



Phase I Environmental Site Assessment

98 Farley Drive, Guelph, Ontario
Property ID: 2327

Prepared for:

Choice Properties Real Estate Investment Trust

22 St. Clair Avenue East
Toronto, Ontario M4T 2S5

Attn: Dean Valentinuzzi
Director – Site Engineering and Due Diligence

August 29, 2017

Pinchin File: 201475



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EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained on February 16, 2017 by Choice Properties Real Estate Investment Trust (CP REIT or Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 98 Farley Drive in Guelph, Ontario (Site). The Site is occupied by a temporary sales/presentation centre (Temporary Sales Centre).

Pinchin was advised that the Phase I ESA is required as part of the due diligence requirements in connection with the potential acquisition of the Site by the Client.

The Phase I ESA was completed in general accordance with the Canadian Standards Association (CSA) document entitled “*Phase I Environmental Site Assessment, CSA Standard Z768-01*” dated November 2001 (reaffirmed 2012), including a review of readily-available historical records, a review of readily-accessible regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting, subject to the limitations outlined in Section 8.0 of this report.

Based on the results of the Phase I ESA completed by Pinchin, nothing was identified that is likely to result in potential subsurface impacts at the Site. As such, no subsurface investigation work (Phase II ESA) is recommended at this time.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

This report has been issued without having received responses from the Ontario Ministry of the Environment and Climate Change. Once a response from this regulatory body is received, the information will be reviewed by Pinchin and, if there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information.



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1.0 INTRODUCTION

1.1 Background

Pinchin Ltd. (Pinchin) was retained on February 16, 2017 by Choice Properties Real Estate Investment Trust (CP REIT or Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 98 Farley Drive in Guelph, Ontario (Site). The Site is occupied by a temporary sales/presentation centre (Temporary Sales Centre).

Pinchin was advised that the Phase I ESA is required as part of the due diligence requirements in connection with the potential acquisition of the Site by the Client.

1.2 Scope of Work

The Phase I ESA was completed in general accordance with the Canadian Standards Association (CSA) document entitled “*Phase I Environmental Site Assessment, CSA Standard Z768-01*” dated November 2001 (reaffirmed 2012), including a review of readily available historical and regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting, all subject to the limitations outlined in Section 8.0 of this report. In addition, Pinchin reviewed the following documents as provided by Client and/or previously prepared by Pinchin:

- Report entitled “*Geotechnical Investigation, Guelph South Subdivision, Gordon Street and Clair Road East, Guelph, Ontario*” prepared by England Naylor Engineering Ltd. (England Naylor) for Westminster Woods Limited, dated March 13, 1998 (1998 England Naylor Geotechnical Report);
- Report entitled “*Geotechnical Investigation, Gordon Street & Clair Road East, Guelph, Ontario*” prepared by Toronto Inspection Ltd. (TIL) for Loblaw Properties Limited (LPL), dated April 4, 2013; and
- Letter entitled “*Site Reconnaissance and Report Review, 124 Clair Road East, Guelph, ON*” prepared by Pinchin for LPL, dated September 26, 2014 (2014 Pinchin Site Reconnaissance Letter).

Pinchin conducted a Site reconnaissance on February 22, 2017, and was unaccompanied by a representative for the Site.

2.0 DESCRIPTION

2.1 Site Location and Physical Description

As indicated on Figure 1 (Key Map), the Site is located on the southwest side of Farley Drive and northeast side of Gordon Road, approximately 300 metres (m) northeast of Clair Road East in Guelph,

Ontario. The Site is situated in an area that predominantly consists of residential and commercial land uses. Figure 2 illustrates the Site and surrounding area.

A summary of the physical description of the Site, and Temporary Sales Centre, is provided below:

Topic	Details
Approximate Site Area	0.87 hectares (2.19 acres).
Buildings on-Site	One (located on the northeast portion of the Site).
Approximate Year of Construction and Significant Additions or Renovations	Circa 2015.
Number of Floors (Including ground level)	One.
Subsurface Levels	None observed.
Approximate Footprint Area of Building	125 square metres (m ²) (1,345 square feet (ft ²)).
Approximate Total Area of Building	125 m ² (1,345 ft ²).
Heating / Cooling	Heating appeared to be provided by a propane-fired unit and cooling appeared to be provided by a pad-mounted air-conditioning unit.
Elevators	None observed.
Emergency Generators	None observed.
Landscaped / Grassed/Bare Ground Areas	The entirety of the Site consisted of bare ground (i.e., sand, gravel or grass-covered) areas.
Paved or Other Sealed Surface Materials	None observed.

2.2 Topographic, Geologic and Hydrogeological Setting

Topic	Findings
Topography of Site and Surrounding Area	The Site and surrounding area are generally flat.
Site Grade Relative to the Adjoining Properties	The Site is at a similar grade to the adjoining properties.

Topic	Findings
Subsurface Soils	Sand and gravel followed by sandy silt till that extends to depths ranging between 5.5 and 6.4 m below ground surface (mbgs), based on Pinchin's knowledge of the area and on information provided in the 2013 TIL Geotechnical Report.
Fill Materials	None observed.
Bedrock Type	Sandstone, shale, dolostone and/or siltstone of the Guelph Formation.
Inferred Bedrock Depth	Greater than 6.6 mbgs, based on information provided in the 2013 TIL Geotechnical Report.
Inferred Groundwater Depth	Between 1.6 and 4.9 mbgs, as indicated in the 2013 TIL Geotechnical Report.
Nearest Open Water Body	Hanlon's Creek is located approximately 1.3 kilometres (km) southwest of the Site. Hanlon's Creek flows west and discharges into the Speed River, located approximately 4.8 km west of the Site.
Inferred Groundwater Flow Direction	West-southwest based on the nearest bodies of water.

2.3 Site Operations

At the time of the Site visit, the Site was occupied by a temporary sales/presentation centre (Temporary Sales Centre) that was located on the northeast portion of the Site. A gravel-covered parking area and access route were located adjacent to the Temporary Sales Centre. The remainder of the Site consisted of vacant undeveloped land that was encompassed by sand-covered and grassed areas.

3.0 HISTORICAL RECORDS REVIEW

3.1 Site Interviews and Records

There was no Site Representative available at the time of the Site reconnaissance and as such, Pinchin was unable to conduct an interview with a representative for the Site as part of the Phase I ESA.

3.2 Aerial Photographs and Satellite Imagery

Copies of aerial photographs dated 1951, 1962, 1972, 1981 and 1989 were obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ satellite imagery dated 2006, 2013, 2014 and 2016. It should be noted that accurate details could not be determined from the 1951, 1962, 1972 and 1989 aerial photographs due to the small scale and clarity of the photographs. A summary of information inferred with respect to the Site is provided in the following table:



Year of Photograph	Site
1951, 1962, 1972, 1981 and 1989	The Site appeared to consist of vacant undeveloped/agricultural land.
2006, 2013 and 2014	The Site appeared to consist of vacant land that appeared to be undergoing preparations for future development.
2016	Similar to 2014; however, the Temporary Sales Centre appears on the northeast portion of the Site.

A summary of information inferred with respect to the surrounding area is provided in the following table:

Year of Photograph	Northwest	Northeast	Southeast	Southwest
1951, 1962, 1972, 1981 and 1989	Vacant undeveloped/agricultural land and a road similar in configuration to present-day Gordon Street.	Vacant undeveloped/agricultural land.	Vacant undeveloped/agricultural land and an associated residential building followed by a road similar in configuration to present-day Clair Road East.	A road similar in configuration to present-day Gordon Street followed by vacant undeveloped/agricultural land.



Year of Photograph	Northwest	Northeast	Southeast	Southwest
2006	An apparent creek, then apparent residential buildings along roads similar in configuration to present-day Roehampton Crescent and Farley Drive followed by a road similar in configuration to present-day Clairfields Drive East, then apparent residential buildings along a road similar in configuration to present-day Spencer Crescent followed by a road similar in configuration to present-day Gordon Street.	A road similar in configuration to present-day Farley Drive followed by vacant land and apparent residential buildings along roads similar in configuration to present-day Eugene Drive, Darling Crescent and Porter Drive.	Vacant land that appeared to be undergoing preparation for development followed by a road similar in configuration to present-day Clair Road East.	Vacant land and a road similar in configuration to present-day Gordon Street followed by apparent residential buildings along a road similar in configuration to present-day Gosling Gardens, then apparent residential buildings along a road similar in configuration to present-day Munroe Crescent.



Year of Photograph	Northwest	Northeast	Southeast	Southwest
2013	Similar to 2006.	Similar to 2006.	Vacant land that appeared to be undergoing preparation for development followed by three apparent commercial buildings similar in configuration to the present-day buildings at 2, 4 and 50 Clair Road East, then a road similar in configuration to present-day Clair Road East.	Similar to 2006.
2014	Similar to 2013.	Similar to 2013.	Similar to 2013; however, a building similar in size and configuration to the present-day building at 124 Clair Road East appeared to have been constructed immediately southeast of the Site.	Similar to 2013.



Year of Photograph	Northwest	Northeast	Southeast	Southwest
2016	Similar to 2014.	Similar to 2014.	Similar to 2014; however, buildings similar in size and configuration to the present-day building 1750 Gordon Street and 158 Clair Road East appeared to have been constructed immediately southeast of the Site.	Similar to 2014.

Based on Pinchin’s review of the above-noted aerial photographs, nothing was observed that is likely to result in potential subsurface impacts at the Site.

3.3 Opta Information

Pinchin contacted Opta Information Intelligence (Opta) to obtain copies of Fire Insurance Plans related to the Site and surrounding area, as well as Property Underwriters’ Reports and Property Underwriters’ Plans related to the Site. Opta provided a written response dated February 24, 2017 indicating there were no records on-file for the Site. A copy of Opta’s response is provided in Appendix I.

3.4 City Directories

City directories for the years 1960 to 2011 were reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario. A summary of information obtained with respect to the Site is provided in the following table:

Years	Occupant Listings for Site Address
1960 to 2011	Not listed.

In general, the city directories indicated that the surrounding area has historically consisted of commercial and residential land uses since the early-1970s. No historical dry cleaning operations, RFOs or other operations of potential environmental concern were identified.

Based on Pinchin’s review of the above-noted city directories, nothing was identified that is likely to result in potential subsurface impacts at the Site.

3.5 Previous Environmental Reports

1998 England Naylor Geotechnical Report

England Naylor previously conducted a hydrogeological investigation and environmental impact study of the Upper Hanlon Creek watershed (including the Site) in 1990. The 1990 study included the advancement of twelve boreholes, all of which were instrumented with a monitoring well, and the excavation of eight test pits. Phase I ESAs were also conducted in 1997 by England Naylor of the Site, as well as the properties located immediately southeast of the Site. No additional information was provided regarding these former reports nor were copies of these reports provided to Pinchin for review.

The 1998 England Naylor Geotechnical Report involved the advancement of fourteen boreholes to depths between 6.6 and 11.2 mbgs, all of which were instrumented with groundwater monitoring wells, and the excavation of 33 test pits to depths between 1.0 and 4.3 mbgs. At the time of the assessment, the Site was used for agricultural purposes and was associated with four residential building structures located 200 m east of Gordon Street. Based on Pinchin's review of the Site Survey provided by the Client, the above-noted residential buildings were actually located on the land adjacent to the east of the Site. At the time of the assessment, the Site was surrounded by newly constructed residential dwellings to the north and west, by agricultural land to the east and by residential dwellings and a golf driving range to the south.

According to the 1998 England Naylor Geotechnical Report, the soil stratigraphy at the Site consisted of sandy silt topsoil followed by silt, sand and gravel and glacial till. The groundwater table was measured between 4 and 7 mbgs.

2013 TIL Geotechnical Report

The 2013 TIL Geotechnical Report was completed to assess the soil at the Site in relation to future development at the Site. On March 23, 2013, nine boreholes were advanced to depths between 2.4 and 6.6 mbgs at the properties located immediately southeast of the Site; no boreholes were advanced on-Site. According to the 2013 TIL Geotechnical Report, the soil stratigraphy immediately southeast of the Site consisted of sand and gravel fill with occasional cobbles and boulders, and trace sandy silt that extended to depths between 3.1 and 6.6 mbgs. Native sandy silt till deposits were reportedly present below the fill. Moist to wet soil conditions were observed between 0.9 and 5.5 mbgs and was inferred to pertain to a perched water table according to TIL.

2014 Pinchin Site Reconnaissance Letter

The Site investigation completed by Pinchin in 2014 consisted of a Site reconnaissance, as well as a review of regulatory information (i.e., EcoLog Environmental Risk Information Services Inc. (ERIS) report) and a review of the 1998 England Naylor Geotechnical Report and 2013 TIL Geotechnical Report.



The results of the 2014 Pinchin Site Reconnaissance Letter indicated that there were no significant potential environmental concerns associated with the current and historical use of the Site and adjacent properties and as such, no further environmental assessment work was recommended.

Based on Pinchin's review of the above-referenced reports, nothing was identified that is likely to result in potential subsurface impacts at the Site.

3.6 Historical Summary

Based on the results of the historical review, nothing was identified that is likely to result in potential subsurface impacts at the Site.

4.0 REGULATORY INFORMATION AND CORRESPONDENCE

4.1 Site Regulatory Information

Pinchin requested copies of permits, approvals and registrations from the Client and was advised that there is no regulatory information with respect to the Site.

4.2 Ontario Ministry of the Environment and Climate Change

An Ontario Ministry of the Environment and Climate Change (MOECC) Freedom of Information request was submitted to the MOECC for information on file with respect to the Site. Specifically, the MOECC was asked what information it has regarding historical spills, orders, investigations/prosecutions, waste generator numbers/classes, Certificates-of-Approval and Environmental Compliance Approvals. At the time of writing this report, no response had been received from the MOECC. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information. A copy of Pinchin's request submitted to the MOECC is provided in Appendix II of this report.

Pinchin conducted a search of the MOECC *Brownfields Environmental Site Registry*. Based on the results of Pinchin's search, a Record of Site Condition has not been filed for the Site or neighbouring properties within a 1.3 km radius of the Site.

4.3 Technical Standards & Safety Authority

The Technical Standards & Safety Authority (TSSA) was contacted to establish the status of the Site and select properties in the area surrounding the Site that may have used tanks (i.e., 83 Farley Drive, 55 Clairfields Drive East, 4 and 50 Clair Road East and 1750 Gordon Street) with respect to its files, to identify outstanding instructions, tank registrations, incident reports, fuel/oil spills or contamination records associated with the Site and the off-Site properties listed above. Based on email correspondence with Ms.

Suman Guram of the TSSA on February 27, 2017, no information was on file with respect to the properties in the area surrounding the Site for which records searches were completed. A copy of Pinchin's request submitted to the TSSA and their response is provided in Appendix II of this report.

Pinchin received a response from the TSSA dated March 10, 2017 indicating that no records were on file. Copies of Pinchin's request submitted to the TSSA and their response are provided in Appendix II of this report.

4.4 EcoLog ERIS

Pinchin submitted a request to EcoLog Environmental Risk Information Service Ltd. (ERIS) for a review of the following databases, as they pertain to the Site and surrounding properties:

- *"Inventory of PCB Storage Sites"*, dated 1987 to October 2004, 2012 to December 2013;
- *"Ontario Regulation 347 Waste Generators Summary"*, dated 1986 to September 2016;
- *"Ontario Spills"*, dated 1988 to December 2016;
- *"Waste Disposal Sites - MOE CA Inventory"*, dated 1970 to April 2015; and
- *"Waste Disposal Sites - MOE 1991 Historical Approval Inventory"*, dated up to October 1990.

In addition, Pinchin reviewed the following publications prepared by Intera Technologies Inc. for the MOECC:

- *"Inventory of Coal Gasification Plant Waste Sites in Ontario"*, dated April 1987; and
- *"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario"*, dated November 1988.

A copy of the EcoLog ERIS report is provided in Appendix III. Based on a review of the information obtained from the above-noted sources, Pinchin notes the following:

- The Site was not listed in any of the above-noted databases reviewed by Pinchin; and
- Surrounding properties were registered with the MOECC as waste generators and identified in the Ontario Spills database; however, based on the information provided within the EcoLog ERIS report, the locations/distances between these properties and the Site, as well as the inferred groundwater flow direction, it is Pinchin's opinion that the potential issues of concern associated with these listings are unlikely to result in potential subsurface impacts at the Site.

Based on Pinchin's review of the above-noted information sources, nothing was identified that is likely to result in potential subsurface impacts at the Site.



4.5 Regulatory Information Summary

Based on the regulatory information reviewed, nothing was identified that is likely to result in potential subsurface impacts at the Site.

5.0 SITE RECONNAISSANCE

Pinchin (see Appendix IV for assessor qualifications) conducted a Site reconnaissance on February 22, 2017. The Site reconnaissance included a walk-through of accessible areas of the interior of the Site. It should be noted that a representative was not available at the time of the Site visit and, as such, access was not provided to the interior of the Temporary Sales Centre. At the time of the Site reconnaissance, the ground surface was wet and partially covered with snow, and the weather was overcast. The Site reconnaissance was documented with notes and photographs. The results of the Site reconnaissance are discussed below. Photographs of some of the features noted during the Site reconnaissance are attached in Appendix V.

5.1 Hazardous Materials

Topic	Findings
Chemicals	None observed.
Compressed Gases	None observed.
Hazardous Waste	None observed.

5.2 Storage Tanks

5.2.1 Aboveground Storage Tanks

The following ASTs were observed on-Site:

Size (litres)	Construction Material	Single or Double Wall	Age	Product Stored	Location
Unknown	Steel	Double	Circa 2015	Propane	Adjacent to the southwest elevation of the Temporary Sales Centre.
Unknown	Steel	Double	Circa 2015	Propane	Adjacent to the southwest elevation of the Temporary Sales Centre.

5.2.2 Underground Storage Tanks

No evidence of underground storage tanks (USTs) (i.e., fill/vent pipes) was observed on-Site and given the undeveloped nature of the Site, the potential for USTs to be present is low; however, given that the ground surface was partially snow-covered at the time of the Site visit, Pinchin's ability to observe evidence of USTs was limited. Pinchin was unaccompanied at the time of the Site reconnaissance and as such, a representative knowledgeable about the Site was not available to confirm or deny the presence of a former or current UST located at the Site.

5.3 Water and Wastewater

Topic	Findings
Water Supply Source	The Town of Guelph; however, water did not appear to be supplied to the Temporary Sales Centre during the Site visit.
Water Use	None observed.
Sanitary/Process Wastewater Receptor	None observed.
Pits, Sumps or Lagoons	None observed.
Grease Traps	None observed.
Oil/Water Separators	None observed.
Storm Water Flow and Receptor	Storm water would likely run overland to percolate naturally through the soil or discharge into the municipal storm sewers.

Topic	Findings
Wells	None observed.
Watercourses, Ditches or Standing Water	None observed.

5.4 Polychlorinated Biphenyls

The use of polychlorinated biphenyls (PCBs) as dielectric fluids in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors was common up to about 1980. The Federal PCB Regulations, SOR/2008-273, regulate the manufacture, import, export, sale, use and processing of PCBs. In addition, these regulations aim to eliminate the use of high level PCBs (greater than 500 milligrams per kilogram (mg/kg)), as well as low level PCBs (50-500 mg/kg) on or within 100 m of a “Sensitive Site” (e.g., drinking water treatment facility, feed/food processing plant, child care facility, schools, hospitals, etc.), by December 31, 2009. Light ballasts, pole top transformers, and other electrical equipment with low level PCBs (50-500 mg/kg) in non-sensitive sites are aimed to be eliminated by December 31, 2025.

Given the year of construction of the Temporary Sales Centre (circa 2015), it is unlikely that PCBs are present in on-Site electrical equipment. No hydraulic equipment and no transformers were observed during the Site visit.

5.5 Asbestos-Containing Materials

Asbestos-containing materials (ACMs) are commonly found in building construction materials (particularly in older buildings constructed prior to 1985). Friable asbestos (friable is defined as a material that can be crumbled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980s. Non-friable or manufactured asbestos products were widely used in building construction including in vinyl floor tiles, sheet flooring, ceiling tiles, pipe gaskets, roofing materials, asbestos cement boards, and numerous other products until the mid-1980s. A very limited number of non-friable asbestos products in limited quantities are still in use currently in building construction. The application of friable asbestos was banned by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

Given the year of construction of the Temporary Sales Centre (circa 2015), it is considered that there is a low potential for ACMs to be present.

Pinchin did not conduct an asbestos survey as part of this Phase I ESA, nor was any destructive or intrusive sampling or inspection conducted as part of this Phase I ESA.

Prior to any renovation or demolition activities, a designated substance (including asbestos) survey would be required.

5.6 Lead-Containing Paints

Lead was commonly used as an additive in paints with no restricted level up until the mid-1970s. This included architectural paints used on interior and exterior surfaces, consumer paints, and paint on furniture and other household items. Beginning in 1976, the federal government limited the amount of lead in paints to 5,000 parts per million (ppm) and steadily reduced the lead content, primarily in the interest of public safety. The current limit set by the federal government is 90 ppm. In 1991, paint manufacturers initiated a voluntary program to limit lead in paint to 600 ppm, which is considered an action level by the provincial labour regulator; however, even today, there is no restriction on lead in paints used for anti-corrosion purposes (e.g., steel primers and exterior coatings) and road markings.

Given the year of construction of the Temporary Sales Centre (circa 2015), it is unlikely that paints containing lead are present in significant levels (i.e., greater than 600 ppm) on Temporary Sales Centre interior surfaces; however, significant levels (i.e., greater than 600 ppm) may be present on steel primers and other anti-corrosion coatings. Pinchin did not conduct a survey of lead in painted surfaces as part of this Phase I ESA.

Prior to any demolition or renovation activities, a designated substance (including lead) survey would be required.

5.7 Ozone-Depleting Substances

The bulk storage of ozone-depleting substances (ODSs) was not observed. A pad-mounted air-conditioning unit was observed adjacent to the northwest elevation of the Temporary Sales Centre. This unit may include refrigerants, such as R22 or R12, that are noted within the phase-out schedules for elimination in both Provincial and Federal regulations. No other sources of ODSs were observed at the time of the Site reconnaissance.

5.8 Radon

Radon is a radioactive gas formed by naturally occurring radioactive breakdown of uranium in soil, rocks and even groundwater. Radon is invisible and odourless and, as such, cannot be detected by humans. Furthermore, radon escapes from the ground and mixes with outdoor air forming concentrations that are too low to be of concern; however, if radon enters a building the concentrations can accumulate to higher levels. Health Canada has developed guidelines for acceptable levels of radon in buildings and has indicated that radon levels should not exceed 200 Becquerel per cubic metre (Bq/m³); however, there are currently no regulations governing acceptable levels of radon within buildings, and no requirements for

testing or mitigation if levels are found to exceed the current Health Canada guidelines. Testing for radon in the Temporary Sales Centre was beyond the scope of this Phase I ESA.

5.9 Mould or Microbial Contamination

The presence of mould or other microbiological contamination in buildings has become a concern to building tenants and owners due to potential health effects on occupants and users. Provincial Ministries of Labour have recently issued guidelines on enforced regulations to protect the health of construction workers who are exposed to mould in the course of building renovation. The presence of water leaks or high humidity can cause the growth or amplification of mould within building environments.

Access was not provided to the interior of the Temporary Sales Centre at the time of the Site visit and, as such, the presence or absence of mould and/or water damage could not be assessed at the time of this Phase I ESA.

5.10 Air Emissions

Topic	Findings
Washroom Vents	None observed.
Kitchen Vents	None observed.
Heating/Cooling	Air emissions from the propane-fired furnace would likely be vented through the walls or roof of the Temporary Sales Centre.
Emergency Generators	None observed.
Process Vents	None observed.
Odours	No strong, pungent or noxious odours were identified.
Permits / Approvals	The Client advised Pinchin that the Site owner does not hold any permits/approvals for the Site, as related to air emissions or discharges.

5.11 Staining and Stressed Vegetation

Pinchin notes that the ground surface was wet and partially snow-covered at the time of the Site reconnaissance and therefore, a thorough assessment for staining/stressed vegetation could not be completed at the time of the Site reconnaissance. No evidence of historical chemical discharges or releases (i.e., staining or stressed vegetation) was observed during the Site reconnaissance.

5.12 Non-Hazardous Wastes

Topic	Findings
Non-hazardous Wastes	None observed.
Recyclables	None observed.

6.0 ACTIVITIES ON ADJACENT PROPERTIES

The Site is located in an urban area that predominantly consists of residential and commercial land uses. A description of the adjacent properties is summarized in the following table, based on Pinchin's observations from the Site and publicly accessible locations:

	Northwest	Northeast	Southeast	Southwest
Operation or Activity	Vacant land traversed by a ravine/creek followed by residential buildings along Roehampton Crescent, then Clairfields Drive East followed by Gordon Street and residential buildings along Spencer Crescent.	Farley Drive followed by residential buildings along Eugene Drive and Darling Crescent.	Commercial buildings (i.e., Zehrs at 124 Clair Road East and Tim Hortons and Pet Valu at 158 Clair Road East) followed by vacant multi-tenant commercial buildings at 1750 Gordon Street and single and multi-tenant commercial buildings at 2, 4 and 50 Clair Road East (e.g., CIBC, Meridian, etc.)	Gordon Street followed by residential buildings, then Gosling Gardens.
Direction with Respect to Inferred Groundwater Flow	Transgradient.	Upgradient.	Transgradient.	Downgradient.
Visible Emissions	None observed.	None observed.	None observed.	None observed.



	Northwest	Northeast	Southeast	Southwest
Visible Outdoor Storage of Hazardous Materials	None observed.	None observed.	None observed.	None observed.

Based on Pinchin’s observations of the adjacent properties, nothing was observed that is likely to result in potential subsurface impacts at the Site.

7.0 FINDINGS AND RECOMMENDATIONS

Based on the results of the Phase I ESA completed by Pinchin, nothing was identified that is likely to result in potential subsurface impacts at the Site. As such, no subsurface investigation work (Phase II ESA) is recommended at this time.

8.0 TERMS AND LIMITATIONS

All work completed for this assignment was in accordance with the terms and conditions stipulated in the Master Comprehensive Services Agreement between the Client and, Pinchin dated February 1, 2017.

This Phase I ESA was performed in order to identify potential issues of environmental concern associated with the Site located at 98 Farley Drive, Guelph, Ontario, at the time of the Site reconnaissance. This Phase I ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. The scope of work completed by Pinchin, as part of this Phase I ESA, is not sufficient (in and of itself) to meet the requirements for the submission of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04 (as amended). If an RSC is an intended end product of work conducted at the Site, further consultation and/or work will be required.

This report was prepared for the exclusive use of CP REIT (Client) and Boundary Properties Limited, subject to the terms, conditions and limitations contained within the Master Services Agreement. 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 parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency,

misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

The CSA document entitled “Phase I Environmental Site Assessment, CSA Standard Z768-01” dated November 2001 (reaffirmed 2012), does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable Federal, Provincial or Municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase I ESA.

9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

1. EcoLog ERIS report entitled “*ID 2327, 98 Farley Dr, Guelph ON N1L 1M3*” dated February 23, 2017 (ERIS Project #201707721007).
2. Opta Information Intelligence “*98 Farley Drive, Guelph, ON, Canada*”, dated February 24, 2017 (Opta Order ID: 33400).
3. Ontario Ministry of Northern Development and Mines – OGS Earth – Ontario Bedrock Geology:
<http://www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearch>.
4. Toporama – Topographic Maps:
<http://atlas.gc.ca/site/english/maps/topo/map>.
5. Canadian Centre for Occupational Health & Safety:
http://www.ccohs.ca/oshanswers/phys_agents/phys_agents/radon.html.
6. National Air Photo Library, Ottawa, Ontario.
7. Library and Archives of Canada, Ottawa, Ontario.
8. Technical Standards & Safety Authority.
9. Ontario Ministry of the Environment and Climate Change.
10. MOECC Brownfields Environmental Site Registry.
11. Google Earth™ Satellite Imagery.

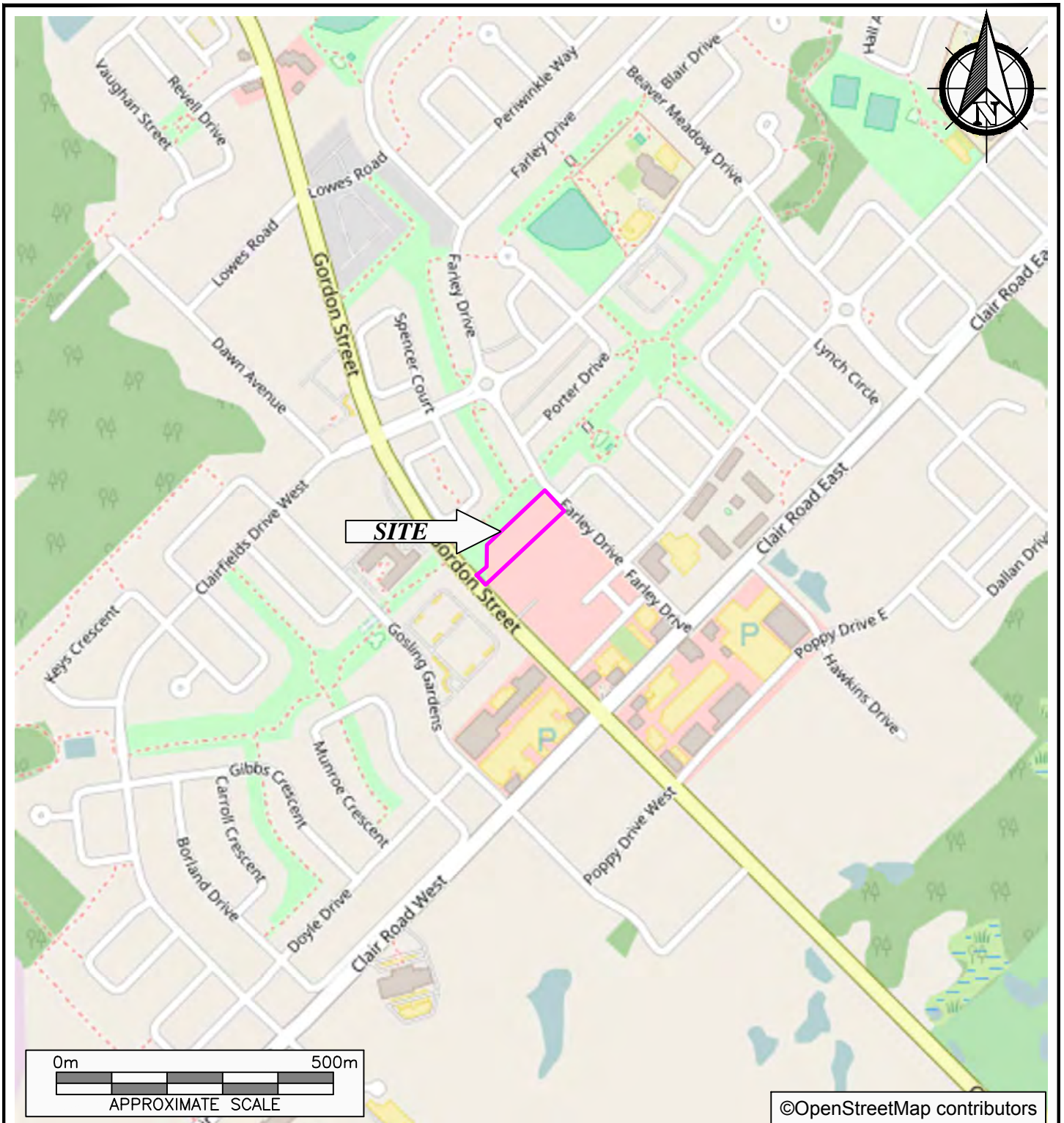


12. “*Cross-Canada Survey of Radon Concentrations in Homes – Final Report*”, prepared by Health Canada and dated March 2012.
13. “*Geotechnical Investigation, Guelph South Subdivision, Gordon Street and Clair Road East, Guelph, Ontario*” prepared by England Naylor Engineering Ltd. for Westminster Woods Limited, dated March 13, 1998.
14. “*Geotechnical Investigation, Gordon Street & Clair Road East, Guelph, Ontario*” prepared by Toronto Inspection Ltd. for Loblaw Properties Limited, dated April 4, 2013.
15. “*Site Reconnaissance and Report Review, 124 Clair Road East, Guelph, ON*” prepared by Pinchin Ltd. for Loblaw Properties Limited, dated September 26, 2014.

\\pinchin.com\ham\Job\201000s\0201475.000 Loblaws,124ClairRdE,EDR,Phase1BCA\Deliverables\ID2327 ON Guelph 98 Farley Drive - Final Phase I ESA, March 13, 2017-201475.docx

Template: Master Report for Ontario Phase I ESA, EDR, December 29, 2016

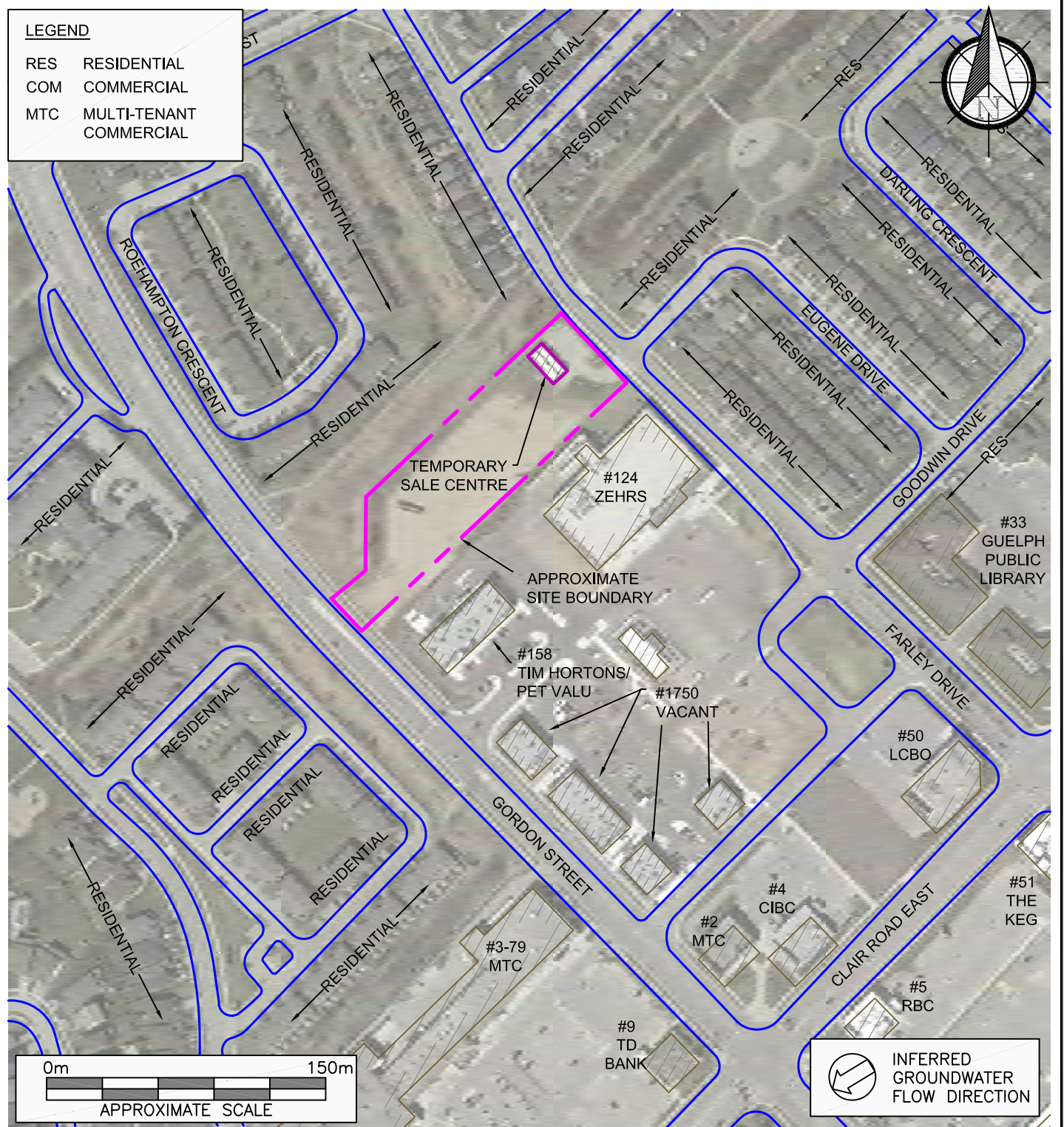
FIGURES



PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CP REIT			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
KEY MAP			
APPROXIMATE SCALE	PROJECT NO.	DATE	1
AS SHOWN	201475	MARCH 2017	


LEGEND

RES RESIDENTIAL
 COM COMMERCIAL
 MTC MULTI-TENANT
 COMMERCIAL



PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CP REIT			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
SITE AND SURROUNDING LAND USE PLAN			
APPROXIMATE SCALE	PROJECT NO.	DATE	2
AS SHOWN	201475	MARCH 2017	



	PROJECT NAME			FIGURE NO.
	PHASE I ENVIRONMENTAL SITE ASSESSMENT			
	CLIENT NAME			
	CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
	PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			3	
FIGURE NAME		AERIAL PHOTOGRAPH 1951		
APPROXIMATE SCALE	PROJECT NO.	DATE		
NTS	201475	MARCH 2017		



7571-126



PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 1962			4
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	



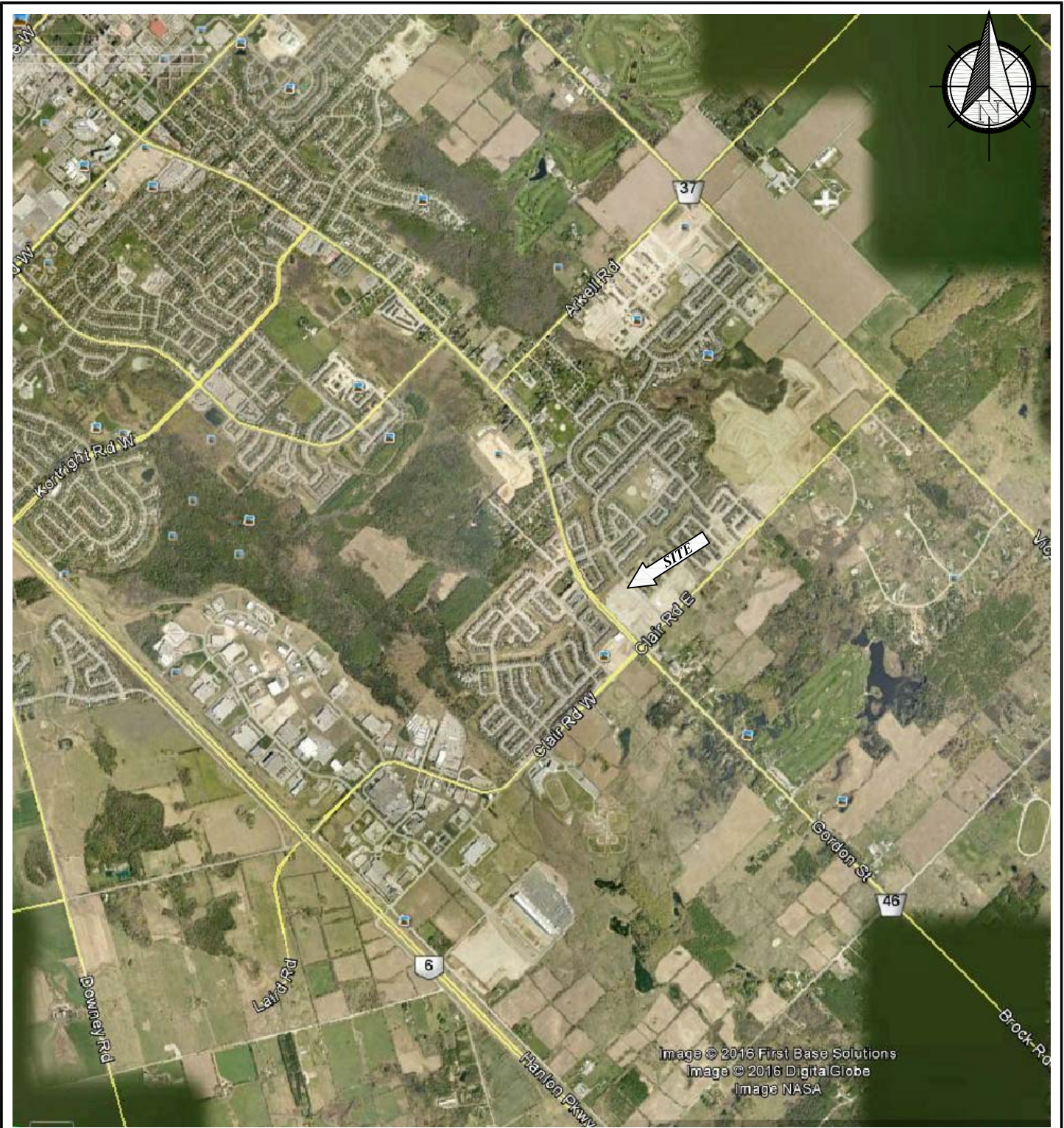
PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 1972			5
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	



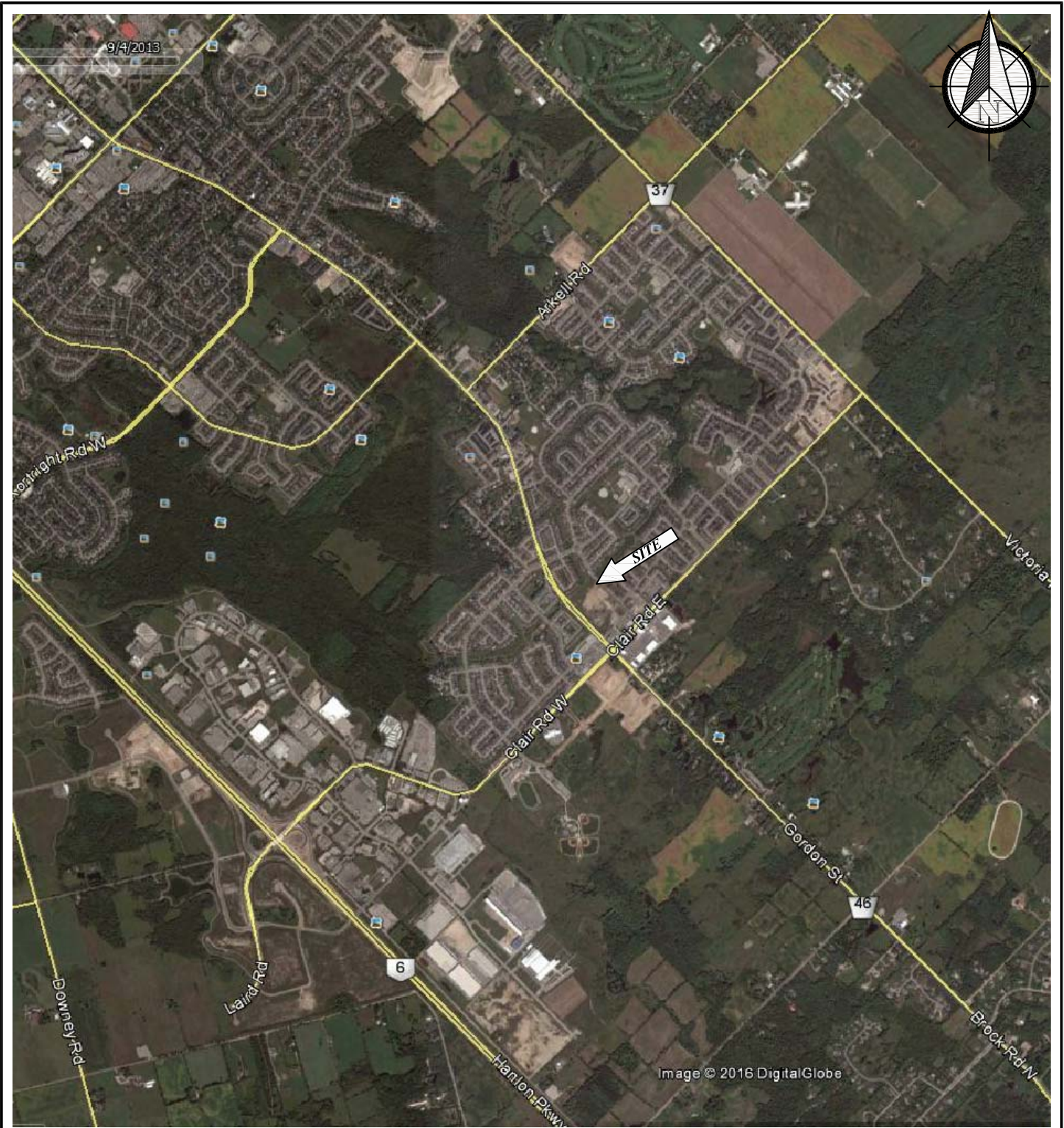
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PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 1981			6
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	



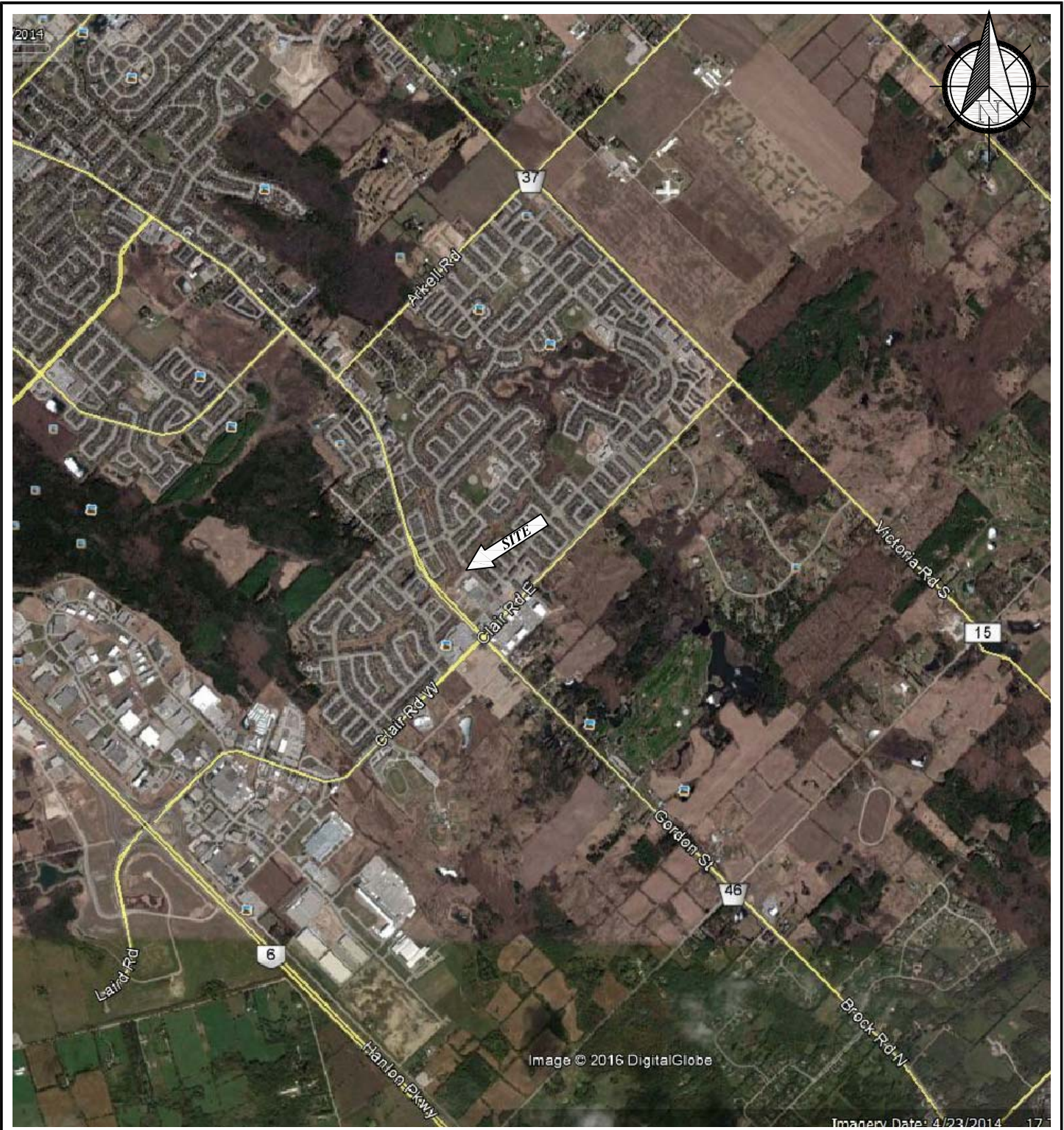
PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 1989			7
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NTS	201475	MARCH 2017	



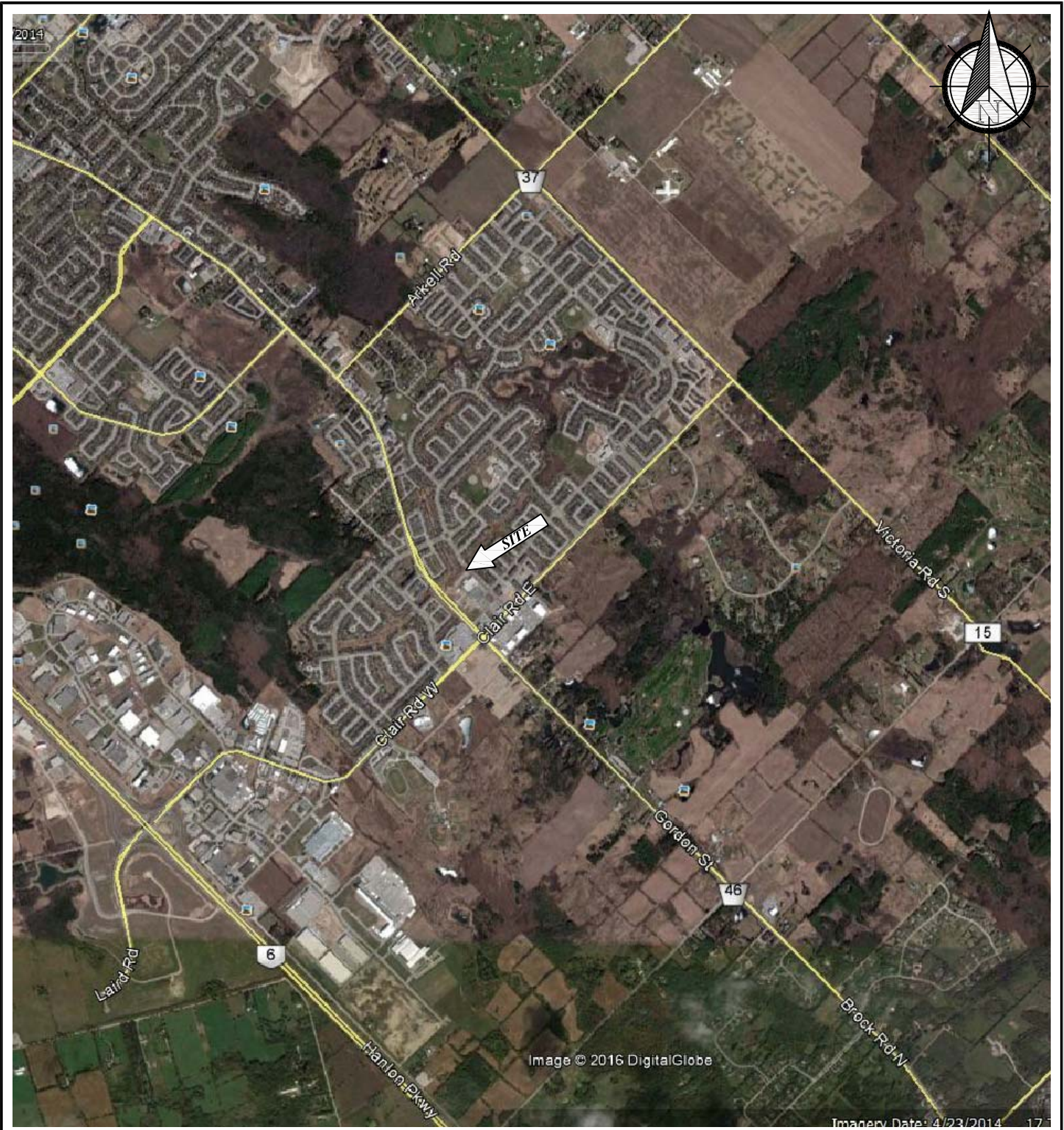
PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 2006			8
APPROXIMATE SCALE	PROJECT NO.	DATE	8
NTS	201475	MARCH 2017	



PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 2013			9
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	

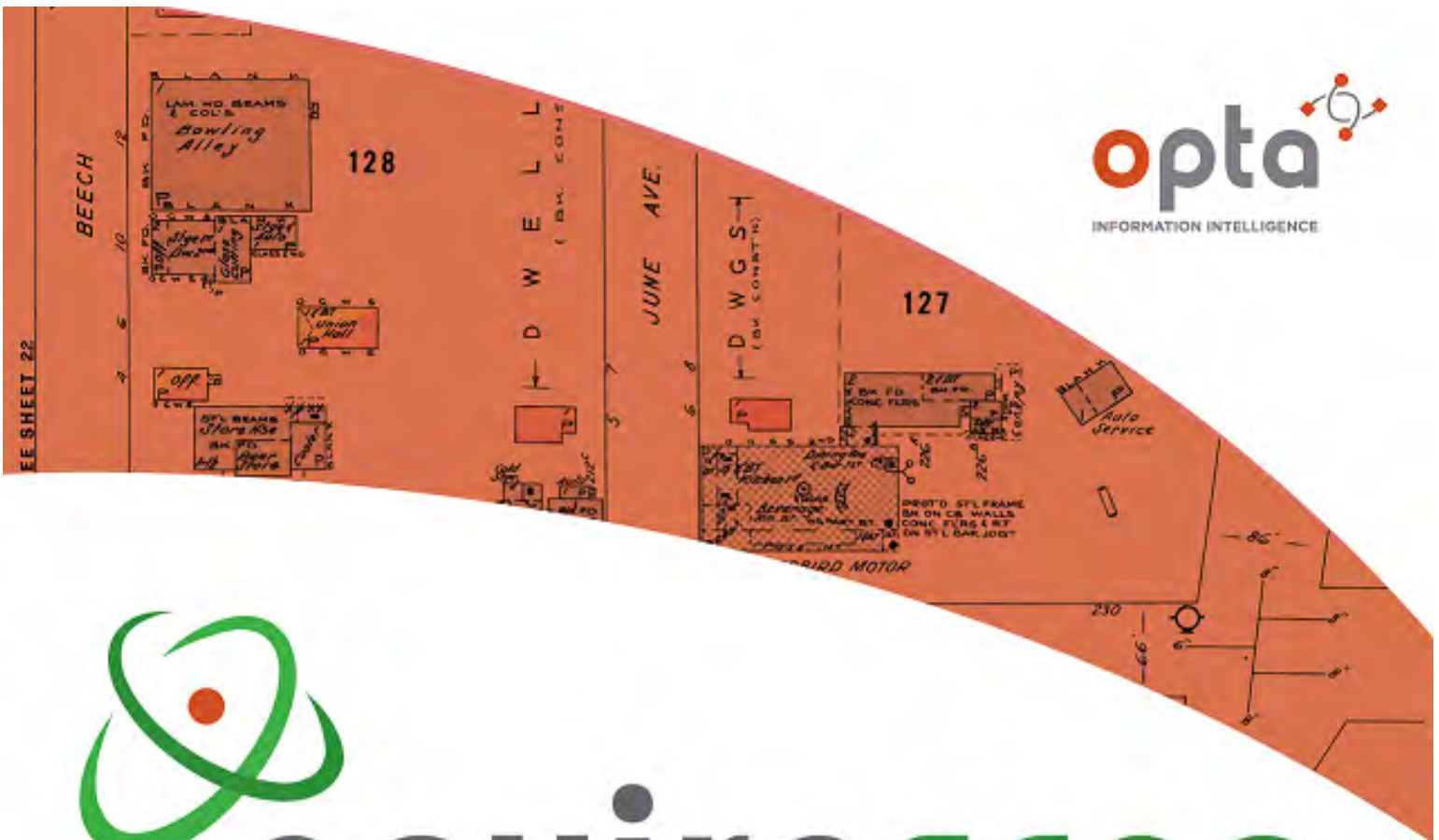


PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 2014			10
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	



PROJECT NAME			
PHASE I ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
CHOICE PROPERTIES REAL ESTATE INVESTMENT TRUST			
PROJECT LOCATION			
98 FARLEY DRIVE, GUELPH, ONTARIO			
FIGURE NAME			FIGURE NO.
AERIAL PHOTOGRAPH 2016			11
APPROXIMATE SCALE	PROJECT NO.	DATE	
NTS	201475	MARCH 2017	

APPENDIX I
Opta Response



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Anthony

Site Address:

98 Farley Drive, Guelph, ON, Canada

Project No:

201475

Opta Order ID:

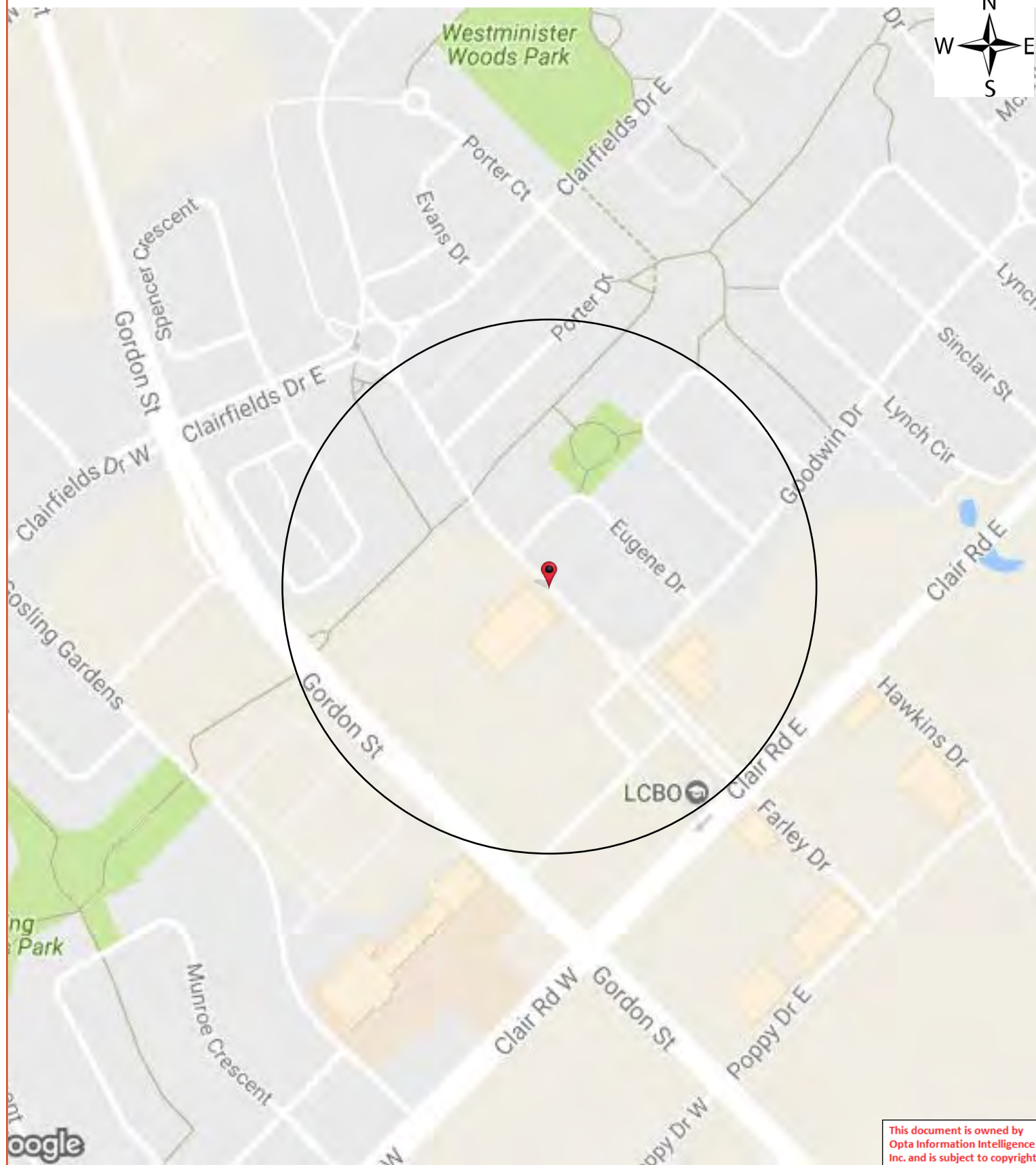
33400

Requested by:

**Donna Ballentyne
Pinchin**

Date Completed:

2/24/2017 7:20:10 AM



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Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

APPENDIX II
Correspondence with Regulatory Agencies



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1626
Toll Free: 1 877 682 8772

www.tssa.org

Tel: (416) 734-3570

Fax: (416) 734-3568

Email: publicinformationservices@tssa.org

10 March 2017
File No: FS 60260

Donna Ballentyne
Project Manager
Environmental Due Diligence & Remediation
PINCHIN LTD.
875 Main Street West
Unit 11
HAMILTON ON L8S 4P9

Dear Madam:

RE: 98 Farley Drive, Guelph, Ontario – Your Project No: 201475

This is with reference to your request and fee of \$50.00 + HST, for information on the above location.

After a search of our files, TSSA has no record of any outstanding instructions, incident reports, fuel oil spills, or contamination records respecting the above-mentioned property.

We have no record of retail facilities or underground storage tanks licensed or registered at the above address.

TSSA cannot guarantee having information on sites that have not been licensed since 1987.

It should be noted that the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990 or furnace oil tanks prior to May 1, 2002. Also note that the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences etc. or ABOVEGROUND gas or diesel tanks.

Yours truly,

Prem Lal
Coordinator Public Information Services

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Donna Ballentyne Pinchin Ltd. 875 Main Street West, Unit 11 Hamilton, ON L8S 4R9 Email Address: dballentyne@pinchin.com			FOI Request No.	Date Request Received
			Fee Paid \$ ~ ACCT ~ CHQ <input checked="" type="checkbox"/> VISA ~ CASH	
Telephone/Fax Nos. Tel : 905-577-6206 ext 1704 Fax : 905-577-6207	Your Project/Reference No. 201475	Signature of Requester	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) 98 Farley Drive, Guelph , ON				
Present Property Owner(s) and Date(s) of Ownership Boundary Properties Limited				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All Years	
Orders			All Years	
Spills			All Years	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All Years	
Waste Generator number/classes			All Years	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions			Yes	All Years
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)			Yes	All Years
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations			Yes	All Years
waste water - industrial discharge			Yes	All Years
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			Yes	All Years
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction			Yes	All Years
pesticides - licenses			NO	

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

APPENDIX III
EcoLog ERIS Report

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *ID 2327
98 Farley Dr
Guelph ON N1L1M3*

Project No: *201475*

Report Type: *Standard Report*

Order No: *20170221007*

Requested by: *Pinchin Ltd*

Date Completed: *February 23, 2017*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property: *ID 2327
98 Farley Dr Guelph ON N1L1M3*

Project No: *201475*

Coordinates:

Latitude: *43.50312*
Longitude: *-80.190182*
UTM Northing: *4,817,006.33*
UTM Easting: *565,465.93*
UTM Zone: *UTM Zone 17T*

Elevation: *1,095 FT
333.88 M*

Order Information:

Order No: *20170221007*
Date Requested: *February 21, 2017*
Requested by: *Pinchin Ltd*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	N	-	-	-
AGR	<i>Aggregate Inventory</i>	N	-	-	-
AMIS	<i>Abandoned Mine Information System</i>	N	-	-	-
ANDR	<i>Anderson's Waste Disposal Sites</i>	N	-	-	-
AUWR	<i>Automobile Wrecking & Supplies</i>	N	-	-	-
BORE	<i>Borehole</i>	N	-	-	-
CA	<i>Certificates of Approval</i>	N	-	-	-
CFOT	<i>Commercial Fuel Oil Tanks</i>	N	-	-	-
CHEM	<i>Chemical Register</i>	N	-	-	-
CNG	<i>Compressed Natural Gas Stations</i>	N	-	-	-
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	N	-	-	-
CONV	<i>Compliance and Convictions</i>	N	-	-	-
CPU	<i>Certificates of Property Use</i>	N	-	-	-
DRL	<i>Drill Hole Database</i>	N	-	-	-
EASR	<i>Environmental Activity and Sector Registry</i>	N	-	-	-
EBR	<i>Environmental Registry</i>	N	-	-	-
ECA	<i>Environmental Compliance Approval</i>	N	-	-	-
EEM	<i>Environmental Effects Monitoring</i>	N	-	-	-
EHS	<i>ERIS Historical Searches</i>	N	-	-	-
EIIS	<i>Environmental Issues Inventory System</i>	N	-	-	-
EMHE	<i>Emergency Management Historical Event</i>	N	-	-	-
EXP	<i>List of TSSA Expired Facilities</i>	N	-	-	-
FCON	<i>Federal Convictions</i>	N	-	-	-
FCS	<i>Contaminated Sites on Federal Land</i>	N	-	-	-
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	N	-	-	-
FST	<i>Fuel Storage Tank</i>	N	-	-	-
FSTH	<i>Fuel Storage Tank - Historic</i>	N	-	-	-
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	6	6
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	N	-	-	-
HINC	<i>TSSA Historic Incidents</i>	N	-	-	-
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	N	-	-	-
INC	<i>TSSA Incidents</i>	N	-	-	-
LIMO	<i>Landfill Inventory Management Ontario</i>	N	-	-	-
MINE	<i>Canadian Mine Locations</i>	N	-	-	-
MNR	<i>Mineral Occurrences</i>	N	-	-	-
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	N	-	-	-

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	<i>Non-Compliance Reports</i>	N	-	-	-
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	N	-	-	-
NDSP	<i>National Defense & Canadian Forces Spills</i>	N	-	-	-
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	N	-	-	-
NEBW	<i>National Energy Board Wells</i>	N	-	-	-
NEES	<i>National Environmental Emergencies System (NEES)</i>	N	-	-	-
NPCB	<i>National PCB Inventory</i>	N	-	-	-
NPRI	<i>National Pollutant Release Inventory</i>	N	-	-	-
OGW	<i>Oil and Gas Wells</i>	N	-	-	-
OOGW	<i>Ontario Oil and Gas Wells</i>	N	-	-	-
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	N	-	-	-
PAP	<i>Canadian Pulp and Paper</i>	N	-	-	-
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	N	-	-	-
PES	<i>Pesticide Register</i>	N	-	-	-
PINC	<i>TSSA Pipeline Incidents</i>	N	-	-	-
PRT	<i>Private and Retail Fuel Storage Tanks</i>	N	-	-	-
PTTW	<i>Permit to Take Water</i>	N	-	-	-
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	N	-	-	-
RSC	<i>Record of Site Condition</i>	N	-	-	-
RST	<i>Retail Fuel Storage Tanks</i>	N	-	-	-
SCT	<i>Scott's Manufacturing Directory</i>	N	-	-	-
SPL	<i>Ontario Spills</i>	Y	0	2	2
SRDS	<i>Wastewater Discharger Registration Database</i>	N	-	-	-
TANK	<i>Anderson's Storage Tanks</i>	N	-	-	-
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	N	-	-	-
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	N	-	-	-
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	N	-	-	-
Total:			0	8	8

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	SPL		1750 Gordon Street Guelph ON	S/122.0	0.48	12
2	GEN	Westminster Woods Medical Centre	33 Farley Dr Guelph ON	ESE/202.9	4.92	12
2	GEN	Westminster Woods Medical Centre	33 Farley Dr Guelph ON N1L 0B7	ESE/202.9	4.92	12
2	GEN	LifeLabs LP	33 Farley Drive, Unit 5 Guelph ON N1L 0B7	ESE/202.9	4.92	13
2	GEN	Guelph Family Health Team	33 Farley Drive Unit 1 Guelph ON N1L 0B7	ESE/202.9	4.92	13
3	SPL	Fieldgate Properties<UNOFFICIAL>	2 Clair Road East Guelph ON	SE/217.5	2.51	13
4	GEN	Gary Daniels Pharmacies Ltd.	7 CLAIR ROAD WEST GUELPH ON	SSW/247.1	0.17	14
4	GEN	Gary Daniels Pharmacies Ltd.	7 CLAIR ROAD WEST GUELPH ON N1L 0A6	SSW/247.1	0.17	14

Executive Summary: Summary By Data Source

GEN - Ontario Regulation 347 Waste Generators Summary

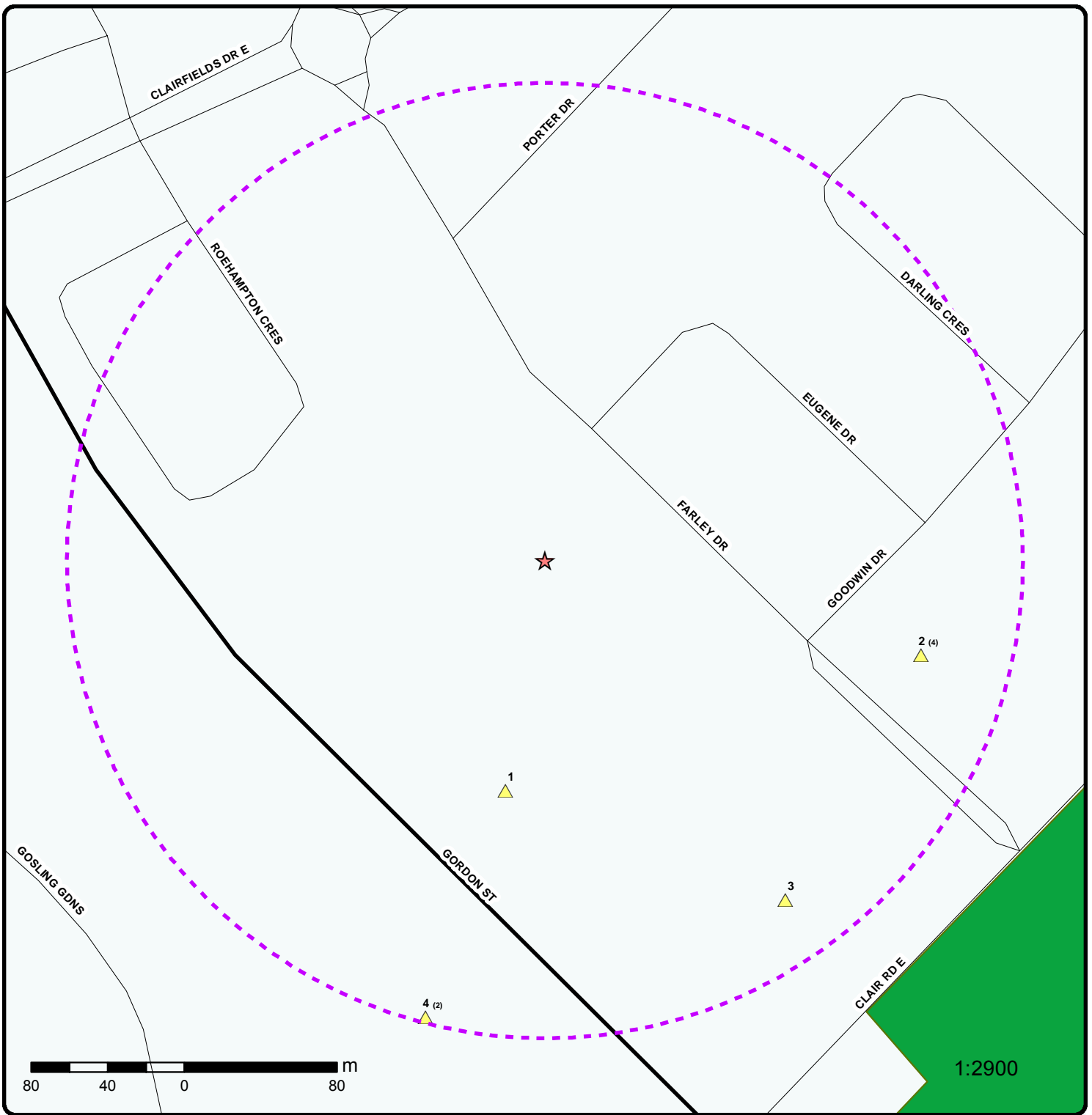
A search of the GEN database, dated 1986-Sep 2016 has found that there are 6 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Westminster Woods Medical Centre	33 Farley Dr Guelph ON N1L 0B7	ESE	202.91	<u>2</u>
LifeLabs LP	33 Farley Drive, Unit 5 Guelph ON N1L 0B7	ESE	202.91	<u>2</u>
Guelph Family Health Team	33 Farley Drive Unit 1 Guelph ON N1L 0B7	ESE	202.91	<u>2</u>
Westminster Woods Medical Centre	33 Farley Dr Guelph ON	ESE	202.91	<u>2</u>
Gary Daniels Pharmacies Ltd.	7 CLAIR ROAD WEST GUELPH ON	SSW	247.09	<u>4</u>
Gary Daniels Pharmacies Ltd.	7 CLAIR ROAD WEST GUELPH ON N1L 0A6	SSW	247.09	<u>4</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1750 Gordon Street Guelph ON	S	122.04	<u>1</u>
Fieldgate Properties<UNOFFICIAL>	2 Clair Road East Guelph ON	SE	217.53	<u>3</u>



Map : 0.25 Kilometer Radius

Order No: 20170221007

Address: 98 Farley Dr, Guelph, ON, N1L1M3



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

80°12'W

43°30'N

43°30'N



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1:10000

Aerial

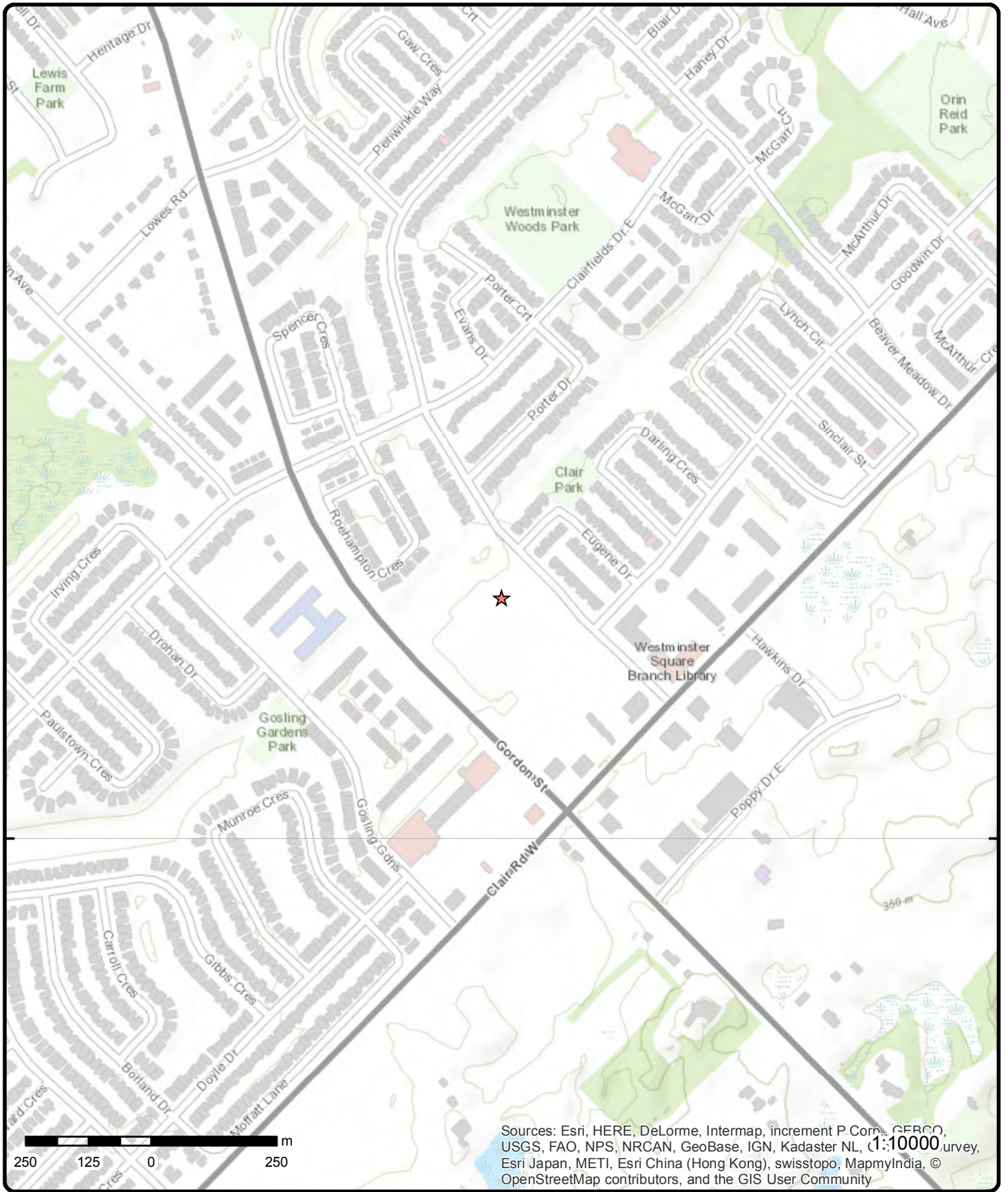
Address: 98 Farley Dr, Guelph, ON, N1L1M3

Source: ESRI World Imagery

Order No: 20170221007



© ERIS Information Limited Partnership



Topographic Map

Address: 98 Farley Dr, Guelph, ON, N1L1M3

Source: ESRI World Topographic Map

Order No: 20170221007



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<u>1</u>	1 of 1	S/122.0	334.4	1750 Gordon Street Guelph ON	SPL
Ref No: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause: Incident Dt: Incident Reason: Incident Summary: MOE Reported Dt: Environmental Impact: Nature of Impact: Receiving Medium: SAC Action Class: Sector Source Type: Receiving Environment: Incident Event: Site Municipality:		0675-9NJU9M 38 FREON (CFC) 454 kg Leak/Break 2014/09/01 Equipment Failure Zehrs - 454kg of R507 to atmosphere 2014/09/01 Confirmed Air Pollution Air Spills - Gases and Vapours Pipeline/Components Guelph			
<u>2</u>	1 of 4	ESE/202.9	338.8	Westminster Woods Medical Centre 33 Farley Dr Guelph ON	GEN
PO Box Num: Status: Country: Generator #: Approval Yrs::: SIC Code: SIC Description:		ON4076420 As of May 2015			
--Details-- Waste Code: Waste Description:		146 Other specified inorganic sludges, slurries or solids			
Waste Code: Waste Description:		312 Pathological wastes			
<u>2</u>	2 of 4	ESE/202.9	338.8	Westminster Woods Medical Centre 33 Farley Dr Guelph ON N1L 0B7	GEN
PO Box Num: Status: Country: Generator #: Approval Yrs::: SIC Code: SIC Description:		Registered Canada ON4076420 As of Sep 2016			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Waste Code:		146 P			
Waste Description:		Other specified inorganic sludges, slurries or solids			
Waste Code:		312 P			
Waste Description:		Pathological wastes			
<u>2</u>	3 of 4	ESE/202.9	338.8	LifeLabs LP 33 Farley Drive, Unit 5 Guelph ON N1L 0B7	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON9525819			
Approval Yrs::		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
<u>2</u>	4 of 4	ESE/202.9	338.8	Guelph Family Health Team 33 Farley Drive Unit 1 Guelph ON N1L 0B7	GEN
PO Box Num:					
Status:		Registered			
Country:		Canada			
Generator #:		ON3882015			
Approval Yrs::		As of Sep 2016			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
<u>3</u>	1 of 1	SE/217.5	336.4	Fieldgate Properties<UNOFFICIAL> 2 Clair Road East Guelph ON	SPL
Ref No:		1358-8YKV4J			
Contaminant Code:		44			
Contaminant Name:		SEWAGE,RAW UNCHLORINATED			
Contaminant Quantity:		0 other - see incident description			
Incident Cause:		Overflow/Surcharge			
Incident Dt:		28-SEP-12			
Incident Reason:		Blockage			
Incident Summary:		Fieldgate Properties: sewage from manhole to vacant field			
MOE Reported Dt:		28-SEP-12			
Environmental Impact:		Confirmed			
Nature of Impact:		Soil Contamination			
Receiving Medium:					
SAC Action Class:		Land Spills			
Sector Source Type:		Sewer (Private or Municipal)			
Receiving Environment:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Incident Event:					
Site Municipality:		Guelph			
4	1 of 2	SSW/247.1	334.0	Gary Daniels Pharmacies Ltd. 7 CLAIR ROAD WEST GUELPH ON	GEN
PO Box Num:					
Status:					
Country:					
Generator #:					
Approval Yrs.:					
SIC Code:					
SIC Description:					
--Details--					
Waste Code:					
Waste Description:					
4	2 of 2	SSW/247.1	334.0	Gary Daniels Pharmacies Ltd. 7 CLAIR ROAD WEST GUELPH ON N1L 0A6	GEN
PO Box Num:					
Status:					
Country:					
Generator #:					
Approval Yrs.:					
SIC Code:					
SIC Description:					
--Details--					
Waste Code:					
Waste Description:					
Waste Code:					
Waste Description:					

Unplottable Summary

Total: **18** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	MAIN CAMPUS/GORDON STREET	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	
GEN	GUELPH, CORPORATION OF THE CITY OF	GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET, GORDON ST.	GUELPH ON	
GEN	UNIVERSITY OF GUELPH 39-068	MAIN CAMPUS GORDON STREET	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	MAIN CAMPUS GORDON STREET	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	
GEN	UNIVERSITY OF GUELPH	MAIN CAMPUS/GORDON STREET	GUELPH ON	N1G 2W1
GEN	UNIVERSITY OF GUELPH	GORDON STREET	GUELPH ON	
GEN	GUELPH, CORPORATION OF THE CITY OF	GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET	GUELPH ON	
GEN	UNIVERSITY OF GUELPH	Main Campus Gordon Street	GUELPH ON	N1G 2W1
SPL	Badger Daylighting Inc.	Clair Road GUELPH WATER TOWER<UNOFFICIAL>	Guelph ON	
SPL	UNKNOWN	FARLEY DRIVE	GUELPH CITY ON	
SPL		Gordon St, Waterloo and Yorkshire	Guelph ON	

Unplottable Report

Site: UNIVERSITY OF GUELPH
Main Campus Gordon Street GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs::: 2012
SIC Code: 611310
SIC Description: Universities

--Details--

Waste Code: 253
Waste Description: EMULSIFIED OILS

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

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 282
Waste Description: NON-HALOGENATED LEAN ORGANICS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 243
Waste Description: PCBS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 231
Waste Description: LATEX WASTES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 270
Waste Description: OTHER SPECIFIED ORGANICS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Site: UNIVERSITY OF GUELPH
 MAIN CAMPUS/GORDON STREET GUELPH ON N1G 2W1

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 90
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

--Details--

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148

Waste Description: INORGANIC LABORATORY CHEMICALS
Waste Code: 211
Waste Description: AROMATIC SOLVENTS
Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES
Waste Code: 222
Waste Description: HEAVY FUELS
Waste Code: 241
Waste Description: HALOGENATED SOLVENTS
Waste Code: 242
Waste Description: HALOGENATED PESTICIDES
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS
Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS
Waste Code: 267
Waste Description: ORGANIC ACIDS
Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: UNIVERSITY OF GUELPH
 Main Campus Gordon Street GUELPH ON

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 2013
SIC Code: 611310
SIC Description: UNIVERSITIES

--Details--

Waste Code: 211
Waste Description: AROMATIC SOLVENTS
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES
Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES
Waste Code: 282
Waste Description: NON-HALOGENATED LEAN ORGANICS
Waste Code: 253
Waste Description: EMULSIFIED OILS
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES
Waste Code: 266
Waste Description: PHENOLIC WASTES

Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
Waste Code:	122
Waste Description:	ALKALINE WASTES - OTHER METALS
Waste Code:	267
Waste Description:	ORGANIC ACIDS
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES
Waste Code:	131
Waste Description:	NEUTRALIZED WASTES - HEAVY METALS
Waste Code:	261
Waste Description:	PHARMACEUTICALS
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	213
Waste Description:	PETROLEUM DISTILLATES
Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS
Waste Code:	112
Waste Description:	ACID WASTE - HEAVY METALS
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS
Waste Code:	269
Waste Description:	NON-HALOGENATED PESTICIDES
Waste Code:	270
Waste Description:	OTHER SPECIFIED ORGANICS
Waste Code:	242
Waste Description:	HALOGENATED PESTICIDES
Waste Code:	264
Waste Description:	PHOTOPROCESSING WASTES
Waste Code:	146
Waste Description:	OTHER SPECIFIED INORGANICS
Waste Code:	147
Waste Description:	CHEMICAL FERTILIZER WASTES
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	221
Waste Description:	LIGHT FUELS
Waste Code:	243
Waste Description:	PCBS
Waste Code:	231
Waste Description:	LATEX WASTES
Waste Code:	222
Waste Description:	HEAVY FUELS

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

Site: GUELPH, CORPORATION OF THE CITY OF
GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET, GORDON ST. GUELPH ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0349004
Approval Yrs::: 98,99,00,01
SIC Code: 8373
SIC Description: ENVIRON. ADMIN.

--Details--

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: UNIVERSITY OF GUELPH 39-068
MAIN CAMPUS GORDON STREET GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs::: 92,93,94,95,96
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

--Details--

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 243
Waste Description: PCB'S

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Site: UNIVERSITY OF GUELPH
 Main Campus Gordon Street GUELPH ON

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 2010
SIC Code: 611310
SIC Description: Universities

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 231
Waste Description: LATEX WASTES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 243
Waste Description: PCBS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 282
Waste Description: NON-HALOGENATED LEAN ORGANICS

Waste Code: 270
Waste Description: OTHER SPECIFIED ORGANICS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 253
Waste Description: EMULSIFIED OILS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 221
Waste Description: LIGHT FUELS

Site: UNIVERSITY OF GUELPH
Main Campus Gordon Street GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:
Status:

Country:
Generator #: ON0179200
Approval Yrs.: 02,03,04,05,06,07,08
SIC Code:
SIC Description:

--Details--

Waste Code: 253
Waste Description: EMULSIFIED OILS

Waste Code: 231
Waste Description: LATEX WASTES

Waste Code: 262
Waste Description: DETERGENTS/SOAPS

Waste Code: 270
Waste Description: OTHER SPECIFIED ORGANICS

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 243
Waste Description: PCB'S

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 282
Waste Description: NON-HALOGENATED LEAN ORGANICS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Site: UNIVERSITY OF GUELPH
 MAIN CAMPUS GORDON STREET GUELPH ON N1G 2W1

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 97,99,00,01
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

--Details--

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 331
Waste Description: WASTE COMPRESSED GASES

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 243
Waste Description: PCB'S

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 261
Waste Description: PHARMACEUTICALS

Site: UNIVERSITY OF GUELPH
 Main Campus Gordon Street GUELPH ON

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 2011
SIC Code: 611310
SIC Description: Universities

--Details--

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131

Waste Description:	NEUTRALIZED WASTES - HEAVY METALS
Waste Code:	222
Waste Description:	HEAVY FUELS
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS
Waste Code:	267
Waste Description:	ORGANIC ACIDS
Waste Code:	243
Waste Description:	PCBS
Waste Code:	270
Waste Description:	OTHER SPECIFIED ORGANICS
Waste Code:	282
Waste Description:	NON-HALOGENATED LEAN ORGANICS
Waste Code:	269
Waste Description:	NON-HALOGENATED PESTICIDES
Waste Code:	261
Waste Description:	PHARMACEUTICALS
Waste Code:	264
Waste Description:	PHOTOPROCESSING WASTES
Waste Code:	121
Waste Description:	ALKALINE WASTES - HEAVY METALS
Waste Code:	253
Waste Description:	EMULSIFIED OILS
Waste Code:	242
Waste Description:	HALOGENATED PESTICIDES
Waste Code:	221
Waste Description:	LIGHT FUELS
Waste Code:	146
Waste Description:	OTHER SPECIFIED INORGANICS
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
Waste Code:	114
Waste Description:	OTHER INORGANIC ACID WASTES
Waste Code:	213
Waste Description:	PETROLEUM DISTILLATES
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES
Waste Code:	112
Waste Description:	ACID WASTE - HEAVY METALS
Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS
Waste Code:	231
Waste Description:	LATEX WASTES

Site: UNIVERSITY OF GUELPH
Main Campus Gordon Street GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:

Status:

Country:

Generator #: ON0179200

Approval Yrs.: As of May 2015

SIC Code:

SIC Description:

--Details--

Waste Code: 114

Waste Description: Other inorganic acid wastes

Waste Code: 212

Waste Description: Aliphatic solvents and residues

Waste Code: 243

Waste Description: PCB

Waste Code: 242

Waste Description: Halogenated pesticides and herbicides

Waste Code: 121

Waste Description: Alkaline slutions - containing heavy metals

Waste Code: 252

Waste Description: Waste crankcase oils and lubricants

Waste Code: 231

Waste Description: Latex wastes

Waste Code: 131

Waste Description: Neutralized solutions - containing heavy metals

Waste Code: 211

Waste Description: Aromatic solvents and residues

Waste Code: 312

Waste Description: Pathological wastes

Waste Code: 221

Waste Description: Light fuels

Waste Code: 147

Waste Description: Chemical fertilizer wastes

Waste Code: 264

Waste Description: Photoprocessing wastes

Waste Code: 266

Waste Description: Phenolic waste streams

Waste Code: 241

Waste Description: Halogenated solvents and residues

Waste Code: 261

Waste Description: Pharmaceuticals

Waste Code: 270

Waste Description: Other specified organic sludges, slurries or solids

Waste Code: 253

Waste Description: Emulsified oils

Waste Code: 232
Waste Description: Polymeric resins

Waste Code: 112
Waste Description: Acid solutions - containing heavy metals

Waste Code: 122
Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Code: 251
Waste Description: Waste oils/sludges (petroleum based)

Waste Code: 263
Waste Description: Misc. waste organic chemicals

Waste Code: 331
Waste Description: Waste compressed gases including cylinders

Waste Code: 146
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 148
Waste Description: Misc. wastes and inorganic chemicals

Waste Code: 267
Waste Description: Organic acids

Waste Code: 145
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 269
Waste Description: Organic non-halogenated pesticide and herbicide wastes

Site: UNIVERSITY OF GUELPH
 Main Campus Gordon Street GUELPH ON

Database:
 GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 2009
SIC Code: 611310
SIC Description: Universities

--Details--

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 122
Waste Description: ALKALINE WASTES - OTHER METALS

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 148

Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	211
Waste Description:	AROMATIC SOLVENTS
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	213
Waste Description:	PETROLEUM DISTILLATES
Waste Code:	221
Waste Description:	LIGHT FUELS
Waste Code:	222
Waste Description:	HEAVY FUELS
Waste Code:	231
Waste Description:	LATEX WASTES
Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS
Waste Code:	242
Waste Description:	HALOGENATED PESTICIDES
Waste Code:	243
Waste Description:	PCBS
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS
Waste Code:	253
Waste Description:	EMULSIFIED OILS
Waste Code:	261
Waste Description:	PHARMACEUTICALS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	264
Waste Description:	PHOTOPROCESSING WASTES
Waste Code:	267
Waste Description:	ORGANIC ACIDS
Waste Code:	269
Waste Description:	NON-HALOGENATED PESTICIDES
Waste Code:	270
Waste Description:	OTHER SPECIFIED ORGANICS
Waste Code:	282
Waste Description:	NON-HALOGENATED LEAN ORGANICS
Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES

Site: UNIVERSITY OF GUELPH
MAIN CAMPUS/GORDON STREET GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 86,87,88,89
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

--Details--

Waste Code: 112
Waste Description: ACID WASTE - HEAVY METALS

Waste Code: 114
Waste Description: OTHER INORGANIC ACID WASTES

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

Waste Code: 131
Waste Description: NEUTRALIZED WASTES - HEAVY METALS

Waste Code: 148
Waste Description: INORGANIC LABORATORY CHEMICALS

Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 222
Waste Description: HEAVY FUELS

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Waste Code: 242
Waste Description: HALOGENATED PESTICIDES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 263
Waste Description: ORGANIC LABORATORY CHEMICALS

Waste Code: 267
Waste Description: ORGANIC ACIDS

Waste Code: 269
Waste Description: NON-HALOGENATED PESTICIDES

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Site: UNIVERSITY OF GUELPH
GORDON STREET GUELPH ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0179200
Approval Yrs.: 98
SIC Code: 8531
SIC Description: UNIVERSITY EDUCATION

--Details--

Waste Code:	112
Waste Description:	ACID WASTE - HEAVY METALS
Waste Code:	114
Waste Description:	OTHER INORGANIC ACID WASTES
Waste Code:	121
Waste Description:	ALKALINE WASTES - HEAVY METALS
Waste Code:	122
Waste Description:	ALKALINE WASTES - OTHER METALS
Waste Code:	131
Waste Description:	NEUTRALIZED WASTES - HEAVY METALS
Waste Code:	145
Waste Description:	PAINT/PIGMENT/COATING RESIDUES
Waste Code:	148
Waste Description:	INORGANIC LABORATORY CHEMICALS
Waste Code:	211
Waste Description:	AROMATIC SOLVENTS
Waste Code:	212
Waste Description:	ALIPHATIC SOLVENTS
Waste Code:	213
Waste Description:	PETROLEUM DISTILLATES
Waste Code:	222
Waste Description:	HEAVY FUELS
Waste Code:	241
Waste Description:	HALOGENATED SOLVENTS
Waste Code:	242
Waste Description:	HALOGENATED PESTICIDES
Waste Code:	243
Waste Description:	PCB'S
Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES
Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS
Waste Code:	261
Waste Description:	PHARMACEUTICALS
Waste Code:	263
Waste Description:	ORGANIC LABORATORY CHEMICALS
Waste Code:	267
Waste Description:	ORGANIC ACIDS
Waste Code:	269
Waste Description:	NON-HALOGENATED PESTICIDES
Waste Code:	312
Waste Description:	PATHOLOGICAL WASTES
Waste Code:	331
Waste Description:	WASTE COMPRESSED GASES

Site: GUELPH, CORPORATION OF THE CITY OF
GORDON STREET RECYCLING DEPOT SOUTH OF WELLINGTON STREET GUELPH ON

Database:
GEN

PO Box Num:
Status:
Country:
Generator #: ON0349004
Approval Yrs.: 92,93,97
SIC Code: 8373
SIC Description: ENVIRON. ADMIN.

--Details--
Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: UNIVERSITY OF GUELPH
Main Campus Gordon Street GUELPH ON N1G 2W1

Database:
GEN

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON0179200
Approval Yrs.: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 112 C
Waste Description: Acid solutions - containing heavy metals

Waste Code: 114 C
Waste Description: Other inorganic acid wastes

Waste Code: 121 C
Waste Description: Alkaline slutions - containing heavy metals

Waste Code: 131 T
Waste Description: Neutralized solutions - containing heavy metals

Waste Code: 122 T
Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Code: 122 C
Waste Description: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Code: 146 T
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 146 R
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 146 L
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 146 C
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 145 T
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 145 L
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 145 I
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code:	147 C
Waste Description:	Chemical fertilizer wastes
Waste Code:	148 T
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 R
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 L
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 I
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 C
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 B
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	148 A
Waste Description:	Misc. wastes and inorganic chemicals
Waste Code:	211 H
Waste Description:	Aromatic solvents and residues
Waste Code:	211 B
Waste Description:	Aromatic solvents and residues
Waste Code:	253 L
Waste Description:	Emulsified oils
Waste Code:	266 B
Waste Description:	Phenolic waste streams
Waste Code:	251 T
Waste Description:	Waste oils/sludges (petroleum based)
Waste Code:	251 L
Waste Description:	Waste oils/sludges (petroleum based)
Waste Code:	212 T
Waste Description:	Aliphatic solvents and residues
Waste Code:	212 L
Waste Description:	Aliphatic solvents and residues
Waste Code:	212 I
Waste Description:	Aliphatic solvents and residues
Waste Code:	212 H
Waste Description:	Aliphatic solvents and residues
Waste Code:	212 B
Waste Description:	Aliphatic solvents and residues
Waste Code:	261 A
Waste Description:	Pharmaceuticals
Waste Code:	221 L
Waste Description:	Light fuels
Waste Code:	221 I
Waste Description:	Light fuels
Waste Code:	270 L
Waste Description:	Other specified organic sludges, slurries or solids
Waste Code:	231 L

Waste Description:	Latex wastes
Waste Code:	232 L
Waste Description:	Polymeric resins
Waste Code:	243 D
Waste Description:	PCB
Waste Code:	252 T
Waste Description:	Waste crankcase oils and lubricants
Waste Code:	252 L
Waste Description:	Waste crankcase oils and lubricants
Waste Code:	312 P
Waste Description:	Pathological wastes
Waste Code:	241 H
Waste Description:	Halogenated solvents and residues
Waste Code:	269 T
Waste Description:	Organic non-halogenated pesticide and herbicide wastes
Waste Code:	269 A
Waste Description:	Organic non-halogenated pesticide and herbicide wastes
Waste Code:	267 L
Waste Description:	Organic acids
Waste Code:	267 C
Waste Description:	Organic acids
Waste Code:	242 T
Waste Description:	Halogenated pesticides and herbicides
Waste Code:	242 B
Waste Description:	Halogenated pesticides and herbicides
Waste Code:	331 T
Waste Description:	Waste compressed gases including cylinders
Waste Code:	331 I
Waste Description:	Waste compressed gases including cylinders
Waste Code:	331 C
Waste Description:	Waste compressed gases including cylinders
Waste Code:	264 T
Waste Description:	Photoprocessing wastes
Waste Code:	263 T
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 R
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 L
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 I
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 C
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 B
Waste Description:	Misc. waste organic chemicals
Waste Code:	263 A
Waste Description:	Misc. waste organic chemicals

Site: Badger Daylighting Inc.
Clair Road GUELPH WATER TOWER<UNOFFICIAL> Guelph ON

Database:
SPL

Ref No: 0031-6UGVH4
Contaminant Code: 41
Contaminant Name: Process water (N.O.S.)
Contaminant Quantity: 20 L
Incident Cause:
Incident Dt: 10/11/2006
Incident Reason:
Incident Summary: Guelph: Badger discharged truck contents
MOE Reported Dt: 10/11/2006
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Guelph

Site: UNKNOWN
FARLEY DRIVE GUELPH CITY ON

Database:
SPL

Ref No: 225459
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Dt: 5/14/2002
Incident Reason: INTENTIONAL/PLANNED
Incident Summary: UNKNOWN--5L JUG OF MOTOR OIL FOUND TURNED OVER ON SEWER.OIL HAS GONE IN.
MOE Reported Dt: 5/14/2002
Environmental Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 75101

Site: Gordon St, Waterloo and Yorkshire Guelph ON

Database:
SPL

Ref No: 0443-6D8NAW
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 90.9 L
Incident Cause:
Incident Dt: 6/10/2005
Incident Reason:
Incident Summary: diesel on road being cleaned by city
MOE Reported Dt: 6/10/2005
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land
SAC Action Class: Spills to Highways (usually highway accidents)
Sector Source Type: Other Motor Vehicle
Receiving Environment:
Incident Event:
Site Municipality: Guelph

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 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 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: Oct 31, 2016

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: Oct 31, 2016

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: Oct 31, 2016

Compressed Natural Gas Stations:

Private [CNG](#)

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial [COAL](#)

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial [CONV](#)

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

Government Publication Date: 1989-Nov 2016

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-Dec 2016

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886-Aug 2015

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Nov 2016

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-Dec 2016

Environmental Compliance Approval:

Provincial **ECA**

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

Government Publication Date: Oct 2011-Nov 2016

Environmental Effects Monitoring:

Federal **EEM**

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private **EHS**

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

Government Publication Date: 1999-Aug 2016

Environmental Issues Inventory System:

Federal **EIIS**

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

Government Publication Date: May 31, 2014

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: Oct 31, 2016

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-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: Oct 31, 2016

Fuel Storage Tank - Historic:

Provincial **FSTH**

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial **GEN**

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013 - Dec 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 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: Oct 31, 2016

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: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2016

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-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 Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-2014

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-Jun 2016

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-Oct 2016

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Dec 2016

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: 1988-Oct 2016

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: Oct 31, 2016

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-Dec 2016

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-Dec 2016

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: Oct 31, 2016

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-Dec 2016

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: 1990-2014

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-Jan 2015

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: Oct 31, 2016

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-Nov 2016

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: Jun 30, 2016

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX IV
Qualifications of Assessor



Melissa Gallagher, P.Eng., Project Engineer

Melissa Gallagher is a Project Engineer within the Environmental Due Diligence & Remediation (EDR) Group with Pinchin Ltd. Melissa has experience in conducting Phase I, II and III Environmental Site Assessments, remediation, field sampling of soil, groundwater and bedrock, monitoring and preparation of professional reports. Melissa obtained a Bachelor of Applied Science degree in Chemical Engineering from the University of Toronto in 2010 and a Graduate Certificate in Environmental Engineering Applications from Conestoga College in 2011. In June 2016, Melissa obtained the professional designation of Professional Engineer (P.Eng.) with the Professional Engineers Ontario. Prior to joining Pinchin in 2011, Melissa worked as a Junior Marine Technician at Environment Canada.

APPENDIX V
Photographs



Photo 1 – General view of the Temporary Sales Centre (northeast elevation and partial southeast elevation).



Photo 2 – Representative view of the Site.



Photo 3 – Adjacent properties northwest of the Site.



Photo 4 – Adjacent properties northeast of the Site.



Photo 5 – Adjacent properties southeast of the Site.



Photo 6 – Adjacent properties southwest of the Site.