0
Bottom Depth(m):	5.4	Stratum Desc:	Dark Grey Bedrock Shale

20	1 of 1	ENE/133.6	77.0	ON	BORE

Borehole ID:	805458	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452423.42	Northing:	5031012.68
Location Accuracy:		Orig. Ground Elev m:	74.2
Elev. Reliability Note:		DEM Ground Elev m:	76.7
Total Depth m:	1.4	Primary Name:	BH.1
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	11-MAY-1988	Static Water Level:	1.2
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218584829	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Dark Brown Topsoil sand silt
+			
Stratum ID:	218584830	Top Depth(m):	0.2
Bottom Depth(m):	0.6	Stratum Desc:	Grey-Brown Till sand silt Trace: Cl
+			
Stratum ID:	218584831	Top Depth(m):	0.6
Bottom Depth(m):	1.4	Stratum Desc:	Grey Bedrock Shale

21	1 of 15	NNE/198.1	76.1	Mr. Gas Limited 1980 Ogilvie Road Ottawa ON	CA

Certificate #:	5581-66DSY4
Application Year:	2004
Issue Date:	11/19/2004
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

21	2 of 15	NNE/198.1	76.1	1980 Ogilvie Road Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Order No.: 20110503012
Report Date: 5/11/2011
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered: Fire Insur. Maps and/or Site Plans

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21 | **3 of 15** | **NNE/198.1** | **76.1** | **Walmart Canada Corp.**
1980 OGILVIE ROAD
Ottawa ON | **GEN**

Generator #: ON8202998
Approval Yrs: 2013
SIC Code: 452999, 441210, 441220
SIC Description: ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES, RECREATIONAL VEHICLE DEALERS, MOTORCYCLE, BOAT AND OTHER MOTOR VEHICLE DEALERS

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 331
Waste Description: WASTE COMPRESSED GASES
+
Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS
+
Waste Code: 242
Waste Description: HALOGENATED PESTICIDES
+
Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS
+
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS
+
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

---

21 | **4 of 15** | **NNE/198.1** | **76.1** | **THE KATZ GROUP CANADA LTD**
PHARMA PLUS #1156 1980 OGILVIE ROAD
GLOUCESTER ON K1J 9L3 | **GEN**

Generator #: ON7396544
Approval Yrs: 04
SIC Code: 446110
SIC Description: Pharmacies and Drug Stores

---

21 | **5 of 15** | **NNE/198.1** | **76.1** | **LOBLAWS COMPANIES EAST**
1980 OGILVIE ROAD
OTTAWA ON K1J 9L3 | **GEN**

Generator #: ON2768444
Approval Yrs: 02,03,04
SIC Code:
SIC Description:

--- Details ---
Waste Code: 213

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Waste Description: PETROLEUM DISTILLATES

21	6 of 15	NNE/198.1	76.1	PHARMX REXALL DRUG STORES LTD. 1980 OGILVIE ROAD GLOUCESTER ON K1J 9L3	GEN

Generator #: ON2304005
Approval Yrs: 99,00,01
SIC Code: 6031
SIC Description: PHARMACIES

--- Details ---
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

21	7 of 15	NNE/198.1	76.1	Walmart Canada Corp. 1980 OGILVIE ROAD Ottawa ON	GEN

Generator #: ON8202998
Approval Yrs: As of April 2014
SIC Code:
SIC Description:

--- Details ---
Waste Code: 122
Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)
+
Waste Code: 263
Waste Description: Misc. waste organic chemicals
+
Waste Code: 145
Waste Description: Wastes from the use of pigments, coatings and paints
+
Waste Code: 148
Waste Description: Misc. wastes and inorganic chemicals
+
Waste Code: 242
Waste Description: Halogenated pesticides and herbicides
+
Waste Code: 252
Waste Description: Waste crankcase oils and lubricants
+
Waste Code: 331
Waste Description: Waste compressed gases including cylinders

---

21	8 of 15	NNE/198.1	76.1	Walmart Canada Corp. 1980 OGILVIE ROAD Ottawa ON	GEN

Generator #: ON8202998
Approval Yrs: 2012
SIC Code: 452999, 441210, 441220
SIC Description: All Other Miscellaneous General Merchandise Stores, Recreational Vehicle Dealers, Motorcycle Boat and Other Motor Vehicle Dealers

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21	9 of 15	NNE/198.1	76.1	ZELLERS STORE #289 - GLOUCESTER CENTRE	PES

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3	

Licence No.: 23-01-12780-0
Licence Type: LIMITED

21	***10 of 15***	***NNE/198.1***	***76.1***	***ZELLERS STORE #289 - GLOUCESTER CENTRE 1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3***	***PES***

Licence No.:
Licence Type: Vendor

21	***11 of 15***	***NNE/198.1***	***76.1***	***ZELLERS STORE #289 - GLOUCESTER CENTRE 1980 OGILVIE RD, UNIT 171 GLOUCESTER ON K1J 9L3***	***PES***

Licence No.:
Licence Type: Limited Vendor

21	***12 of 15***	***NNE/198.1***	***76.1***	***LOBLAWS SUPERMARKET #1051 1980 OGILVIE RD OTTAWA ON K1J9L3***	***PES***

Licence No.:
Licence Type: Vendor

21	***13 of 15***	***NNE/198.1***	***76.1***	***1980 Ogilvie Road, Ottawa ON***	***PINC***

Incident ID:
Tank Status: RC Established
Attribute Category: Excavation practices not sufficient
Task Number: 3898966
SR Type: FS-Pipeline Incident
Incident Number: 841118
Status Code: Pipeline Damage Reason Est
Summary: 1980 Ogilvie Road, Ottawa - 3/4" Pipeline Hit
Spills Action Centre:
Reported By: Enbridge - ?
Affiliation:
Method Details: E-mail
Fuel Category: Natural Gas
Fuel Occurrence Type:
Date of Occurrence:
Occurrence Start Date: 2012/07/10
Health Impact:
Occurrence Desc:
Environment Impact:
Property Damage: Yes
Service Interupt:
Fuel Type:
Enforce Policy: Yes

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Operation Type:
Damage Reason: FS-Perform P-line Inc Invest
Public Relation:
Pipeline System:
Pipeline Type:
Depth:
Pipe Material:
Regualtor Location:
PSIG:
Regulator Type:
Notes:

---

21 | **14 of 15** | **NNE/198.1** | **76.1** | **1980 Oglivie Rd. Ottawa ON** | **SPL**

Ref No.: 0225-8WX65C
Incident Dt: 06-AUG-12
MOE Reported Dt: 06-AUG-12
Contaminant Name: FREON (CFC)
Contaminant Quantity: 382 kg
Incident Summary: Loblaws: 382 kg freon (R507) to atm.
Incident Cause: Discharge or Emission to Air
Incident Reason: Equipment Failure
Nature of Impact: Air Pollution
Receiving Medium:
Environmental Impact: Confirmed

---

21 | **15 of 15** | **NNE/198.1** | **76.1** | **1980 Ogilve Rd, Gloucester Ottawa ON** | **SPL**

Ref No.: 5072-77KSCG
Incident Dt:
MOE Reported Dt: 10/1/2007
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 20 gal-Imp
Incident Summary: Loblaws: 20 gal hydraulic oil to asphalt and CB, clnd
Incident Cause: Other Discharges
Incident Reason: Spill
Nature of Impact: Other Impact(s)
Receiving Medium: Land & Water
Environmental Impact: Confirmed

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22 | **1 of 1** | **SW/167.4** | **71.0** | **ON** | **BORE**

Borehole ID:	805539	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	451986.87	*Northing:*	5030701.37
Location Accuracy:		*Orig. Ground Elev m:*	72.4
Elev. Reliability Note:		*DEM Ground Elev m:*	71.4
Total Depth m:	2.8	*Primary Name:*	BH.6
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	22-APR-1987	*Static Water Level:*	1.6
Primary Water Use:		*Sec. Water Use:*	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

--- Details ---

Stratum ID:	218585157	Top Depth(m):	0.0
Bottom Depth(m):	0.1	Stratum Desc:	Fill-Misc
+			
Stratum ID:	218585158	Top Depth(m):	0.1
Bottom Depth(m):	0.2	Stratum Desc:	Topsoil
+			
Stratum ID:	218585159	Top Depth(m):	0.2
Bottom Depth(m):	0.9	Stratum Desc:	Grey-Brown Stiff Silty Clay Trace: Sa
+			
Stratum ID:	218585160	Top Depth(m):	0.9
Bottom Depth(m):	2.5	Stratum Desc:	Grey-Brown Compact to Dense Till sand silt With: Gr Trace: Cl
+			
Stratum ID:	218585161	Top Depth(m):	2.5
Bottom Depth(m):	2.8	Stratum Desc:	Dark Grey Bedrock Shale

23	1 of 1	ENE/147.7	76.4	ON	BORE

Borehole ID:	805563	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452444.99	Northing:	5030999.78
Location Accuracy:		Orig. Ground Elev m:	75.3
Elev. Reliability Note:		DEM Ground Elev m:	76.4
Total Depth m:	2.8	Primary Name:	BH.16
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	27-APR-1987	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218585258	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Grey Crushed Stone
+			
Stratum ID:	218585259	Top Depth(m):	0.2
Bottom Depth(m):	0.5	Stratum Desc:	Brown Fill-Misc Sand - Gravel
+			
Stratum ID:	218585260	Top Depth(m):	0.5
Bottom Depth(m):	1.0	Stratum Desc:	Grey-Brown Fill-Misc Silty Clay With: Gr
+			
Stratum ID:	218585261	Top Depth(m):	1.0
Bottom Depth(m):	1.8	Stratum Desc:	Brown Loose Fill-Misc Sand Trace: Gr
+			
Stratum ID:	218585262	Top Depth(m):	1.8
Bottom Depth(m):	2.0	Stratum Desc:	Grey-Brown Very Stiff Silty Clay Trace: Org M
+			
Stratum ID:	218585263	Top Depth(m):	2.0
Bottom Depth(m):	2.4	Stratum Desc:	Grey-Brown Dense Till sand silt With: Gr Trace: Cl
+			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Stratum ID:	218585264	Top Depth(m):	2.4
Bottom Depth(m):	2.8	Stratum Desc:	Grey-Brown Bedrock Shale

24 **1 of 1** **E/153.7** **76.0** **ON** **BORE**

Borehole ID:	805463	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452458.25	Northing:	5030975.03
Location Accuracy:		Orig. Ground Elev m:	75.2
Elev. Reliability Note:		DEM Ground Elev m:	76
Total Depth m:	4.6	Primary Name:	BH.2
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	10-MAY-1988	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218584849	Top Depth(m):	0.6
Bottom Depth(m):	1.7	Stratum Desc:	Grey-Brown to Grey Compact Fill-Misc sand silt With: Cl W Gr
+			
Stratum ID:	218584850	Top Depth(m):	1.7
Bottom Depth(m):	1.9	Stratum Desc:	Dark Brown Topsoil sand silt
+			
Stratum ID:	218584851	Top Depth(m):	1.9
Bottom Depth(m):	2.3	Stratum Desc:	Grey-Brown Very Stiff clay silt
+			
Stratum ID:	218584846	Top Depth(m):	0.0
Bottom Depth(m):	0.0	Stratum Desc:	Topsoil
+			
Stratum ID:	218584847	Top Depth(m):	0.0
Bottom Depth(m):	0.4	Stratum Desc:	Dark Brown Fill-Misc Sand With: Si Trace: Org M
+			
Stratum ID:	218584848	Top Depth(m):	0.4
Bottom Depth(m):	0.6	Stratum Desc:	Grey Fill-Misc Sand - Gravel
+			
Stratum ID:	218584852	Top Depth(m):	2.3
Bottom Depth(m):	4.6	Stratum Desc:	Grey Bedrock Shale

25 **1 of 7** **NNE/214.4** **77.0** **1980 Ogilvie Rd**
Ottawa ON K1J 9L3 **EHS**

Order No.:	20040119003
Report Date:	1/23/04
Report Type:	Custom Report
Search Radius (km):	0.25
Addit. Info Ordered:	

25 **2 of 7** **NNE/214.4** **77.0** **ZELLERS PHARMACY**
1980 OGILVIE ROAD, UNIT 171 **GEN**

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				OTTAWA ON K1J 9L3	

Generator #: ON1514514
Approval Yrs: 01
SIC Code: 6031
SIC Description: PHARMACIES

--- Details ---
Waste Code: 261
Waste Description: PHARMACEUTICALS
+
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

25	***3 of 7***	***NNE/214.4***	***77.0***	***WAL MART CANADA CORP STORE # 1158*** ***1980 OGILVIE RD*** ***OTTAWA ON K1J 9L3***	***PES***

Licence No.: 23-01-16148-0
Licence Type: LIMITED

25	***4 of 7***	***NNE/214.4***	***77.0***	***LOBLAWS SUPERMARKET LTD STORE #1051*** ***1980 OGILVIE RD*** ***OTTAWA ON K1J 9L3***	***PES***

Licence No.:
Licence Type: Limited Vendor

25	***5 of 7***	***NNE/214.4***	***77.0***	***LOBLAWS SUPERMARKETS LIMITED*** ***1980 OGILVIE ROAD*** ***OTTAWA ON K1J 9L3***	***PES***

Licence No.:
Licence Type: Vendor

25	***6 of 7***	***NNE/214.4***	***77.0***	***LOBLAWS SUPERMARKETS LIMITED*** ***1980 OGILVIE ROAD*** ***OTTAWA ON K1J 9L3***	***PES***

Licence No.: 23-01-08614-0
Licence Type: Limited Vendor

25	***7 of 7***	***NNE/214.4***	***77.0***	***LOBLAWS SUPERMARKET #1051*** ***1980 OGILVIE RD*** ***OTTAWA ON K1J 9L3***	***PES***

Licence No.: 23-01-12588-0
Licence Type: LIMITED

26	***1 of 1***	***E/158.0***	***76.0***	***ON***	***BORE***

Borehole ID:	805474	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452464.45	*Northing:*	5030962.42
Location Accuracy:		*Orig. Ground Elev m:*	75.2
Elev. Reliability Note:		*DEM Ground Elev m:*	76
Total Depth m:	3	*Primary Name:*	BH.3
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	10-MAY-1988	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218584900	*Top Depth(m):*	0.0
Bottom Depth(m):	0.1	*Stratum Desc:*	Asphalt
+			
Stratum ID:	218584901	*Top Depth(m):*	0.1
Bottom Depth(m):	0.5	*Stratum Desc:*	Grey Fill-Misc Sand - Gravel
+			
Stratum ID:	218584902	*Top Depth(m):*	0.5
Bottom Depth(m):	0.8	*Stratum Desc:*	Brown Fill-Misc Sand Trace: Si
+			
Stratum ID:	218584903	*Top Depth(m):*	0.8
Bottom Depth(m):	1.8	*Stratum Desc:*	Grey-Brown Compact Fill-Misc sand silt With: Cl W Gr
+			
Stratum ID:	218584904	*Top Depth(m):*	1.8
Bottom Depth(m):	2.0	*Stratum Desc:*	Black Topsoil Silt - Sand
+			
Stratum ID:	218584905	*Top Depth(m):*	2.0
Bottom Depth(m):	2.5	*Stratum Desc:*	Grey-Brown Compact Till sand silt With: Cl W Gr
+			
Stratum ID:	218584906	*Top Depth(m):*	2.5
Bottom Depth(m):	3.0	*Stratum Desc:*	Grey-Brown Bedrock Shale

27	***1 of 9***	***ESE/208.8***	***75.0***	***MBNA Canada Bank*** ***1600 James Naismith Dr*** ***Ottawa ON***	***CA***

Certificate #:	7488-7HFQJ6
Application Year:	2008
Issue Date:	8/14/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	2 of 9	ESE/208.8	75.0	**Brookfield Johnson Controls** **1600 James Naismith Dr.** **Ottawa ON**	GEN

Generator #: ON8043921
Approval Yrs: 2013
SIC Code: 561210
SIC Description: FACILITIES SUPPORT SERVICES

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	3 of 9	ESE/208.8	75.0	**Brookfield Johnson Controls** **1600 James Naismith Dr.** **Ottawa ON**	GEN

Generator #: ON8043921
Approval Yrs: As of April 2014
SIC Code:
SIC Description:

--- Details ---
Waste Code: 212
Waste Description: Aliphatic solvents and residues
+
Waste Code: 145
Waste Description: Wastes from the use of pigments, coatings and paints

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	4 of 9	ESE/208.8	75.0	**MBNA Canada Properties Co.** **1600 James Naismith Dr** **Ottawa ON**	GEN

Generator #: ON1972410
Approval Yrs: 2009
SIC Code: 522210
SIC Description: Credit Card Issuing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	5 of 9	ESE/208.8	75.0	**MBNA Canada Bank** **1600 James Naismith Dr** **Ottawa ON**	GEN

Generator #: ON1972410
Approval Yrs: 2011
SIC Code: 522210
SIC Description: Credit Card Issuing

--- Details ---
Waste Code: 145

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

---

27 **6 of 9** **ESE/208.8** **75.0** **CANADIAN SPORT AND FITNESS 1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4** **GEN**

Generator #: ON1691100
Approval Yrs: 99,00,01
SIC Code: 2849
SIC Description: OTHER PRINTING IND.

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
+
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

27 **7 of 9** **ESE/208.8** **75.0** **CANADIAN SPORT & FITNESS 07-676 ADMINISTRATION CENTRE INC. PRINTING DEPT., 1600 JAMES NAISMITH DR GLOUCESTER ON K1B 5N8** **GEN**

Generator #: ON1691100
Approval Yrs: 94,95,96
SIC Code: 2849
SIC Description: OTHER PRINTING IND.

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
+
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

---

27 **8 of 9** **ESE/208.8** **75.0** **MBNA Canada Bank 1600 James Naismith Dr Ottawa ON** **GEN**

Generator #: ON1972410
Approval Yrs: 2010
SIC Code: 522210
SIC Description: Credit Card Issuing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
27	9 of 9	ESE/208.8	75.0	CANADIAN SPORT & FITNESSADMIN CTR INC 1600 JAMES NAISMITH DRIVE GLOUCESTER ON K1B 5N4	GEN

Generator #: ON1691100
Approval Yrs: 92,93,97,98
SIC Code: 2849
SIC Description: OTHER PRINTING IND.

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
+
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

28	1 of 2	ESE/194.1	75.0	MBNA Canada Properties Co. 1600 James Naismith Dr Ottawa ON K1B 5N8	GEN

Generator #: ON1972410
Approval Yrs: 05,06,07,08
SIC Code: 522210
SIC Description: Credit Card Issuing

--- Details ---
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
+
Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

28	2 of 2	ESE/194.1	75.0	WMC-Water Management Consultants Inc 1600 James Naismith Drive Ottawa ON K1B 5N8	GEN

Generator #: ON5904154
Approval Yrs: 03,04,05
SIC Code: 541619
SIC Description: Other Management Consulting Services

--- Details ---
Waste Code: 253
Waste Description: EMULSIFIED OILS

29	1 of 13	WSW/206.8	72.0	1900 City Park Drive Ottawa ON K1J 1A3	EHS

Order No.: 20060130022
Report Date: 2/8/2006
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered:

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
29	2 of 13	WSW/206.8	72.0	BCE MOBI(OUT OF BUSINESS) INC. BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	GEN

Generator #: ON1347218
Approval Yrs: 00
SIC Code: 4839
SIC Description: OTHER TELECOMMUN.

--- Details ---
Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
29	3 of 13	WSW/206.8	72.0	BCE MOBILE COMMUNICATIONS INC. BELL MOBILITY PAGING 1900 CITY PARK DRIVE GLOUCESTER ON K1J 1A3	GEN

Generator #: ON1347218
Approval Yrs: 95,96,97,98,99
SIC Code: 4839
SIC Description: OTHER TELECOMMUN.

--- Details ---
Waste Code: 121
Waste Description: ALKALINE WASTES - HEAVY METALS

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
29	4 of 13	WSW/206.8	72.0	Bentall Real Estate Services 1900 City Park Drive Ottawa ON K1J1A3	NPRI

NPRI #: 8800001528
Year: 2004
Longitude:
Latitude:

--- Details ---
Air:
Water:
Land:
Units: tonnes
Substances Released: Nitrogen oxides (expressed as NO2)
+
Air:
Water:
Land:
Units: tonnes
Substances Released: Sulphur dioxide
+
Air:
Water:
Land:
Units: tonnes
Substances Released: HFC-134a Hydrofluorocarbon

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
29	5 of 13	WSW/206.8	72.0	ShapeGrabber Inc. 1900 City Park Dr Suite 304	SCT

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
				Gloucester ON K1J 1A3	

Established: 01-AUG-01
Plant Size (ft²):
Employment:

--- Details ---
SIC/NAICS Code: 334110
Description: Computer and Peripheral Equipment Manufacturing
+
SIC/NAICS Code: 334110
Description: Computer and Peripheral Equipment Manufacturing

29	***6 of 13***	***WSW/206.8***	***72.0***	***Minolta Business Equipment (Canada) Ltd.*** ***1900 City Park Dr Unit 100*** ***Gloucester ON K1J 1A3***	***SCT***

Established: 1980
Plant Size (ft²):
Employment: 30

--- Details ---
SIC/NAICS Code: 417910
Description: Office and Store Machinery and Equipment Wholesaler-Distributors

---

29	***7 of 13***	***WSW/206.8***	***72.0***	***Lexmark Canada Inc.*** ***1900 City Park Dr Suite 500*** ***Ottawa ON K1J 1A3***	***SCT***

Established:
Plant Size (ft²):
Employment:

--- Details ---
SIC/NAICS Code: 417310
Description: Computer, Computer Peripheral and Pre-Packaged Software Wholesaler-Distributors
+
SIC/NAICS Code: 417910
Description: Office and Store Machinery and Equipment Wholesaler-Distributors
+
SIC/NAICS Code: 418210
Description: Stationery and Office Supplies Wholesaler-Distributors

---

29	***8 of 13***	***WSW/206.8***	***72.0***	***Gymnastics Canada*** ***1900 City Park Dr Suite 120*** ***Gloucester ON K1J 1A3***	***SCT***

Established: 01-AUG-69
Plant Size (ft²): 3000
Employment:

--- Details ---
SIC/NAICS Code: 511140
Description: Directory and Mailing List Publishers

29	***9 of 13***	***WSW/206.8***	***72.0***	***Konica Minolta Bus Solutions*** ***1900 City Park Dr Unit 100*** ***Gloucester ON K1J 1A3***	***SCT***

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

Established: 01-JUN-80
Plant Size (ft²):
Employment:

--- Details ---
SIC/NAICS Code: 417910
Description: Office and Store Machinery and Equipment Wholesaler-Distributors

---

29	**10 of 13**	**WSW/206.8**	**72.0**	**MINOLTA BUSINESS EQUIPMENT** **1900 CITY PARK DR SUITE 100** **GLOUCESTER ON K1J 1A3**	**SCT**

Established: 0000
Plant Size (ft²): 0
Employment: 30

--- Details ---
SIC/NAICS Code: 5044
Description: OFFICE EQUIPMENT

29	**11 of 13**	**WSW/206.8**	**72.0**	**Gymnastics Canada** **1900 City Park Dr Suite 120** **Ottawa ON K1J 1A3**	**SCT**

Established: 1969
Plant Size (ft²): 3000
Employment: 17

--- Details ---
SIC/NAICS Code: 511140
Description: Directory and Mailing List Publishers

29	**12 of 13**	**WSW/206.8**	**72.0**	**Lexmark Canada Inc.** **1900 City Park Dr Suite 500** **Gloucester ON K1J 1A3**	**SCT**

Established: 01-JUN-91
Plant Size (ft²):
Employment:

--- Details ---
SIC/NAICS Code: 417310
Description: Computer, Computer Peripheral and Pre-Packaged Software Wholesaler-Distributors
+
SIC/NAICS Code: 418210
Description: Stationery and Office Supplies Wholesaler-Distributors
+
SIC/NAICS Code: 417910
Description: Office and Store Machinery and Equipment Wholesaler-Distributors

---

29	**13 of 13**	**WSW/206.8**	**72.0**	**Nexus Telecom (Americas) Inc.** **1900 City Park Dr Suite 512** **Gloucester ON K1J 1A3**	**SCT**

Established: 01-NOV-96
Plant Size (ft²): 3500
Employment:

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

--- Details ---

SIC/NAICS Code:	541619
Description:	Other Management Consulting Services
+	
SIC/NAICS Code:	541510
Description:	Computer Systems Design and Related Services
+	
SIC/NAICS Code:	541510
Description:	Computer Systems Design and Related Services

---

30 **1 of 1** **ENE/176.0** **78.0** **ON** **BORE**

Borehole ID:	803817	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452443	Northing:	5031058.8
Location Accuracy:		Orig. Ground Elev m:	74.7
Elev. Reliability Note:		DEM Ground Elev m:	77.1
Total Depth m:	7.7	Primary Name:	BH 83-11
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	08-MAR-1983	Static Water Level:	.8
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218578065	Top Depth(m):	0.0
Bottom Depth(m):	0.1	Stratum Desc:	Topsoil
+			
Stratum ID:	218578066	Top Depth(m):	0.1
Bottom Depth(m):	0.3	Stratum Desc:	Brown Fill-Misc sand silt With: Cl
+			
Stratum ID:	218578067	Top Depth(m):	0.3
Bottom Depth(m):	1.5	Stratum Desc:	Brown Loose to Compact Till sand silt With: Cl W Gr
+			
Stratum ID:	218578068	Top Depth(m):	1.5
Bottom Depth(m):	3.0	Stratum Desc:	Black Shale
+			
Stratum ID:	218578069	Top Depth(m):	3.0
Bottom Depth(m):	7.7	Stratum Desc:	Black Shale

---

31 **1 of 1** **E/173.3** **75.0** **ON** **BORE**

Borehole ID:	805480	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452480.16	Northing:	5030937.13
Location Accuracy:		Orig. Ground Elev m:	73.6
Elev. Reliability Note:		DEM Ground Elev m:	75.5
Total Depth m:	3.1	Primary Name:	BH.4
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	10-MAY-1988	Static Water Level:	1
Primary Water Use:		Sec. Water Use:	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

--- Details ---

Stratum ID:	218584925	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Topsoil
+			
Stratum ID:	218584926	Top Depth(m):	0.2
Bottom Depth(m):	1.5	Stratum Desc:	Grey-Brown Compact to Very Dense Till sand silt With: Cl W Gr
+			
Stratum ID:	218584927	Top Depth(m):	1.5
Bottom Depth(m):	3.1	Stratum Desc:	Dark Grey Bedrock Shale

---

32 **1 of 1** **E/184.1** **75.0** **ON** **BORE**

Borehole ID:	805483	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452488.25	Northing:	5030913.48
Location Accuracy:		Orig. Ground Elev m:	73.8
Elev. Reliability Note:		DEM Ground Elev m:	75.2
Total Depth m:	3.7	Primary Name:	BH.5
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	10-MAY-1988	Static Water Level:	-999.9
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218584935	Top Depth(m):	0.0
Bottom Depth(m):	0.2	Stratum Desc:	Grey Fill-Misc Sand - Gravel Trace: Si
+			
Stratum ID:	218584936	Top Depth(m):	0.2
Bottom Depth(m):	2.0	Stratum Desc:	Grey-Brown Compact to Dense Till sand silt With: Gr W Cob W Blds Trace: Cl
+			
Stratum ID:	218584937	Top Depth(m):	2.0
Bottom Depth(m):	3.7	Stratum Desc:	Dark Grey Bedrock Shale

---

33 **1 of 1** **E/199.1** **75.0** **ON** **BORE**

Borehole ID:	805486	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Hollow stem auger	UTM Zone:	18
Easting:	452499.37	Northing:	5030894.78
Location Accuracy:		Orig. Ground Elev m:	73.2
Elev. Reliability Note:		DEM Ground Elev m:	75.2
Total Depth m:	3.3	Primary Name:	BH.6
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	11-MAY-1988	Static Water Level:	2.1
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218584945	Top Depth(m):	0.0

Bottom Depth(m):	0.2	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218584946	*Top Depth(m):*	0.2
Bottom Depth(m):	3.2	*Stratum Desc:*	Dark Grey-Brown to Grey Compact to Very Dense Till sand silt With: Cl W Gr W Cob W Blds
+			
Stratum ID:	218584947	*Top Depth(m):*	3.2
Bottom Depth(m):	3.3	*Stratum Desc:*	Grey Bedrock Shale

34 **1 of 1** **ENE/208.6** **78.8** **ON** **BORE**

Borehole ID:	805579	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452460.44	*Northing:*	5031089.47
Location Accuracy:		*Orig. Ground Elev m:*	75.7
Elev. Reliability Note:		*DEM Ground Elev m:*	77.7
Total Depth m:	3.1	*Primary Name:*	BH.22
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	27-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585339	*Top Depth(m):*	0.0
Bottom Depth(m):	0.1	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585340	*Top Depth(m):*	0.1
Bottom Depth(m):	0.6	*Stratum Desc:*	Brown Fill-Misc sand silt With: Cl W Gr
+			
Stratum ID:	218585341	*Top Depth(m):*	0.6
Bottom Depth(m):	0.9	*Stratum Desc:*	Grey-Brown Very Stiff Silty Clay With: Gr
+			
Stratum ID:	218585342	*Top Depth(m):*	0.9
Bottom Depth(m):	2.8	*Stratum Desc:*	Brown to Grey Compact to Very Dense Till Silt - Sand With: Gr Trace: Cl
+			
Stratum ID:	218585343	*Top Depth(m):*	2.8
Bottom Depth(m):	3.1	*Stratum Desc:*	Dark Grey Bedrock Shale

35 **1 of 1** **NE/212.3** **79.0** **ON** **BORE**

Borehole ID:	805629	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452439.74	*Northing:*	5031121.85
Location Accuracy:		*Orig. Ground Elev m:*	76.3
Elev. Reliability Note:		*DEM Ground Elev m:*	77.7
Total Depth m:	3.1	*Primary Name:*	BH.39
Township:		*Concession:*	
Lot:		*Municipality:*	

Completion Date:	30-JUL-1987	*Static Water Level:*	1.5
Primary Water Use:		*Sec. Water Use:*	

--- Details ---

Stratum ID:	218585550	*Top Depth(m):*	0.0
Bottom Depth(m):	0.1	*Stratum Desc:*	Dark Brown Topsoil Silt
+			
Stratum ID:	218585551	*Top Depth(m):*	0.1
Bottom Depth(m):	2.8	*Stratum Desc:*	Loose to Very Dense Till sand silt With: Gr Trace: Cl Occasional: Blds
+			
Stratum ID:	218585552	*Top Depth(m):*	2.8
Bottom Depth(m):	3.1	*Stratum Desc:*	Bedrock Shale

---

36 ***1 of 2*** ***NNW/237.9*** ***76.0*** ***2385 City Park Dr. Ottawa ON K1J 1G1*** ***EHS***

Order No.:	20050401012
Report Date:	4/5/2005
Report Type:	
Search Radius (km):	0.25
Addit. Info Ordered:	

---

36 ***2 of 2*** ***NNW/237.9*** ***76.0*** ***CANADIAN WASTE SERVICES 2385 CITY PARK DRIVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1J 1G1*** ***SPL***

Ref No.:	225637
Incident Dt:	5/16/2002
MOE Reported Dt:	5/16/2002
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	CDN WASTE-3 L HYDR.OIL TO SEWER. SEWER-MATIC CLEANING. EGN ISSUED.
Incident Cause:	PIPE/HOSE LEAK
Incident Reason:	EQUIPMENT FAILURE
Nature of Impact:	Water course or lake
Receiving Medium:	LAND
Environmental Impact:	NOT ANICIPATED

---

37 ***1 of 1*** ***ENE/231.1*** ***78.0*** ***ON*** ***BORE***

Borehole ID:	805619	*Type:*	Borehole
Use:	Geotechnical/Geological Investigation	*Status:*	
Drill Method:	Hollow stem auger	*UTM Zone:*	18
Easting:	452506.34	*Northing:*	5031064.12
Location Accuracy:		*Orig. Ground Elev m:*	75.4
Elev. Reliability Note:		*DEM Ground Elev m:*	76.8
Total Depth m:	2.9	*Primary Name:*	BH.33
Township:		*Concession:*	
Lot:		*Municipality:*	
Completion Date:	24-APR-1987	*Static Water Level:*	-999.9
Primary Water Use:		*Sec. Water Use:*	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB

--- Details ---

Stratum ID:	218585506	*Top Depth(m):*	0.0
Bottom Depth(m):	0.1	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585507	*Top Depth(m):*	0.1
Bottom Depth(m):	0.5	*Stratum Desc:*	Brown Fill-Misc Sand
+			
Stratum ID:	218585508	*Top Depth(m):*	0.5
Bottom Depth(m):	0.7	*Stratum Desc:*	Topsoil
+			
Stratum ID:	218585509	*Top Depth(m):*	0.7
Bottom Depth(m):	2.7	*Stratum Desc:*	Brown to Grey Loose to Very Dense Till sand silt With: Cl W Gr Occasional: Cob
+			
Stratum ID:	218585510	*Top Depth(m):*	2.7
Bottom Depth(m):	2.9	*Stratum Desc:*	Bedrock Shale

Unplottable Summary

DB	Company Name/Site Name	Address	City	Postal
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
EHS		1970-1980 Ogilvie Road & 2400 City Park Drive	Ottawa ON	
PRT	MR GAS LIMITED ATTN LILIANNE LEVAC	RR 2	CARLETON PLACE ON	
RST	MR GAS LTD	7 GD STN MAIN	CARLETON PLACE ON	
SPL	Loblaws Company East<UNOFFICIAL>	Queensway, from Greenbank Exit to 1735 Iris Road	Ottawa ON	
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	QUEENSWAY	OTTAWA CITY ON	
SPL	City of Ottawa	Bike path north of Hurdman/Queensway Bridge	Ottawa ON	

Unplottable Report

Site: ***REG.MUN.OF OTTAWA-CARLETON***
QUEENSWAY N. OTTAWA ON

Database: ***CA***

Certificate #:	3-0468-85-006
Application Year:	85
Issue Date:	6/4/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
1970-1980 Ogilvie Road & 2400 City Park Drive Ottawa ON

Database: ***EHS***

Order No.:	20030627004
Report Date:	7/3/03
Report Type:	Complete Report
Search Radius (km):	0.50
Addit. Info Ordered:	

Site: ***MR GAS LIMITED ATTN LILIANNE LEVAC***
RR 2 CARLETON PLACE ON

Database: ***PRT***

Location ID:	2776
Type:	retail
Expiry Date:	1996-01-31
Capacity (L):	110000
Licence #:	0052266001

Site: ***MR GAS LTD***
7 GD STN MAIN CARLETON PLACE ON

Database: ***RST***

Facility:	Service Stations-Gasoline, Oil & Natural Gas
Description:	

Site: ***Loblaws Company East<UNOFFICIAL>***
Queensway, from Greenbank Exit to 1735 Iris Road Ottawa ON

Database: ***SPL***

Ref No.:	6833-6H4GWP
Incident Dt:	10/12/2005
MOE Reported Dt:	10/12/2005

Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	
Incident Summary:	Loblaws: 10 to 15 L diesel to road/parking lot
Incident Cause:	Pipe Or Hose Leak
Incident Reason:	Unknown - Reason not determined
Nature of Impact:	
Receiving Medium:	Land
Environmental Impact:	Not Anticipated

Site: ***UNKNOWN***
BLAIR STATION AND QUEENSWAY OTTAWA CITY ON

Database: ***SPL***

Ref No.:	239018
Incident Dt:	9/11/2002
MOE Reported Dt:	9/11/2002
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING
Incident Cause:	UNKNOWN
Incident Reason:	UNKNOWN
Nature of Impact:	Water course or lake
Receiving Medium:	LAND, WATER
Environmental Impact:	POSSIBLE

Site: ***TRANSPORT TRUCK***
QUEENSWAY OTTAWA CITY ON

Database: ***SPL***

Ref No.:	224201
Incident Dt:	4/19/2002
MOE Reported Dt:	4/19/2002
Contaminant Name:	
Contaminant Quantity:	
Incident Summary:	LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.
Incident Cause:	OTHER TRANSPORTATION ACCIDENT
Incident Reason:	ERROR
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
Environmental Impact:	CONFIRMED

Site: ***City of Ottawa***
Bike path north of Hurdman/Queensway Bridge Ottawa ON

Database: ***SPL***

Ref No.:	7517-7QRMF9
Incident Dt:	
MOE Reported Dt:	4/3/2009
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity:	
Incident Summary:	Ottawa Rideau River - oily sheen water from storm outfall
Incident Cause:	Unknown
Incident Reason:	
Nature of Impact:	
Receiving Medium:	
Environmental Impact:	Not Anticipated

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd 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 Ecolog 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 all 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 Aug 2012

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-Jan 2014

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

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of all 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: 2001-Jul 2014

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: 1948-2014

Chemical Register: Private CHEM

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

Government Publication Date: 1992, 1999-Jul 2014

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-Feb 2014

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-May 2015

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-Jan 2014

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 31 2011-Apr 2015

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-May 2015

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 31, 2011-Apr 2015

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

EcoLog 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-Aug 2014

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*

List of TSSA Expired Facilities: Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Current to Nov 2014

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 all 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.

Government Publication Date: June 2000-Apr 2015

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all 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-Sept 2003

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: 2010-Nov 2014

Fuel Storage Tank - Historic: Provincial FSTH

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

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-Apr 2014

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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 all 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*

TSSA Incidents: Provincial INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: June 2009-2014

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: 2012

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-Apr 2013

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: 1994-2012

National Defence & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defence 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 Defence & Canadian Forces Spills: Federal NDSP

The Department of National Defence 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-Aug 2010

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 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 all 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. All federal out-of-service PCB containing equipment and all 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: 1993-2013

Oil and Gas Wells: Private OGW

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-Mar 2015

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: 1800-2013

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

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-May 2015

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

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of all 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 Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents: Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: June 2009-2014

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-May 2015

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: 1986-2013

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 2015

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-Jul 2014

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Feb 2014

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: 1990-2011

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-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Current to Nov 2014

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: 1970-Apr 2015

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: 1955-Mar 2014

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 were included as reference.

APPENDIX C

Regulatory Responses

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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

Ministère de l'Environnement et de l'Action en matière de changement climatique

Bureau de l'accès à l'information et de la protection de la vie privée

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

GOLDER ASSOCIATES
JUN 16 2015
RECEIVED - WHITBY

June 12, 2015

Lena Zdanowski
Golder Associates
100 Scotia Court
Whitby, ON L1N 8Y6

Dear Lena Zdanowski:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2015-03479, Your Reference 1522569

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2280 & 2300 City Park Dr, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is $30.00 for 1 hour of search time @ $30.00 per hour. **We have applied the $30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Daniel Demanuele at (416) 212-3183 or daniel.demanuele@ontario.ca.

Yours truly,

E Burge

for Heidi Ritscher
FOI Manager

APPENDIX D

Site Photographs

Photo 1 – Commercial Retail Units (facing south).

Photo 2 – Restaurant (facing northeast).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A1**

Photo 3 – Commercial Retail Unit (interior of former Old Navy store).

Photo 4 – Hydraulic Lift at Loading Dock (southern side of commercial retail units).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A2**

Photo 5 – Old mercury thermometer (interior of former Old Navy store).

Photo 6– Interior of former Laura store.

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A3**

Photo 7 – East side of commercial retail units (facing north).

Photo 8– South side of commercial retail units (facing west).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A4**

Photo 9 – Natural Gas lines running to the roof of the commercial retail units (south wall).

Photo 10– Electrical heat unit at emergency exit doors (inside Laura, representative of other units).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A5**

Photo 11 – Sprinkler system in the utility room in the commercial retail units. Insulation is fibreglass.

Photo 12– Dry core transformer in each unit (commercial retail units). Most are raised off the ground to save space.

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A6**

Photo 13 – Commercial retail unit spaces (roof) (facing southeast).

Photo 14– Waste storage and adjacent land south of the Site.

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A7**

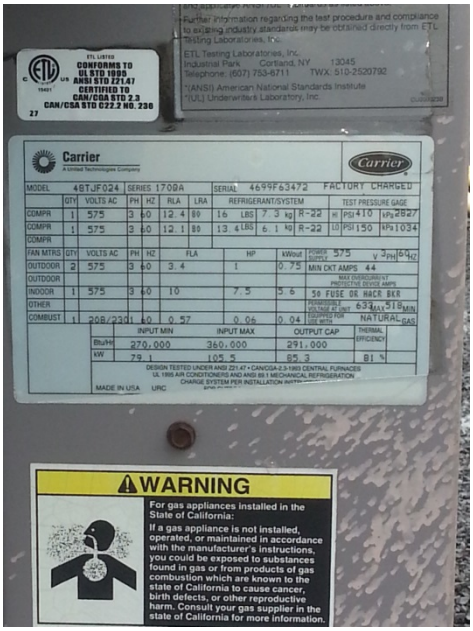

Photo 15 – Rooftop heating and cooling unit placard.

Photo 16– OC Transpo Station (facing east).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A8**

Photo 17 – Facing north towards Silver City theatre.

Photo 18– Restaurant (facing north from the roof of the commercial retail units).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A9**

Photo 19 – Vacant land (facing west).

Photo 20– Residential development and vacant land (facing northwest).

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A10**

Photo 21 – Rooftop heating/cooling systems at the commercial retail units.

Photo 22– Sanimax grease storage container at the restaurant. Some staining on the asphalt.

CLIENT	PROJECT
RioCan Management Inc.	**Phase One Environmental Site Assessment**
CONSULTANT	TITLE
Golder Associates	**Photographic Record**

YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW

PROJECT No. 1522569 (10000) FIGURE **A11**

Photo 23– Grease trap in the restaurant.

Photo 24– Second grease trap in the restaurant.

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A12**

Photo 25– Exterior wall of the restaurant (facing northwest).

Photo 26– Pad mounted transformer.

CLIENT	**RioCan Management Inc.**
PROJECT	**Phase One Environmental Site Assessment**
CONSULTANT	Golder Associates
YYYY-MM-DD	2014-02-14
TAKEN BY	JL
CHECKED BY	EW
TITLE	**Photographic Record**
PROJECT No.	1522569 (10000)
FIGURE	**A13**

As a global, employee-owned organisation with over 50 years of experience, Golder Associates is driven by our purpose to engineer earth's development while preserving earth's integrity. We deliver solutions that help our clients achieve their sustainable development goals by providing a wide range of independent consulting, design and construction services in our specialist areas of earth, environment and energy.

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