



Englobe

Soils Materials Environment

1666144 Ontario Ltd.

**95 Victoria Street South (West Parcel)
Woodstock, Ontario**

Phase I Environmental Site Assessment Report

Date: April 19, 2018

Ref. N°: 128-B-0018667-1-SG-R-0001-00



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Prepared by:

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London Operations Manager

EXECUTIVE SUMMARY

Englobe Corp. (Englobe) was retained by 1666144 Ontario Ltd. (hereafter referred to as the “Client”) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 95 Victoria Street South, Woodstock, Ontario (hereinafter referred to as the “Site” or the “subject property”). The property is proposed to be severed into two separate parcels (east and west). The following report solely covers the west parcel. The location of the Site is shown on the attached Location Plan, Drawing 1, in Appendix 1.

Englobe understands that this report is required for due diligence purposes, in conjunction with the potential financing of the subject property. It is also understood that the Phase I ESA will not be used in support of the filing a Record of Site Condition (RSC) for the subject property with the Ontario Ministry of the Environment and Climate Change (MOECC).

The Phase I ESA included a review of historical information for the Site and surrounding properties, a Site reconnaissance, and a final report on the findings of the assessment. No intrusive investigation or chemical testing (i.e. sampling or testing of air, soil, groundwater, surface water or building materials) was carried out as part of this Phase I ESA. In addition, this Phase I ESA did not include an assessment of biological features or related aspects of the natural environment. This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, which may exist on the Site.

The subject property is situated in the south-central portion of the City of Woodstock. The Client owns three parcels of land on the north side of Henry Street on the northeast corner of Henry and Victoria Streets, and the Site is considered to be the West parcel. The Client has recently submitted a severance plan to the City of Woodstock which proposed to decrease the area of the Site from 0.35 hectares to approximately 0.30 hectares and in order to expand the area of the easterly parcel for development purposes. The Site is currently occupied by the Client who is completing extensive structural and interior finish renovations prior to commencing operations as a restaurant, bar and private dining club. A Site Plan is enclosed as Drawing 2, in Appendix 1.

Local properties consist of residential single family and multi-family housing, a printing facility, an operating rail line, a veterinarian, and a machine shop and automotive part supplier.

Based on the findings of this Phase I ESA, no evidence was identified of issues representing actual or known/previously documented environmental impacts to soil or groundwater at the subject property. Evidence was identified of issues interpreted by Englobe to represent potential environmental contamination to the subject property, summarized as follows:

- ▶ Historically, a rail line has operated immediately north of the Site for more than 100 years. Cinder and slag fill, as well as fuel spills are not uncommon along rail lines. The property located on the north side of the rail line, approximately 90m northwest of the Site, is occupied by a machine shop which has been operating since the 1940s, and is listed as a generator of petroleum waste. These properties represent a potential for environmental concern to the Site.

- ▶ The property located at 595 Henry Street, approximately 50m east of the Site, is occupied by a printing company which is listed as a generator of petroleum distillates, photo processing and graphic art wastes. This property represents a potential for environmental concern to the Site.

If an opinion is required as to whether the on-Site and off-site operations have impacted the environmental condition of soil and shallow groundwater on-site, the sampling and analysis of such materials (i.e. a Phase II ESA) for targeted compounds would be required.

In order to establish whether the above noted findings represent environmental issues for the Site, Englobe recommends the following actions:

- ▶ Conduct drilling and sampling of soil and shallow groundwater to assess for potential impacts resulting from the rail line and the printer to the east. Boreholes should be advanced along the north and east property boundaries.

The Statement of Limitations, as described below, is an integral part of this report and should be considered when reviewing this document and the findings and conclusions contained herein. It is important to note that a Phase I ESA involves no physical testing of the Site and that it is intended to reduce but not eliminate the uncertainty regarding the potential for contamination of a Site. As noted in the Canadian Standards Association Standard Z768-01 "*...the role of the Assessor is to document evidence of actual or potential contamination and not to judge the acceptability of risks associated with such contamination*".

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Test results mentioned herein are only valid for the sample(s) stated in this report.

Englobe's subcontractors who may have accomplished work either on site or in laboratory are duly qualified as stated in our Quality Manual's procurement procedure. Should you require any further information, please contact your Project Manager."

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Attention: Mr. Terry Dacosta

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1 INTRODUCTION

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The subject property is situated in the south-central portion of the City of Woodstock. The Client owns three parcels of land on the north side of Henry Street on the northeast corner of Henry and Victoria Streets, and the Site is considered to be the West parcel. The Client has recently submitted a severance plan to the City of Woodstock which proposed to decrease the area of the Site from 0.35 hectares to approximately 0.30 hectares and in order to expand the area of the easterly parcel for development purposes. The Site is currently occupied by the Client who is completing extensive structural and interior finish renovations prior to commencing operations as a restaurant, bar and private dining club. A Site Plan is enclosed as Drawing 2, in Appendix 1.

Local properties consist of residential single family and multi-family housing, a printing facility, an operating rail line, a veterinarian, and a machine shop and automotive part supplier.

2 SCOPE OF INVESTIGATION

Englobe understands that this report is required for due diligence purposes, in conjunction with the potential financing of the of the subject property. It is also understood that the Phase I ESA will not be used in support of the filing a Record of Site Condition (RSC) for the subject property with the Ontario Ministry of the Environment and Climate Change (MOECC).

The Phase I ESA included a review of historical information for the Site and surrounding properties, a Site reconnaissance, and a final report on the findings of the assessment. No intrusive investigation or chemical testing (i.e. sampling or testing of air, soil, groundwater, surface water or building materials) was carried out as part of this Phase I ESA. In addition, this Phase I ESA did not include an assessment of biological features or related aspects of the natural environment. This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, which may exist on the Site.

Surrounding properties may affect or be affected by the property being assessed; the historical review included the adjoining sites and surrounding properties within 250 m from the Site, including the following:

- ▶ current and historic land use of the Site and neighbouring properties;
- ▶ known or potential contamination on the Site and on neighbouring properties; and,
- ▶ Site topography and groundwater flow directions which would influence the migration of contaminants onto or away from the Site.

The information review of the Site and surrounding properties included the following sources of information:

- ▶ a review of environmental source information including MOE search databases and a review of an EcoLog ERIS report;
- ▶ a review of relevant Fire Insurance Plans (where/if available);
- ▶ correspondence with the Technical Safety Standards Authority (TSSA) regarding potential fuel storage tanks on the subject property;
- ▶ a review of municipal directories (where/if available); and,
- ▶ a review of physical setting sources including aerial photographs, topography, hydrology and geology maps, the presence of fill materials, water bodies and areas of natural significance, and water well records.

A Site reconnaissance visit was completed on December 18, 2017 by Englobe environmental staff, in order to observe the conditions at the Site and surrounding properties.

The Site reconnaissance was intended to observe the following:

- ▶ hazardous materials – usage, storage, disposal, treatment, and transport on the Property (if any);
- ▶ product handling, raw material storage/transportation, equipment cleaning, etc.;
- ▶ storage tanks and containers – above ground and underground tanks and containers;
- ▶ water supply – source of potable water;
- ▶ stained soil, pavement, concrete, floors and walls;
- ▶ general housekeeping;
- ▶ sewage disposal – pits, lagoons, septic systems, and wastewater treatment;
- ▶ topographic, geological, and hydrogeological features;
- ▶ watercourses, ditches, and standing water; and,
- ▶ adjacent properties – adjacent land uses that might impact the Property.

Key aspects of the Site were documented on photographs for future reference and are included with this report as Appendix 2.

3 SITE DESCRIPTION

The Site subject to this Phase I ESA is described as follows:

Table 1 : Site Information

DATA	SITE SPECIFIC INFORMATION
Geographic Coordinates	Latitude/Longitude: 43.12634 N, -80.750693 W Universal Transverse Mercator (UTM): 520,278.95 Easting, 4,774,874.98 Northing (approximate centre of Site)
Assessment Roll Number (ARN)	324206006013400

DATA	SITE SPECIFIC INFORMATION
Legal Description	PLAN 212 LOTS 3,4,5,6
Municipal/Civic Address	95 Victoria Street South, Woodstock, Ontario
Surface Area	Approximately 0.78 acres
Number of Buildings	One commercial building. Storage 'sea can' also onsite.
Current Owner	Terry DeCosta
Current Use/Zoning	C4 – Highway Commercial

4 RECORDS REVIEW

4.1.1 Site History

Historical documentation indicates that the Site had been occupied by the Rapson House with hotel, restaurant and livery buildings since at least 1913. A small addition was constructed prior to 1949 to connect the north portions of the hotel and restaurant buildings. According to aerial photographs, the livery building was demolished sometime in the 1960s, and prior to 2000 an addition was constructed fully expand the central connection area. One building is presently located on the Site, and is currently undergoing significant structural and interior renovations. No business is currently operating onsite.

4.1.2 Fire Insurance Plans/Historical Documents

Fire Insurance Plans (FIPs) for the City of Woodstock were available for various years from 1903 to 1949. The 1919 Plan indicates that the Rapson House hotel with restaurant and horse stable were on the Site. The name of the business had changed to the Southside Inn by 1941, and the Southside House hotel was connected to the 'Grill' building in the 1949 Plan.

The 1903 and 1919 FIPs indicate that a tannery was located approximately 150 metres southwest of the Site. The 1941 and 1949 FIPs indicate that a vehicle manufacturing business was located approximately 60 m to the southwest, and a machine shop was located approximately 90 m northwest of the Site.

4.1.3 Previous Reports

There were no previous reports available for Englobe to review, and the Client was not aware of any previous reports.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1 Government Environmental Databases

A summary of information obtained from online databases from regulatory and research agencies are provided below:

- **MOE Inventory of Coal Gasification Plant Waste Sites in Ontario:** A review of the MOE's Inventory of Coal Gasification Plant Waste Sites in Ontario (April 1987) revealed that the Site has not been used for the gasification of coal. The only identified coal gasification plant was located at Young Street, bounded by Burtch Street and Peel Street, approximately 350 metres to the northeast. The inventory indicated that there were issues related to the presence of coal tar on the former

gasification site in 1986, however there was no evidence of significant migration off that site and it is unlikely that environmental impacts have occurred on the Subject Property.

- ▶ **MOE Inventory of Industrial Site Producing Coal Tars and Related Tars in Ontario:** A review of the MOE's Inventory of Industrial Sites Producing Coal Tars and Related Tars in Ontario (November 1988) indicated that the production and use of coal or other tars has not taken place at the Site or surrounding properties.
- ▶ **MOE Inventory of PCB Storage Sites in Ontario:** The Site and surrounding properties were not listed in the PCB Storage Sites in Ontario (OPCB) or National PCB Inventory (NPCB) databases as PCB storage facilities.
- ▶ **MOE Landfill Inventory Management Ontario (LIMO) Registry:** A search of all open and closed landfills indicated that there are no open or closed landfills within the Phase I Study Area. The only listings for Woodstock are for a **closed** private landfill (A070206) on the rail lands at the corner of Winnett Street & Drew Street, approximately 1.0 kilometre northwest of the Site; and a **closed** municipal land fill at the southwest corner of Parkinson Road and Bower Hill Road (A070101), approximately 1.0 kilometre southwest of the Site. Environmental impacts from these sources are not anticipated.
- ▶ **Technical Standards and Safety Authority (TSSA):** The TSSA was contacted regarding the presence of fuel storage tanks on the Site. No response was available within the time frame to carry out this Phase I ESA, the client will be updated when a response is received.
- ▶ **MOE Hazardous Waste Information Network (HWIN):** A review of the information contained in the MOE Hazardous Waste Information Network (HWIN) and the ERIS report indicated that the subject property and the surrounding properties are not identified as generators of registered waste materials.
- ▶ **MOE Brownfield Environmental Site Registry:** A review of the MOE's on-line Record of Site Condition (RSC) databases revealed no information relating to environmental investigations, remedial activities or RSCs for the Site or any surrounding properties.
- ▶ **MOE Environmental Bill of Rights Registry (EBR):** A review of the MOE's on-line EBR registry and the ERIS report revealed that there are seven (7) records of Certificates of Approval (CA), no records of Environmental Registry (EBR) and no Environmental Compliance Approval (ECA). These are described in the ERIS report in Section 4.2.2.

4.2.2 EcoLog ERIS

A record and regulatory agency database review was completed through a database search carried out by EcoLog ERIS. The EcoLog ERIS report includes a review of public and private database records for the subject property and surrounding properties within a 250 m radius of the Site. The report includes

a Site diagram and a summary, which describe records that relate directly to the Site and records found within the study area.

There were no records identified for the Site. A total of 51 records were identified for the surrounding properties

The EcoLog ERIS report was reviewed in its entirety as part of the Phase I ESA information review. Information in the ERIS report which is interpreted by Englobe to be environmentally relevant to the Site is briefly summarized below, however the EcoLog ERIS report (Appendix 3) should be directly reviewed for specific details. The findings of this database search are summarized hereafter:

Table 2 : ERIS Report Summary

KEY	LOCATION	DIR	DATA	DESCRIPTION
2	595 Henry Street	E	CA	Reliable Electric Sales & Services Ltd. – Approved for a burn off oven. Contaminates include suspended particulate matter and nitrogen oxides.
2	595 Henry Street	E	GEN	Reliable Electric Sales & Services Ltd. – Listed as a generator of petroleum distillate wastes.
2	595 Henry Street	E	GEN	Nethercott Press Inc. – Listed as a generator of petroleum distillates, photo processing and graphic art wastes.
2	595 Henry Street	E	SCT	Nethercott Press Inc. – Listed as a digital printing facility.
4	Victoria Street/Henry Street	SW	CA	Oxford County, Public Works. – Approved for municipal water works.
9	168 Victoria Street South	SSE	INC	There was a release of CO in a Multi-unit residential building with no environmental impact listed.
11	575 Main Street	NW	GEN	Whitelaw Automotive & Industrial Supply Company. – Listed as a generator of paint/pigment/coating residues waste.
15	572 Main Street	WNW	SCT	Whitelaw Machine Co. Ltd. – Listed as an industrial machinery manufacturer.
16	Wellington Street/Henry Street	WSW	CA	Woodstock City. – Approved for municipal sewage works.
16	Wellington Street/Henry Street	WSW	CA	Oxford County. – Approved for municipal water works.
17	95 Wellington Street South	WNW	GEN	Dr. Donna Flanagan. – Listed as a generator of inorganic laboratory chemicals, pathological, photo processing and organic laboratory chemical wastes.
17	95 Wellington Street South	WNW	GEN	Dr. Elizabeth Dennis. – Listed as a generator of inorganic laboratory chemicals, pathological and photo processing wastes.
20	640 Main Street	NE	SCT	Chieftain Weldquip Inc. – Listed as a special dies, tools and industrial molds distributor.
20	640 Main Street	NE	SCT	Arrow Specialties. – Listed as a nondurable goods, N.E.C.
20	640 Main Street	NE	SCT	Chieftain Marketing. – Listed as a distributor of machinery, chemicals, paper and disposable plastic products.
21	Francis Street/East Park Drive	ESE	CA	PUC Woodstock. – Approved for municipal water works.
-	Young Street bounded by Young, Peel and Burch Street	NE	COAL	Woodstock Gas Works. – A small coal gasification plant operated from 1876 to 1919. Tar was first noticed in excavation for a watermain on Young Street. There is a strong potential for environmental impact at this site.

Note: KEY – Key reference number as denoted in the ERIS report.
DIR. – direction from the Site.

DATA – Database
Directions are referenced from geodetic (true) north.

A number of potential concerns were identified from the ERIS report. The property located approximately 50 m to the east of the Site is a printing company and is listed as a generator of petroleum distillates, photo processing and graphic art wastes. The property located approximately 90m northwest of the Site is a machine shop listed as a generator of petroleum wastes.

A small coal gasification plant was also in operation from 1876 to 1919 approximately 350m northeast of the Site. It was described as having a strong potential for having environmental impacts at the site, however there was no evidence of significant migration off that site and it is unlikely that environmental impacts have occurred on the Subject Property.

4.3 PHYSICAL SETTING SOURCES

4.3.1 Topographic Maps and Aerial Photographs

Aerial photographs dated 1945, 1950, 1966, and 1972 were reviewed at the Map & Data Centre at Western University. Additionally, aerial photographs dated 2000, 2006 and 2015 were viewed on the City of London's GIS website. These are summarized in Table 2, below and the 1945, 1966, 1972, and 2000 aerial photographs are illustrated as Drawings 3 to 6 in Appendix 1, and the aerial photograph from 2015 is used as the Site Plan, Drawing 2 in Appendix 1.

Table 3 : Aerial Photographs

DWG.	YEAR	LOCATION	COMMENTS
3	1945	Site	Three buildings are located on the west side of the Site, consisting of a hotel, restaurant and stable. Several trees are located along the north Site boundary.
		North	Canadian National Railway, followed by single family residential houses and a machine shop.
		South	Henry Street road allowance, followed by single family residential houses.
		West	Victoria Street South road allowance, followed by single family residential houses. An industrial building is located to the southwest.
		East	Bay Street road allowance, followed by vacant land and residential houses.
-	1950	Site	Similar to previous aerial photograph, a small addition is constructed to connect the restaurant and the hotel.
		North	Similar to previous aerial photograph.
		South	Similar to previous aerial photograph, additional residential houses are built.
		West	Similar to previous aerial photograph, an addition has been constructed on the industrial building.
		East	Similar to previous aerial photograph, development has started on the vacant land.
4	1966	Site	The stable has been demolished.
		North	Similar to previous aerial photograph.
		South	Similar to previous aerial photograph.
		West	An industrial building has been constructed.
		East	Similar to previous aerial photograph, a commercial/industrial building has been constructed.
5	1972	Site	Similar to previous aerial photograph, trees along north property boundary have been removed.
		North	Similar to previous aerial photograph.
		South	Similar to previous aerial photograph,
		West	Similar to previous aerial photograph, two additional industrial buildings have been constructed.
		East	Similar to previous aerial photograph.
6	2000	Site	Grassed area on east end of the Site has been removed. An addition fully connects the hotel and the restaurant.
		North	Main Street has been reconstructed. New industrial building has been constructed to the northwest.
		South	Similar to previous aerial photograph, additional residential townhouses have been constructed.

DWG.	YEAR	LOCATION	COMMENTS
		West	Adjacent residential houses have been demolished and replaced by a train station. Wellington Street South and the Wellington Bridge have been reconstructed. Industrial building to the southwest has been demolished and replaced by residential townhouses.
		East	Bay Street and Bay Street Bridge have been removed. Two industrial buildings have been removed.
-	2006	Site	Similar to previous aerial photograph.
		North	Similar to previous aerial photograph. Addition constructed on the industrial building to the northwest.
		South	Similar to previous aerial photograph.
		West	Similar to previous aerial photograph.
		East	Similar to previous aerial photograph, an additional industrial building is constructed.
2	2015	Site	Similar to previous aerial photograph.
		North	Similar to previous aerial photograph,
		South	Similar to previous aerial photograph.
		West	Similar to previous aerial photograph.
		East	Similar to previous aerial photograph,

4.3.2 Topography, Physiography and Geology

This area of Woodstock lies in the physiographic area known as the Huron-Georgian Bay lobe of the Oxford Till Plain (Chapman & Putnam, 2007). The soil consists of Zorra Till of the Tavistock Till formation which is considered silty clay to clayey silt till. The land along Cedar Creek to the south is located within a glacial spillway for Cedar Creek; and the soil profile in this area is characterized by silty sand and gravel.

Bedrock in the area consists primarily of limestone and dolostone of the Onondaga Formation of the Detroit River Group which was deposited during the middle Devonian Period (Armstrong and Dodge, 2007). The bedrock can be found at a depth of less than 20 metres below ground surface.

Soil Survey Report No. 28 was obtained from the Agriculture Canada website; and the associated map *Soils Map of Oxford County* indicates that the soil covering the subject site consists of Perth Series (Plc) clay loam; and the soil in the west half consists of Guelph (Gl) loam. Both Groups are classified as Grey-Brown Podzolic (Great Group) in the Brunisolic Grey-Brown Podzolic Order. These soils consist of calcareous silty clay with good to imperfect soil drainage.

4.3.3 Fill Materials

Several small piles of fill/soil materials were observed just at the northeast limits of the east parking area. Visual inspection of the materials indicated granular fill materials and topsoil.

4.3.4 Water Bodies and Areas of Natural Significance

The nearest water-body is Cedar Creek, located approximately 160 meters southwest of the Site. It has been dammed to provide a pond for Southside Park to the south. The localized shallow groundwater flow direction in the general area of the Site is expected to be similar to the surface topography and toward the south. Seasonal variation should be expected. A Site-specific investigation would be required to determine the current soil profile and groundwater conditions.

Based on a review of the Ministry of Natural Resources on-line mapping of Natural Heritage Areas, and London on-line mapping, there are no Environmentally Significant Areas, Areas of Natural Significance (ANSIs), or Provincially Significant Wetlands (PSWs) within the Phase I ESA study area.

5 INTERVIEWS

During the December 18, 2017 Site visit an interview was conducted with the Site owner, Mr. Terry DeCosta ('Site representative').

The Site representative indicated that he was not aware of any aboveground or underground fuel storage tanks at the Site; that he was not aware of any environmental issues associated with the subject property; or aware of any spills involving fuel or chemical products having occurred on the subject. He also reported he was not aware of any outstanding orders, violations or expressions of concern issued by environmental regulatory agencies in relation to the subject property.

Information and/or records received during the interview have been incorporated into the various sections of this report (both prior and following sections).

6 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

A visual survey of the Site was completed by Sean Joselyn of Englobe, on December 18th, 2017. The Site reconnaissance took approximately 1.5 hours to complete and the weather conditions at that time consisted of fog and drizzle with a temperature of 2°C.

Photographs showing various areas of the Site and surrounding properties including written descriptions for each are provided in Appendix 2.

6.2 PHYSICAL IMPEDIMENTS

With the exception of the roof and attic areas of the building, all interior and exterior areas of the Site were accessible during the Site reconnaissance. Visual inspection of the ground surface in some areas was impeded by snow cover.

6.3 SPECIFIC OBSERVATIONS AT SUBJECT PROPERTY

At the time of the Site reconnaissance, the Site was occupied by a commercial restaurant and tavern type building which was in the midst of significant structural and interior renovations and was not yet operating. The exterior consisted of asphalt parking south and east of the building, with a paved driveway to the receiving door on the north side of the building. Additional gravel parking was located on the northerly adjacent property, between the Site and the rail line. The east limits of the Site were grass and gravel covered.

6.3.1 On-Site Buildings/Structures, Parking and Access

The Site is occupied by an industrial building with office, storage and a production area. The following table summarizes the building and exterior details as observed during the Site visit on December 18, 2017 (also refer to the Site Plan, Drawing 2 provided in Appendix 1).

Table 4 : Building and Exterior Details

CHARACTERISTICS	COMMENTS
95 Victoria St S	
Year of Construction, Enlargement or Renovations	Historical documents indicate that the original hotel and small restaurant portions of the building were constructed prior to 1900, and the central addition was constructed circa 1970. However, much of the building has undergone significant structural renovations since 2016. These renovations include new wood framing, new steel framing, new concrete block walls, new poured concrete roof deck, new windows and window structures, new interior concrete floors, and sub-excavation of the basement with new structural columns and poured concrete floor. With the exception of brick and rock foundations under the former hotel much of the current building would be considered new construction.
Number of Storeys	West portion two storeys with basement. East portion one storey with concrete roof deck to be used for rooftop patio bar.
Building Size	The building has a footprint area of approximately 700 square metres.
General Construction Details	Brick & rock, concrete block and poured concrete foundation. Wood and steel framing with wood and concrete floors. The exterior of the original hotel consists of brick which was cleaned and repointed in 2017. The east portion of the building is clad with stucco installed in 2017. All interior and exterior plumbing and electrical have also been replaced. The roof over the original hotel was completely removed, reconstructed and covered by asphalt shingles in 2016.
Building Interior Details	A majority of the building interior has not been completed. Interior wood studs were observed, and insulation consisted of sprayed polyurethane foam and newly installed blown cellulose in the attic. The interior of the finished second floor consisted of drywall with drywall and suspended tile ceilings. The floor consisted of wood subfloor at the time of the Site visit, however travertine marble floor tiles were observed.
Occupant(s)/General Use	Commercial. Restaurant, bar, banquet hall and second floor private dining club under construction.
Basement or Crawl Space	The basement of the building was sub-excavated approximately 2 feet and new structural columns and concrete floor were constructed. Wood and steel studding was observed and polyurethane spray foam had been applied over many of the exterior walls.
Current Type of Heating System	☐ Electrical ☐ Oil ☒ Gas ☐ Others At the time of the Site visit one 2017 rooftop HVAC unit and 2 new natural gas furnaces were operational. The Client informed Englobe that additional heating would be provided by in-floor heat pipes supplied from 'on-demand' boilers and by heat exchange units. This includes the proposed rooftop bar. All heating manifolds and piping were observed at the time of the Site reconnaissance. Additional cooling will be provided by rooftop central air-conditioning units. Domestic hot water is supplied by natural gas 'on-demand' units. Natural gas was reported to be connected to the building by Union Gas in 1965.
Hydraulic Equipment	None observed during the Site visit.
Features/Observations	
Other Structures	One storage 'sea can' was observed on the Site. It is reported to contain the kitchen equipment for the new kitchen.
Access Road(s)	The site is accessed by an entrance off of Victoria Street South. Access is also available along the entire paved frontage of Henry Street.
Topography	There is a gentle slope downward from the rail line to Henry Street. The local topography slopes downward from the north to the south.
Site Covering	Building (22%), Asphalt (64%), Grass/Gravel (14%).

CHARACTERISTICS	COMMENTS
Drinking Water Supply	☒ Municipal water system ☐ Supply wells: The Site is currently connected to the Woodstock Water Distribution System.
Drainage	Run-off from the Site consists of rooftop precipitation and ground surface runoff which flows over land to an onsite catch-basin located in the south parking.
Wastewater Management	☒ Municipal sewer ☐ Septic tank ☐ Drain-field ☐ Ditch. The Site is currently connected to the municipal system. All interior floor drains, sanitary plumbing and private sanitary drain connections (PDCs) from the Site were replaced between the building and the sewer main in 2016
Electrical Service	Electricity is supplied by an overhead cable which runs from a roadside transmission line to the southeast corner of the original hotel building. All interior electrical systems have been replaced since 2016. No transformers were observed onsite.
Underground Infrastructure to the Site	The site is serviced by natural gas, water, sewer and communication lines.
Compressed Gas Storage	No compressed gas storage was observed onsite..
Unidentified Substances	None noted by Englobe at the time of the Site visit.
Railway Lines	The Canadian National Railway is located approximately 25 m north of the Site. No other evidence of existing/previous rail lines was noted by Englobe at the time of the Site visit.
Air Emissions	With the exception of comfort heating, no visual evidence of emissions from the Site or adjacent properties was observed by Englobe at the time of the Site visit.

6.3.2 Waste Management

6.3.2.1 Hazardous Wastes

No evidence was observed of operations which would generate hazardous waste on the subject property, at the time of the Site visit.

6.3.2.2 Solid Wastes

The Site produces construction waste. These materials are placed in a 4 yard bin which is picked up by MCQ Waste Handling every two weeks. Empty polyurethane spray-foam drums were observed to be stored on a trailer behind (north) the building. These are returned to the supplier by the Client when the trailer is full.

6.3.3 Aboveground (ASTs) and Underground Storage Tanks (USTs)

No aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) were observed onsite at the time of Site reconnaissance. The Site representative was not aware of the presence of any storage tanks, and indicated that no tanks were exposed during exterior/structural renovation work.

6.3.4 Chemical Storage and Handling

6.3.4.1 Storage of Products

As noted above, six (6) empty spray-foam drums are stored in an exterior trailer. Three partially full spray-foam drums were observed inside the building. Paints, drywall compound, tile adhesives, grout and levelling compound were observed in various work areas throughout the building. No other storage of chemicals was observed onsite during the Site reconnaissance.

6.3.4.2 **Unidentified Substances**

No evidence of any unidentified substances was observed on the subject property during the Site reconnaissance.

6.3.5 **Spills, Staining or Stressed Vegetation**

Snow cover impeded visual inspection of much of the exterior ground surface. However, where visible, no significant evidence of staining, spills or stressed vegetation were observed during the Site reconnaissance.

6.3.6 **Floor Drains, Sumps, Pits, Trenches, Lagoons**

Floor drains were observed in basement and in existing and proposed washrooms within the building. As noted above, all interior drains have been replaced between the building and the sewer main. An exterior catch-basin was observed in the parking area. No other drains sumps, trenches, ponds or lagoons were observed.

6.3.7 **Hazardous Materials**

6.3.7.1 **Asbestos Containing Materials (ACMs)**

Asbestos-containing materials are not uncommon in buildings constructed more than 100 years ago. However, the Client informed Englobe that the building(s) had been gutted to the exterior walls and the original roof and attic had been removed and replaced since 2016. The mortar on the exterior brick had also been removed/repointed. Visual observations during the Site visit appear to confirm this assertion. Given the extensive renovations in every area of the building it is unlikely that the current construction materials contain ACMs.

Regulation 278/05 of the Ontario Occupational Health and Safety Act (O. Reg. 278/05) requires that an asbestos survey be completed for all commercial buildings, regardless of the age of construction.

6.3.7.2 **Polychlorinated Biphenyls (PCBs)**

No original lighting remains in the building. All installed and purchased lighting consists of LED fixtures which do not contain PCBs.

The Site and adjacent properties are not listed in the NPCB and/or OPCB databases.

6.3.7.3 **Lead-Based Materials**

As indicated above, all original painted surfaces have been removed from the building. New paint will not contain lead. As well, all plumbing has been replaced inside and outside the building, primarily with PEX plastic piping. Lead pipe solder is not anticipated for any of the new plumbing.

6.3.7.4 **Urea Formaldehyde Foam Insulation (UFFI)**

No evidence of UFFI was observed on the subject property during the site reconnaissance. All observed spray-foam has been installed since 2016 and comprises expanded polyurethane.

6.3.7.5 **Ozone-Depleting Substances (ODSs)**

The existing and proposed air conditioning units will have all been installed since 2016 and are unlikely to contain ODSs.

6.3.7.6 **Mould**

No evidence of active mould growth was observed in the building. Some efflorescence and light staining was observed on the original brick and stone foundation in the basement. These surfaces were noted to be dry and the staining is attributed to original seepage. The Client indicated that all surfaces had been or would be waterproofed prior to application of spray-on foam.

6.3.8 **Special Attention Items**

Table 5 : Special Attention Items

CHARACTERISTICS	COMMENTS
Electromagnetic Frequencies (EMFs)	No high-voltage transmission lines or electrical substations, which could generate significant EMFs, were identified on or adjacent to the Site. Although EMFs are assumed to be typical for developed areas, no testing was performed as part of this assessment.
Noise and Vibration	No significant sources of noise were observed at the Subject Property or in the immediate area of the Site. However, no noise or vibration testing was performed as part of this assessment.
Radon Gas	Currently there are no provincial regulatory standards for radon concentrations in soil gas in Ontario. Ontario Bill 11/14 (The Radon Awareness and Prevention Act, 2014) proposes a provincial radon guideline the same as required by Health Canada (200 Bq/m ³) and proposes that an "Ontario Radon Registry" be created to map radon levels across the province. The Radon Awareness and Prevention Act, 2014 also proposes that owners of workplaces shall ensure that the radon level in the normal occupancy areas of the workplace are measured by a radon measurement specialist, and that reasonable action is taken to reduce radon levels if measured at concentrations exceeding 200 Bq/m ³ per year. Radon concentrations can only be determined by analytical testing, which is beyond the scope of the Phase I ESA. The building did not have a basement or crawlspace which would enhance the potential for radon infiltration.

6.4 **Observations at Surrounding Properties**

The nearby properties surrounding the subject property were observed during the Site reconnaissance from publically accessible locations. These properties are summarized in Table 6, below:

Table 6 : Surrounding Properties

POSITION RELATIVE TO SITE	PROPERTY DESCRIPTION	POTENTIAL FOR CONTAMINATION
North	Transitional Industrial property with an operating rail line and siding, beyond which are Whitelaw Machinery Company (machine shop) at 572 & 575 Main St., Wellington Animal Hospital (a veterinarian) at 95 Wellington St., and residential houses.	The rail line located approximately 30 m north of the Site, and Whitelaw Machinery located approximately 90 m northwest of the Site is a machine shop which is identified as a generator of petroleum wastes. These properties represent a potential for environmental concern to the Site.

POSITION RELATIVE TO SITE	PROPERTY DESCRIPTION	POTENTIAL FOR CONTAMINATION
East	Transitional Industrial properties. A vacant lot (East parcel of 95 Wellington St. S.), JMS Printworks (595 Henry St.), Home Building Products (621 Henry St.) beyond which are single family residences.	The property located approximately 50 m east of the Site is occupied by a printing company which is as a generator of petroleum distillates, photo-processing and graphic art wastes. This property represents a potential for environmental concern to the Site.
South	Henry Street road allowance, beyond which are single family and multi-family residences.	Given the current property occupancy/usage, the properties south of the subject property are interpreted not to represent significant environmental concern to the Site.
West	Via Rail station, beyond which are the Wellington Street South road allowance, vacant land and residential properties.	Given the current property occupancy/usage, the properties south of the subject property are interpreted not to represent significant environmental concern to the Site.

6.5 Current and Past Uses

Historical documentation indicates that the Site had been occupied by a hotel, restaurant and livery since at least 1913. Prior to 1949, a small addition was constructed to connect the north portions of the hotel and restaurant buildings. According to aerial photographs, the livery building was demolished sometime in the 1960s, and prior to 2000 an addition was constructed fully expand the central connection area. One building is presently located on the Site, and is currently undergoing significant structural and interior renovations. No business is currently operating onsite.

7 CONCLUSIONS

Based on the findings of this Phase I ESA, no evidence was identified of issues representing actual or known/previously documented environmental impacts to soil or groundwater at the subject property. Evidence was identified of issues interpreted by Englobe to represent potential environmental contamination to the subject property, summarized as follows:

- ▶ Historically, a rail line has operated immediately north of the Site for more than 100 years. Cinder and slag fill, as well as fuel spills are not uncommon along rail lines. The property located on the north side of the rail line, approximately 90m northwest of the Site, is occupied by a machine shop which has been operating since the 1940s, and is listed as a generator of petroleum wastes. These properties represent a potential for environmental concern to the Site.
- ▶ The property located at 595 Henry Street, approximately 50m east of the Site, is occupied by a printing company which is listed as a generator of petroleum distillates, photo processing and graphic art wastes. This property represents a potential for environmental concern to the Site.

If an opinion is required as to whether the on-Site and off-site operations have impacted the environmental condition of soil and shallow groundwater on-site, the sampling and analysis of such materials (i.e. a Phase II ESA) for targeted compounds would be required.

In order to establish whether the above noted findings represent environmental issues for the Site, Englobe recommends the following actions:

- ▶ Conduct drilling and sampling of soil and shallow groundwater to assess for potential impacts resulting from the rail line and the printer to the east. Boreholes should be advanced along the north and east property boundaries.

The Statement of Limitations, as described below, is an integral part of this report and should be considered when reviewing this document and the findings and conclusions contained herein. It is important to note that a Phase I ESA involves no physical testing of the Site and that it is intended to reduce but not eliminate the uncertainty regarding the potential for contamination of a Site. As noted in the Canadian Standards Association Standard Z768-01 "*...the role of the Assessor is to document evidence of actual or potential contamination and not to judge the acceptability of risks associated with such contamination*".

8 STATEMENT OF LIMITATIONS

Englobe prepared this report for the use of **1666144 Ontario Ltd.** The material in it reflects the judgment of Englobe in light of the information made available at the time of preparation. Any use which a Third Party makes of this report, or any reliance on it, is the responsibility of such Third Parties. Englobe accepts no responsibility for damages, if any, suffered by any Third Party because of decisions made or actions taken based on this report.

This Phase I Environmental Site Assessment was focused on observed environmental or waste management practices that have or potentially could have an adverse impact on the Subject Property located at **95 Victoria Street South – West Parcel, Woodstock, Ontario**. It was not intended to be a detailed audit of past and present operations and no intrusive investigations were carried out.

More exhaustive examinations including hydrogeological or subsurface investigations may encounter conditions not apparent at the time of this assessment. This assessment is subject to any restrictions placed by physical obstructions, precipitation, denied access, inaccessible areas including occupied tenant areas, time constraints, cost constraints, readily available documentation, safety considerations, confidentiality, and availability of knowledgeable individuals for interview purposes. A reasonable site evaluation may not identify latent or hidden contamination or features. Information in this assessment may also change with time and thus only be accurate on the collection date.

Assessments made throughout this environmental assignment rely heavily on information supplied by others. While every effort has been made to use reliable and multiple sources, Englobe makes no guaranty of the accuracy or completeness of this third party information available to us at the time of preparing this report. This site assessment is a compilation and assessment of available data regarding the subject property and in no way should be considered as a recommendation or rejection of a potential property purchase.

9 REFERENCES

- Barnett, P.J. 1992 Quaternary Geology of Ontario; in Geology of Ontario, Special Volume 4, Part 2, p. 1009-1088
- Chapman, L.J., Putman, D.F., 1984. The Physiography of Southern Ontario, Third Edition; Ontario Geological Survey, Special Volume 2
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- Ontario Ministry of the Environment (MOE), June 1991, Waste Disposal Site Inventory
- Ontario Ministry of the Environment (MOE), April 1987, Inventory of Coal Gasification Plant Waste Sites in Ontario
- Ontario Ministry of the Environment (MOE), November 1988, Inventory of Industrial Sites Using Coal Tars and Related Tars in Ontario
- Ontario Ministry of Natural Resources, 1983 Ontario Base Map (OBM), Sheet 10 17 4750 47500.
- Ontario Ministry of Agriculture and Food, Soil Survey Complex (ON soils), Ontario Ministry of Natural Resources. March 2, 1995

Appendix 1 Drawings

Drawing 1: Location Plan

Drawing 2: Site Plan

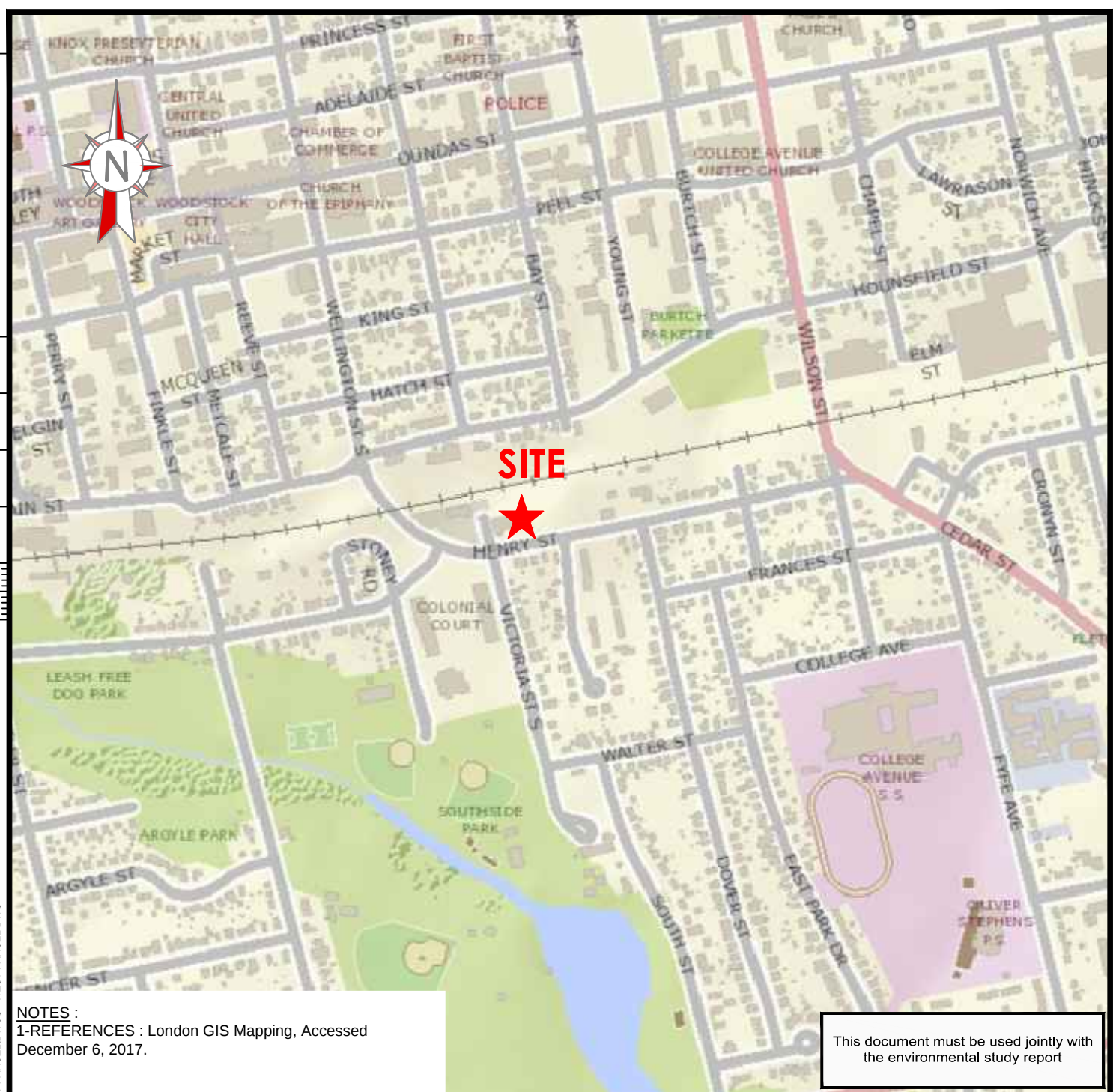
Drawing 3: 1945 Aerial Photograph

Drawing 4: 1966 Aerial Photograph

Drawing 5: 1972 Aerial Photograph

Drawing 6: 2000 Aerial Photograph

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NOTES :
1-REFERENCES : London GIS Mapping, Accessed December 6, 2017.

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Client
1666144 Ontario Ltd.

Project
Phase I Environmental Site Assessment

95 Victoria Street South, Woodstock, Ontario

Title
Location Plan - West Parcel



Englobe Corp.

417 Exeter Road
London, Ontario
N6E 2Z3
519-680-3868

Discipline: Environment		Prepared by: JB		Verified by: KB	
Scale: No Scale		Drawn by: JB		Approved by: KB	
Date: 06/12/2017		Figure n°: 01 of 06			
Page setup: Location plan		Paper Format: ANSI full bleed A (8.50 x 11.00 Inches)		Register n°:	

Resp.	Project	Wbs	Project/ Disc	Phase/ Type	Elec. ref. / Drawing n°	Rev.
124	B-0018667-1			SG		01 00

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NOTES :
1-REFERENCES : London GIS Mapping, Accessed December 6, 2017.
2- Red Dashed-Line Represents Approximate Site Boundary.

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Client	1666144 Ontario Ltd.
Project	Phase I Environmental Site Assessment
	95 Victoria Street South, Woodstock, Ontario
Title	Site Plan - West Parcel

		Englobe Corp.				
		417 Exeter Road London, Ontario N6E 2Z3 519-680-3868				
Discipline:	Environment	Prepared by:	Verified by:			
Scale:	No Scale	JB	KB			
Date:	06/12/2017	Drawn by:	Approved by:			
		JB	KB			
Page setup:	Paper Format:	Figure n°:	02 of 06			
Site plan	ANSI full bleed A (8.50 x 11.00 Inches)	Register n°:				
Resp.	Project	Wbs	Project/ Disc	Phase/ Type	Elec. ref. / Drawing n°	Rev.
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Client

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Project

Phase I Environmental Site Assessment

95 Victoria Street South, Woodstock, Ontario

Title

1945 Aerial Photograph - West Parcel

Englobe Corp.



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London, Ontario
N6E 2Z3
519-680-3868

Discipline:		Prepared by:		Verified by:	
Environment		JB		KB	
Scale:		Drawn by:		Approved by:	
No Scale		JB		KB	
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Client

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Project

Phase I Environmental Site Assessment

95 Victoria Street South, Woodstock, Ontario

Title

1966 Aerial Photograph - West Parcel

Englobe Corp.



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London, Ontario
N6E 2Z3
519-680-3868

Discipline: Environment		Prepared by: JB	Verified by: KB
Scale: No Scale		Drawn by: JB	Approved by: KB
Date: 06/12/2017		Figure n°: 04 of 06	
Page setup: 1966 Aerial		Paper Format: ANSI full bleed A (8.50 x 11.00 Inches)	
Register n°:			

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Client
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Project
Phase I Environmental Site Assessment

95 Victoria Street South, Woodstock, Ontario

Title
1972 Aerial Photograph - West Parcel



Englobe Corp.
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London, Ontario
N6E 2Z3
519-680-3868

Discipline: Environment		Prepared by: JB		Verified by: KB	
Scale: No Scale		Drawn by: JB		Approved by: KB	
Date: 06/12/2017		Figure n°: 05 of 06			
Page setup: 1972 Aerial		Paper Format: ANSI full bleed A (8.50 x 11.00 Inches)		Register n°:	

Resp.	Project	Wbs	Project/ Disc	Phase/ Type	Elec. ref. / Drawing n°	Rev.
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Client

1666144 Ontario Ltd.

Project

Phase I Environmental Site Assessment

95 Victoria Street South, Woodstock, Ontario

Title

2000 Aerial Photograph - West Parcel

Englobe Corp.



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London, Ontario
N6E 2Z3
519-680-3868

Discipline:		Prepared by:		Verified by:	
Environment		JB		KB	
Scale:		Drawn by:		Approved by:	
No Scale		JB		KB	
Date:		Figure n°:			
06/12/2017		06 of 06			
Page setup:		Paper Format:			
2000 Aerial		ANSI full bleed A (8.50 x 11.00 Inches)			
Register n°:					

Resp.	Project	Wbs	Project/ Disc	Phase/ Type	Elec. ref. / Drawing n°	Rev.
128	B-0018667-1			SG		06 00

Appendix 2 Site Photographs



Looking northeast from Henry St & Victoria St intersection. Original hotel portion is on left site and restaurant/addition portion is on right.



Looking northwest toward building and asphalt parking area.



Looking south at rear of building. West property line is right edge of the sidewalk visible beside building.



Looking southwest across small fill piles and storage 'sea can' toward building.



Looking northwest from a point in East parcel located approximately 10 metres east of new property line for West parcel. Gravel from former Bay St. roadway is visible.



New trusses for concrete roof over bar and banquet hall area. New ducts visible.



New framing and spray foam in bar area.



Looking toward former hotel building from bar area. All new framing.



Mechanical room in basement with furnace. The 'on-demand' water heaters are visible on the right wall and the piping manifolds are visible on the back wall.



'On-demand' water heaters in basement mechanical room.



Piping for in-floor hot water heating system.



New electrical panel in basement.



Reconstructed basement. The concrete floor was poured after the basement had been sub-excavated 2 feet.



New framing in basement resulting from the expanded ceiling height.



Original stone and brick foundation under the former hotel building. Note the new spray foam to the right.



Proposed dining club on the second floor. Suspended ceiling with drywall walls. Travertine marble tiles stacked on subfloor.



Exposed brick exterior wall on the second floor with partially completed metal stud framing.



Furnace for second floor.

Appendix 3 EcoLog ERIS Report



DATABASE REPORT

Project Property: 95 victoria, woodstock
95 Victoria St S
Woodstock ON N4S3K2
A 20727

Project No:

Report Type: Standard Report

Order No: 20171206045

Requested by: EnGlobe Corp.

Date Completed: December 12, 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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Executive Summary

Property Information:

Project Property: 95 victoria, woodstock
95 Victoria St S Woodstock ON N4S3K2

Project No: A 20727

Coordinates:

Latitude: 43.12634
Longitude: -80.750693
UTM Northing: 4,774,874.98
UTM Easting: 520,278.95
UTM Zone: UTM Zone 17T

Elevation: 960 FT
292.60 M

Order Information:

Order No: 20171206045
Date Requested: December 6, 2017
Requested by: EnGlobe Corp.
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	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	7	7
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	25	25
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	6	6
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
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>	Y	0	7	7
Total:			0	51	51

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		ON	SE/32.7	-0.67	17
2	CA	RELIABLE ELECTRIC SALES & SERVICE LTD.	595 HENRY ST. WOODSTOCK CITY ON N4S 1X8	E/83.6	-1.00	19
2	GEN	RELIABLE ELECTRIC SALES & SERV.LTD	595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	E/83.6	-1.00	20
2	GEN	RELIABLE ELECTRIC SALES & SERVICE LTD.	595 HENRY STREET WOODSTOCK ON N4S 1S8	E/83.6	-1.00	20
2	GEN	RELIABLE ELECTRIC SALES & SERV.LTD33-500	595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	E/83.6	-1.00	20
2	GEN	RELIABLE ELECTRIC SALES	595 HENRY STREET WOODSTOCK ON N4S 1S8	E/83.6	-1.00	21
2	GEN	Nthercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E/83.6	-1.00	21
2	GEN	Nthercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E/83.6	-1.00	21
2	GEN	Nthercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E/83.6	-1.00	22
2	SCT	Nthercott Press Inc.	595 Henry St Woodstock ON N4S 1X8	E/83.6	-1.00	22
3	GEN	Nthercott Press	595 Henry St Woodstock ON	E/84.6	0.07	22
3	GEN	Nthercott Press	595 Henry St Woodstock ON	E/84.6	0.07	23
4	CA	P.U.C. WOODSTOCK	VICTORIA ST./HENRY ST./WALTER WOODSTOCK ON	SW/93.0	-1.48	23
4	CA	OXFORD COUNTY, PUBLIC WORKS DEPARTMENT	VICTORIA ST./HENRY ST. WOODSTOCK ON	SW/93.0	-1.48	23
5	EHS		PIN# 42763 Woodstock ON	NW/139.9	5.40	23
6	WWIS		Woodstock ON	S/151.6	-3.07	24
7	EHS		168 Victoria St. & 175 Wellington St. Woodstock ON	SW/179.5	-4.13	26
8	EHS		n/a Woodstock ON	SW/181.0	-4.13	26
9	INC		ON	SSW/183.1	-3.80	27
9	WWIS		WOODSTOCK ON	SSW/183.1	-3.80	28
9	WWIS		WOODSTOCK ON	SSW/183.1	-3.80	30
10	WWIS		WOODSTOCK ON	SW/184.5	-4.13	33
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON	NW/189.1	8.54	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON	NW/189.1	8.54	36
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW/189.1	8.54	36
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW/189.1	8.54	36
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW/189.1	8.54	37
11	GEN	Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW/189.1	8.54	37
12	WWIS		WOODSTOCK ON	ENE/193.2	-0.39	37
13	BORE		ON	WSW/194.5	-3.30	40
14	WWIS		WOODSTOCK ON	WSW/196.2	-3.49	40
15	SCT	WHITELAW MACHINERY CO. LTD.	572 Main St Woodstock ON N4S 1V6	WNW/202.3	7.20	43
15	SCT	Whitelaw Machinery Company Ltd	572 Main St Woodstock ON N4S 1V6	WNW/202.3	7.20	43
16	CA	WOODSTOCK CITY	WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	WSW/219.1	-3.28	43
16	CA	OXFORD COUNTY	HENRY ST./WELLINGTON ST. WOODSTOCK CITY ON	WSW/219.1	-3.28	44
16	CA	WOODSTOCK CITY	WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	WSW/219.1	-3.28	44
17	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON	WNW/220.1	3.73	44
17	GEN	Dr.Elizabeth Dennis	95 Wellington St South Woodstock ON N4S 3H9	WNW/220.1	3.73	45
17	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/220.1	3.73	45
17	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/220.1	3.73	46
17	GEN	Dr.Elizabeth Dennis	95 Wellington St South Woodstock ON N4S 3H9	WNW/220.1	3.73	46
18	GEN	Dr. Donna Flanagan	95 Wellington St South Woodsock ON N4S 3H9	WNW/227.0	6.36	46
18	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/227.0	6.36	47
18	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/227.0	6.36	47
18	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/227.0	6.36	47
18	GEN	Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW/227.0	6.36	48
19	EHS		666 Henry Street Woodstock ON N4S 1Y1	E/240.3	0.77	48
20	SCT	CHIEFTAIN WELDQUIP INC.	640 MAIN ST WOODSTOCK ON N4S 8Y5	NE/241.6	-0.38	48
20	SCT	ARROW SPECIALTIES	640 MAIN ST WOODSTOCK ON N4S 8Y5	NE/241.6	-0.38	49

<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>
20	SCT	Chieftain Marketing	640 Main St Woodstock ON N4S 8Y5	NE/241.6	-0.38	49
21	CA	P.U.C. WOODSTOCK	FRANCIS ST./EAST PARK DRIVE WOODSTOCK CITY ON	ESE/243.0	0.85	49

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	WSW	194.46	<u>13</u>

CA - Certificates of Approval

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
P.U.C. WOODSTOCK	FRANCIS ST./EAST PARK DRIVE WOODSTOCK CITY ON	ESE	243.00	<u>21</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RELIABLE ELECTRIC SALES & SERVICE LTD.	595 HENRY ST. WOODSTOCK CITY ON N4S 1X8	E	83.65	<u>2</u>
P.U.C. WOODSTOCK	VICTORIA ST./HENRY ST./WALTER WOODSTOCK ON	SW	92.95	<u>4</u>
OXFORD COUNTY, PUBLIC WORKS DEPARTMENT	VICTORIA ST./HENRY ST. WOODSTOCK ON	SW	92.95	<u>4</u>
OXFORD COUNTY	HENRY ST./WELLINGTON ST. WOODSTOCK CITY ON	WSW	219.05	<u>16</u>
WOODSTOCK CITY	WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	WSW	219.05	<u>16</u>
WOODSTOCK CITY	WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	WSW	219.05	<u>16</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 4 EHS 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>
	PIN# 42763 Woodstock ON	NW	139.91	<u>5</u>
	666 Henry Street Woodstock ON N4S 1Y1	E	240.34	<u>19</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	168 Victoria St. & 175 Wellington St. Woodstock ON	SW	179.46	<u>7</u>
	n/a Woodstock ON	SW	181.00	<u>8</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 2017 has found that there are 25 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>
Nethercott Press	595 Henry St Woodstock ON	E	84.58	<u>3</u>
Nethercott Press	595 Henry St Woodstock ON	E	84.58	<u>3</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON	NW	189.07	<u>11</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW	189.07	<u>11</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW	189.07	<u>11</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW	189.07	<u>11</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON	NW	189.07	<u>11</u>
Whitelaw Automotive & Industrial Supply Company	575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	NW	189.07	<u>11</u>
Dr.Elizabeth Dennis	95 Wellington St South Woodstock ON N4S 3H9	WNW	220.13	<u>17</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	220.13	<u>17</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	220.13	<u>17</u>
Dr.Elizabeth Dennis	95 Wellington St South Woodstock ON N4S 3H9	WNW	220.13	<u>17</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON	WNW	220.13	<u>17</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	227.02	<u>18</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	227.02	<u>18</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	227.02	<u>18</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	227.02	<u>18</u>
Dr. Donna Flanagan	95 Wellington St South Woodstock ON N4S 3H9	WNW	227.02	<u>18</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Nethercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E	83.65	<u>2</u>
Nethercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E	83.65	<u>2</u>
Nethercott Press Inc.	595 Henry Street Woodstock ON N4S 1X8	E	83.65	<u>2</u>
RELIABLE ELECTRIC SALES	595 HENRY STREET WOODSTOCK ON N4S 1S8	E	83.65	<u>2</u>
RELIABLE ELECTRIC SALES & SERV.LTD33-500	595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	E	83.65	<u>2</u>
RELIABLE ELECTRIC SALES & SERVICE LTD.	595 HENRY STREET WOODSTOCK ON N4S 1S8	E	83.65	<u>2</u>
RELIABLE ELECTRIC SALES & SERV.LTD	595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	E	83.65	<u>2</u>

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SSW	183.09	<u>9</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 6 SCT 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>
WHITELAW MACHINERY CO. LTD.	572 Main St Woodstock ON N4S 1V6	WNW	202.34	<u>15</u>
Whitelaw Machinery Company Ltd	572 Main St Woodstock ON N4S 1V6	WNW	202.34	<u>15</u>

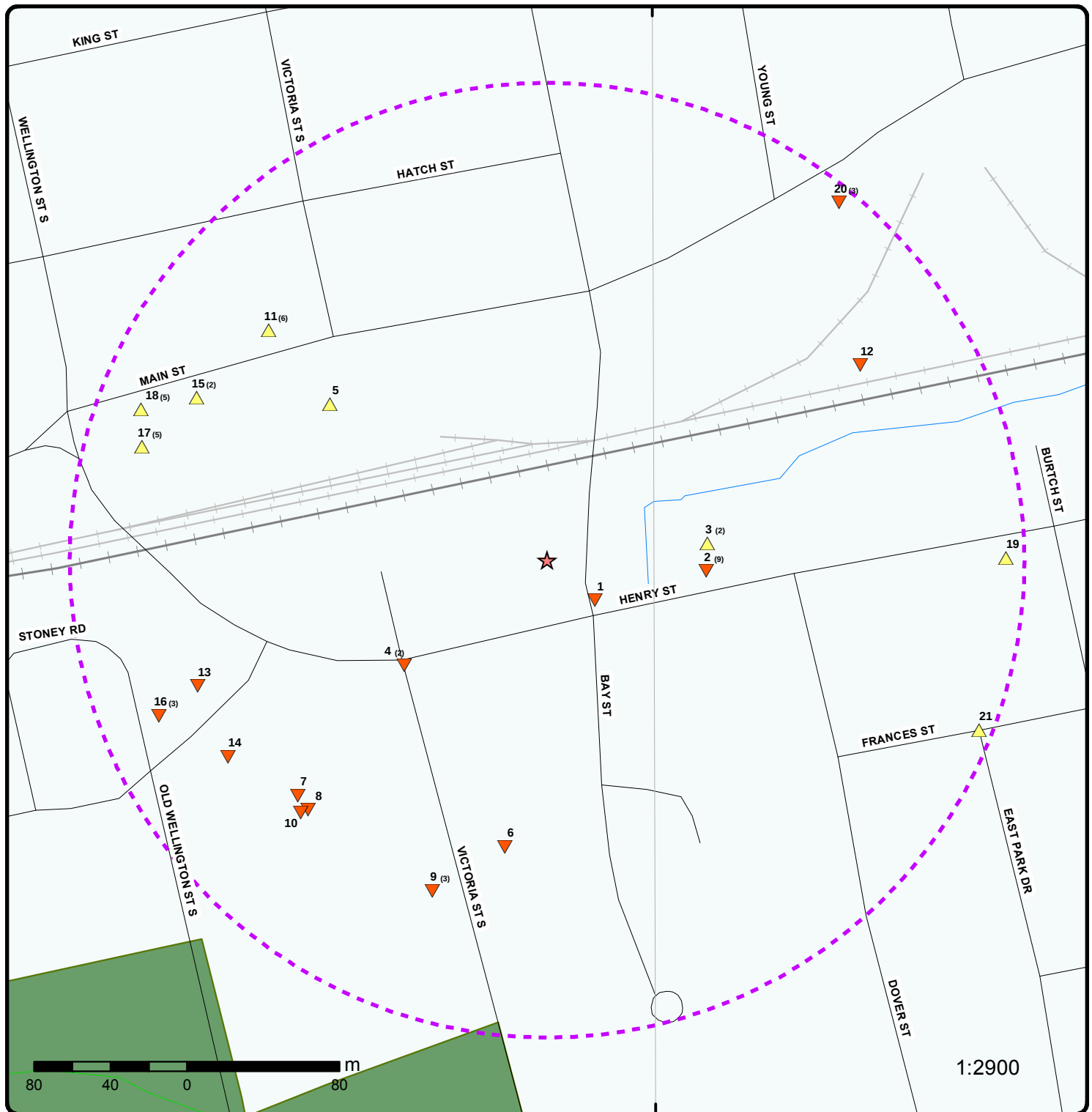
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Nethercott Press Inc.	595 Henry St Woodstock ON N4S 1X8	E	83.65	<u>2</u>
CHIEFTAIN WELDQUIP INC.	640 MAIN ST WOODSTOCK ON N4S 8Y5	NE	241.64	<u>20</u>
ARROW SPECIALTIES	640 MAIN ST WOODSTOCK ON N4S 8Y5	NE	241.64	<u>20</u>
Chieftain Marketing	640 Main St Woodstock ON N4S 8Y5	NE	241.64	<u>20</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31, 2017 has found that there are 7 WWIS site(s) within approximately 0.25 kilometers of

the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SE	32.68	<u>1</u>
	Woodstock ON	S	151.60	<u>6</u>
	WOODSTOCK ON	SSW	183.09	<u>9</u>
	WOODSTOCK ON	SSW	183.09	<u>9</u>
	WOODSTOCK ON	SW	184.55	<u>10</u>
	WOODSTOCK ON	ENE	193.17	<u>12</u>
	WOODSTOCK ON	WSW	196.18	<u>14</u>



Map : 0.25 Kilometer Radius

Order No: 20171206045

Address: 95 Victoria St S, Woodstock, ON, N4S3K2

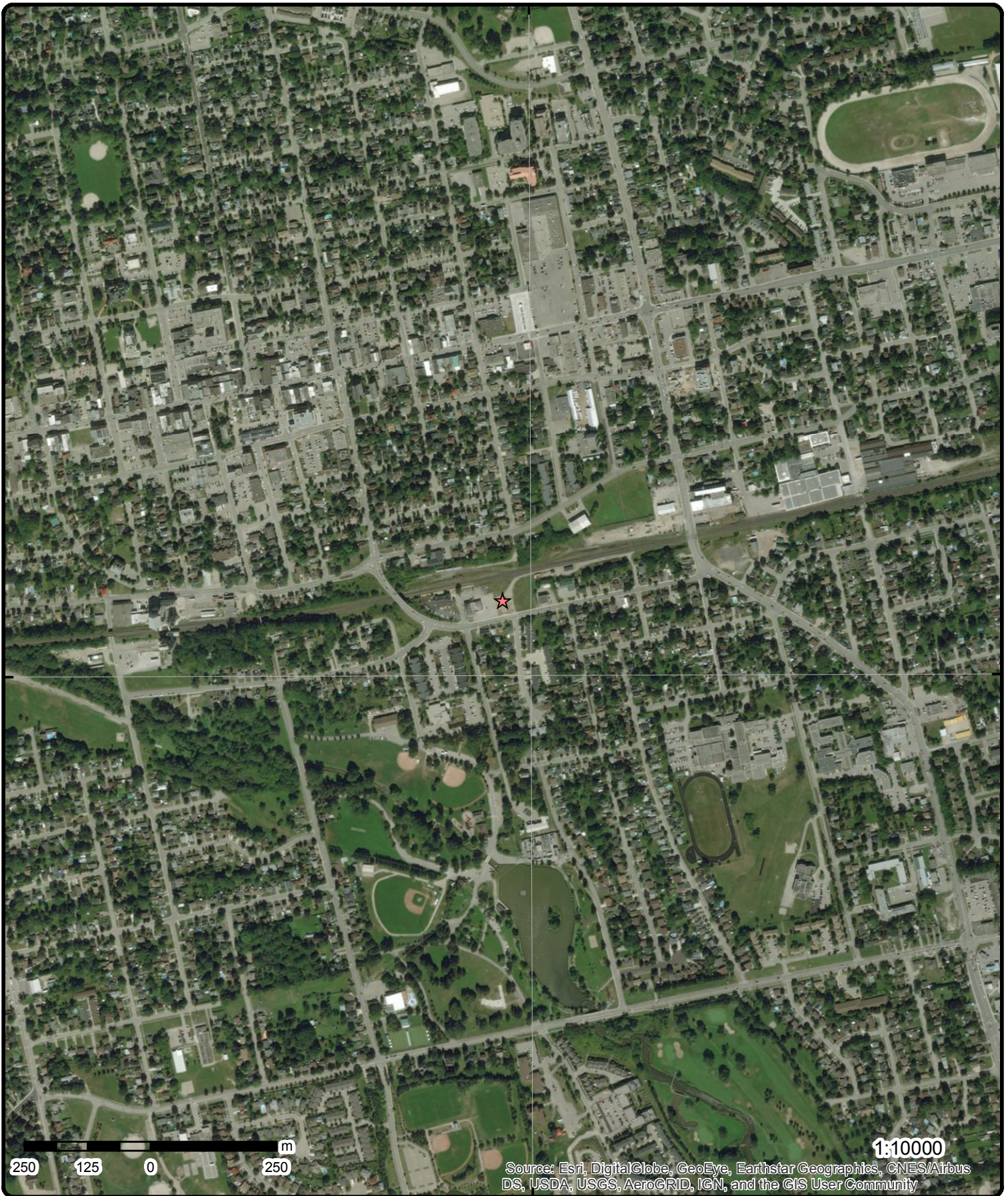


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

80°45'W

43°7'30"N

43°7'30"N



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

Aerial (2013)

Address: 95 Victoria St S, Woodstock, ON, N4S3K2

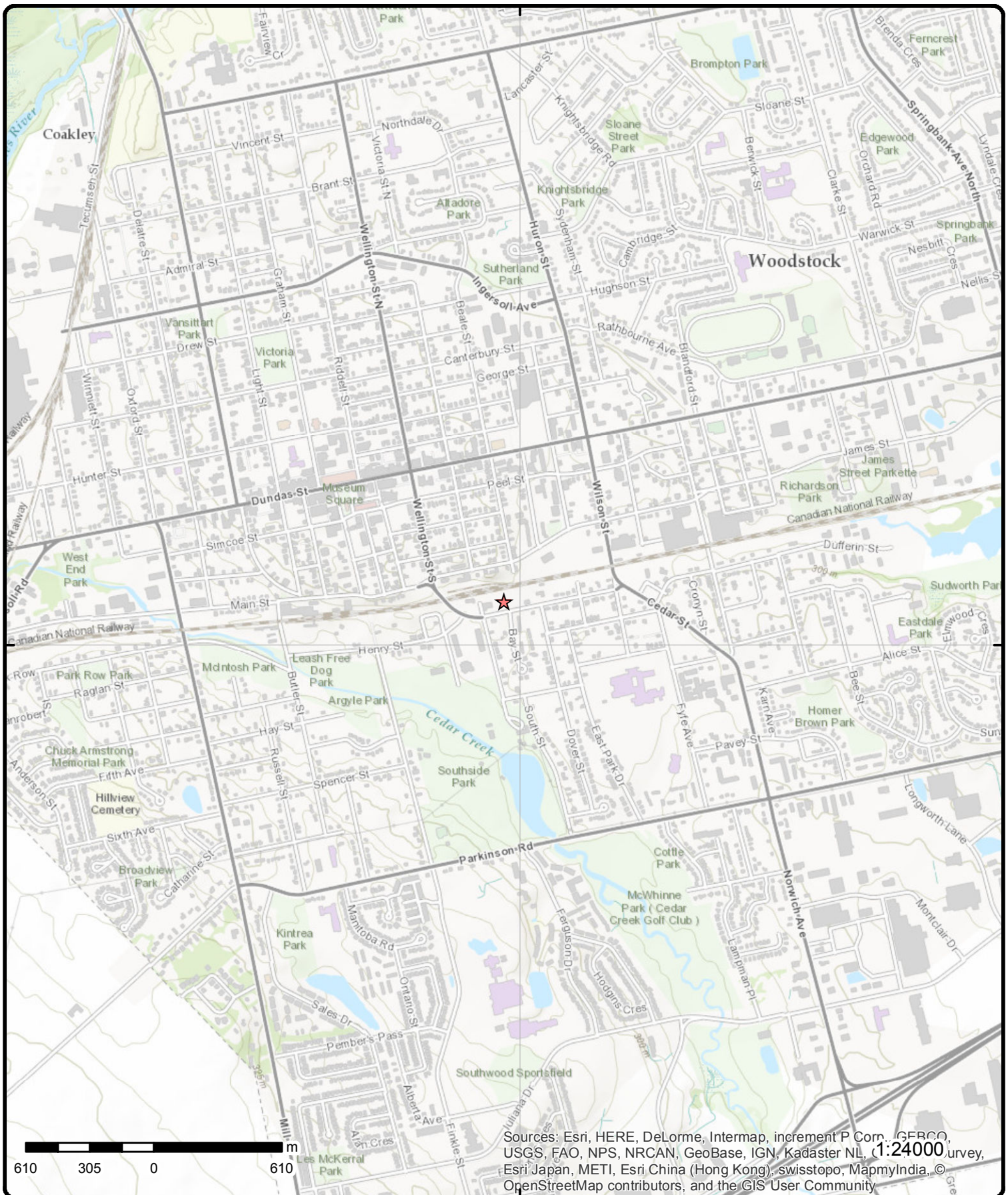
Source: ESRI World Imagery

Order No: 20171206045

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



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Topographic Map

Address: 95 Victoria St S, Woodstock, ON, N4S3K2

Source: ESRI World Topographic Map

Order No: 20171206045



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	SE/32.7	291.9	ON	WWIS
Well ID: 4708938 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z11081 Tag: A002604 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 11/18/2004 Selected Flag: 1 Abandonment Rec: Contractor: 6809 Form Version: 3 Owner: Street Name: County: OXFORD Municipality: WOODSTOCK CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 11176858 DP2BR: Code OB: 0 Code OB Desc: Overburden Open Hole: Elevation: 295.036315 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Spatial Status: Cluster Kind: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr Org CS: UTM83 Date Completed: 11/9/2004					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932981249 Layer: 1 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 06 Other Materials: SILT Mat3: 28 Other Materials: SAND					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		0.00			
Formation End Depth:		3.00			
Formation End Depth UOM:		m			
Formation ID:		932981250			
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		3.00			
Formation End Depth:		11.50			
Formation End Depth UOM:		m			
Formation ID:		932981251			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		84			
Other Materials:		SILTY			
Mat3:					
Other Materials:					
Formation Top Depth:		11.50			
Formation End Depth:		12.50			
Formation End Depth UOM:		m			
Formation ID:		932981252			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12.50			
Formation End Depth:		14.00			
Formation End Depth UOM:		m			
Formation ID:		932981253			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		84			
Other Materials:		SILTY			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		14.00			
Formation End Depth:		21.50			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933258848			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Plug From:		0.00			
Plug To:		14.00			
Plug Depth UOM:		m			
Plug ID:		933258849			
Layer:		2			
Plug From:		14.00			
Plug To:		21.50			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		964708938			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11185377			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930849032			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		20.00			
Casing Diameter:		2.00			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		933410120			
Layer:		1			
Slot:		10			
Screen Top Depth:		20.00			
Screen End Depth:		21.50			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		2.00			
 <u>Hole Diameter</u>					
Hole ID:		11310813			
Diameter:		8.25			
Depth From:		0.00			
Depth To:		21.50			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
2	1 of 9	E/83.6	291.6	RELIABLE ELECTRIC SALES & SERVICE LTD. 595 HENRY ST. WOODSTOCK CITY ON N4S 1X8	CA

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Certificate #: 8-1234-87- Application Year: 87 Issue Date: 12/1/1987 Approval Type: Industrial air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: BURN OFF OVEN Contaminants:: Suspended Particulate Matter, Nitrogen Oxides Emission Control:: Thermal Incineration					
2	2 of 9	E/83.6	291.6	RELIABLE ELECTRIC SALES & SERV.LTD 595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	GEN
Generator No.: ON1062300 Status: Approval Years: 88,89,90 Contam. Facility: MHSW Facility: SIC Code: 9941 SIC Description: ELECTRIC MOTOR REPAI --Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
2	3 of 9	E/83.6	291.6	RELIABLE ELECTRIC SALES & SERVICE LTD. 595 HENRY STREET WOODSTOCK ON N4S 1S8	GEN
Generator No.: ON1062300 Status: Approval Years: 92,93,97,98 Contam. Facility: MHSW Facility: SIC Code: 9941 SIC Description: ELECTRIC MOTOR REPAI --Details-- Waste Code: 213 Waste Description: PETROLEUM DISTILLATES					
2	4 of 9	E/83.6	291.6	RELIABLE ELECTRIC SALES & SERV.LTD33-500 595 HENRY STREET WOODSTOCK C/O P.O. BOX 303 WOODSTOCK ON N4S 1X8	GEN
Generator No.: ON1062300 Status: Approval Years: 94,95,96 Contam. Facility: MHSW Facility: SIC Code: 9941					
PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		ELECTRIC MOTOR REPAI			
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
2	5 of 9	E/83.6	291.6	RELIABLE ELECTRIC SALES 595 HENRY STREET WOODSTOCK ON N4S 1S8	GEN
Generator No.:		ON1062300		PO Box No.:	
Status:				Country:	
Approval Years:		99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		9941			
SIC Description:		ELECTRIC MOTOR REPAIR			
--Details--					
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
2	6 of 9	E/83.6	291.6	Nethercott Press Inc. 595 Henry Street Woodstock ON N4S 1X8	GEN
Generator No.:		ON3425255		PO Box No.:	
Status:				Country:	
Approval Years:		07,08		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		323119			
SIC Description:		Other Printing			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
2	7 of 9	E/83.6	291.6	Nethercott Press Inc. 595 Henry Street Woodstock ON N4S 1X8	GEN
Generator No.:		ON3425255		PO Box No.:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		323119			
SIC Description:		Other Printing			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
2	8 of 9	E/83.6	291.6	Nethercott Press Inc. 595 Henry Street Woodstock ON N4S 1X8	GEN
Generator No.:		ON3425255		PO Box No.:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		323119			
SIC Description:		Other Printing			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		265			
Waste Description:		GRAPHIC ART WASTES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
2	9 of 9	E/83.6	291.6	Nethercott Press Inc. 595 Henry St Woodstock ON N4S 1X8	SCT
Established:		01-JUL-84			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Quick Printing			
SIC/NAICS Code:		323114			
3	1 of 2	E/84.6	292.7	Nethercott Press 595 Henry St Woodstock ON	GEN
Generator No.:		ON8728441		PO Box No.:	
Status:				Country:	
Approval Years:		2013		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		323113			
SIC Description:		COMMERCIAL SCREEN PRINTING			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	2 of 2	E/84.6	292.7	Nethercott Press 595 Henry St Woodstock ON	GEN
Generator No.: ON8728441 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 323113 SIC Description: Commercial Screen Printing		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:			
4	1 of 2	SW/93.0	291.1	P.U.C. WOODSTOCK VICTORIA ST./HENRY ST./WALTER WOODSTOCK ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::		7-0260-98-98 4/9/1998 Municipal water Cancelled			
4	2 of 2	SW/93.0	291.1	OXFORD COUNTY, PUBLIC WORKS DEPARTMENT VICTORIA ST./HENRY ST. WOODSTOCK ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::		7-0261-98-98 4/28/1998 Municipal water Approved			
5	1 of 1	NW/139.9	298.0	PIN# 42763 Woodstock ON	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: 19990506002					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Addit. Info Ordered::					
Report Date:		5/14/99			
Report Type:		Custom Report			
Search Radius (km):		0.35			
6	1 of 1	S/151.6	289.5	Woodstock ON	WWIS
Well ID:	7165940			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	7/22/2011
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7190
Casing Material:				Form Version:	7
Audit No:	Z120234			Owner:	
Tag:	A105790			Street Name:	168 VICTORIA ST.
Construction Method:				County:	OXFORD
Elevation (m):				Municipality:	WOODSTOCK CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003537906			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:				UTMRC:	3
Code OB Desc:				UTMRC Desc:	margin of error : 10 - 30 m
Open Hole:				Location Method:	wwr
Elevation:	289.217346			Org CS:	UTM83
Elevrc:				Date Completed:	5/6/2011
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1003960210				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Other Materials:					
Mat3:	84				
Other Materials:	SILTY				
Formation Top Depth:	0.00				
Formation End Depth:	7.50				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation ID:		1003960211			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		84			
Other Materials:		SILTY			
Formation Top Depth:		7.50			
Formation End Depth:		10.00			
Formation End Depth UOM:		ft			
Formation ID:		1003960212			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		10.00			
Formation End Depth:		12.50			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003960219			
Layer:		1			
Plug From:		12.50			
Plug To:		2.00			
Plug Depth UOM:		ft			
Plug ID:		1003960220			
Layer:		2			
Plug From:		2.00			
Plug To:		0.50			
Plug Depth UOM:		ft			
Plug ID:		1003960221			
Layer:		3			
Plug From:		0.50			
Plug To:		0.00			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003960218			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003960209			
Casing No:		0			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003960215			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		2.50			
Depth To:		0.00			
Casing Diameter:		2.00			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003960216			
Layer:		1			
Slot:					
Screen Top Depth:		12.50			
Screen End Depth:		2.50			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.00			
<u>Water Details</u>					
Water ID:		1003960214			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003960213			
Diameter:		6.50			
Depth From:		0.00			
Depth To:		12.50			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>7</u>	1 of 1	SW/179.5	288.5	168 Victoria St. & 175 Wellington St. Woodstock ON	EHS
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20080919013			
Addit. Info Ordered.:					
Report Date:		9/29/2008			
Report Type:		Standard Report			
Search Radius (km):		0.25			
<u>8</u>	1 of 1	SW/181.0	288.5	n/a Woodstock ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Postal Code: City: Address2: Address1: Provstate: Order No.: 20130711006 Addit. Info Ordered:: Report Date: 19-JUL-13 Report Type: RSC Report (Rural) Search Radius (km): .3					

9	1 of 3	SSW/183.1	288.8	ON	INC
Incident No: 797184 Incident ID: Attribute Category: FS-Perform L1 Incident Insp Status Code: Incident Location: 168 Victoria Street South, Woodstock - CO Release Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type: Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: CO Release Fuel Type Involved: Natural Gas Date of Occurrence: 4/20/2012 0:00 Time of Occurrence: 19:42:00 Occur Insp Start Date: 4/23/2012 0:00 Any Health Impact: No Any Environmental Impact: No Was Service Interrupted: No Was Property Damaged: No Operation Type Involved: Multi-unit Residential Enforcement Policy: Prc Escalation Required: Task No: 3806845					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Notes: Occurrence Narrative: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					
<u>9</u>	2 of 3	SSW/183.1	288.8	WOODSTOCK ON	WWIS
Well ID: 7211432 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z180251 Tag: A156560 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: Date Received: 11/20/2013 Selected Flag: 1 Abandonment Rec: Contractor: 7320 Form Version: 7 Owner: Street Name: 168 VICTORIA STREET SOUTH County: OXFORD Municipality: EAST OXFORD TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1004642737 DP2BR: Code OB: Code OB Desc: Open Hole: Elevation: 289.949462 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Spatial Status: Cluster Kind: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr Org CS: UTM83 Date Completed: 10/28/2013					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1004911982 Layer: 1 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 01 Other Materials: FILL Mat3: Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Formation Top Depth:		0.00			
Formation End Depth:		1.20			
Formation End Depth UOM:		m			
Formation ID:		1004911983			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		1.20			
Formation End Depth:		2.40			
Formation End Depth UOM:		m			
Formation ID:		1004911984			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2.40			
Formation End Depth:		4.60			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004911991			
Layer:		1			
Plug From:		0.00			
Plug To:		0.15			
Plug Depth UOM:		m			
Plug ID:		1004911992			
Layer:		2			
Plug From:		0.15			
Plug To:		1.20			
Plug Depth UOM:		m			
Plug ID:		1004911993			
Layer:		3			
Plug From:		1.20			
Plug To:		4.60			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1004911990			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pipe ID:		1004911981			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004911987			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		1.50			
Casing Diameter:		3.10			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004911988			
Layer:		1			
Slot:		.01			
Screen Top Depth:		1.50			
Screen End Depth:		4.60			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.10			
 <u>Water Details</u>					
Water ID:		1004911986			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		2.40			
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004911985			
Diameter:		10.00			
Depth From:		0.00			
Depth To:		4.60			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
9	3 of 3	SSW/183.1	288.8	WOODSTOCK ON	WWIS
Well ID:	7211431			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	11/20/2013
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7320
Casing Material:				Form Version:	7
Audit No:	Z180250			Owner:	
Tag:	A156564			Street Name:	168 VICTORIA STREET SOUTN
Construction Method:				County:	OXFORD
Elevation (m):				Municipality:	EAST OXFORD TOWNSHIP
Elevation Reliability:				Site Info:	

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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2.40			
Formation End Depth:		4.60			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004911978			
Layer:		1			
Plug From:		0.00			
Plug To:		0.15			
Plug Depth UOM:		m			
Plug ID:		1004911979			
Layer:		2			
Plug From:		0.15			
Plug To:		1.20			
Plug Depth UOM:		m			
Plug ID:		1004911980			
Layer:		3			
Plug From:		1.20			
Plug To:		4.60			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004911977			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004911968			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004911974			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		1.50			
Casing Diameter:		3.10			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004911975			
Layer:		1			
Slot:		.01			
Screen Top Depth:		1.50			
Screen End Depth:		4.60			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.10			
<u>Water Details</u>					
Water ID:		1004911973			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		2.40			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004911972			
Diameter:		10.00			
Depth From:		0.00			
Depth To:		4.60			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

10	1 of 1	SW/184.5	288.5	WOODSTOCK ON	WWIS
Well ID:	7211433			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	11/20/2013
Sec. Water Use:				Selected Flag:	1
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7320
Casing Material:				Form Version:	7
Audit No:	Z180249			Owner:	
Tag:	A156562			Street Name:	168 VICTORIA STREET SOUTH 101
Construction Method:				County:	OXFORD
Elevation (m):				Municipality:	EAST OXFORD TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1004642754	Spatial Status:	
DP2BR:		Cluster Kind:	
Code OB:		UTMRC:	4
Code OB Desc:		UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:		Location Method:	wwr
Elevation:	288.070007	Org CS:	UTM83
Elevrc:		Date Completed:	10/28/2013
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004911995			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0.00			
Formation End Depth:		1.50			
Formation End Depth UOM:		m			
Formation ID:		1004911996			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		1.50			
Formation End Depth:		2.40			
Formation End Depth UOM:		m			
Formation ID:		1004911997			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2.40			
Formation End Depth:		4.60			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004912004			
Layer:		1			
Plug From:		0.00			
Plug To:		0.15			
Plug Depth UOM:		m			
Plug ID:		1004912005			
Layer:		2			
Plug From:		0.15			
Plug To:		1.20			
Plug Depth UOM:		m			
Plug ID:		1004912006			
Layer:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Plug From:		1.20			
Plug To:		4.60			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004912003			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004911994			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004912000			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		1.50			
Casing Diameter:		3.10			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004912001			
Layer:		1			
Slot:		.01			
Screen Top Depth:		1.50			
Screen End Depth:		4.60			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.10			
<u>Water Details</u>					
Water ID:		1004911999			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		0.40			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004911998			
Diameter:		10.00			
Depth From:		0.00			
Depth To:		4.60			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
11	1 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON	GEN
Generator No.: ON3358620 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 336990 SIC Description: Other Transportation Equipment Manufacturing		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:			
11	2 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON	GEN
Generator No.: ON3358620 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 336990 SIC Description: OTHER TRANSPORTATION EQUIPMENT MANUFACTURING		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:			
--Details--					
Waste Code: 145					
Waste Description: PAINT/PIGMENT/COATING RESIDUES					
11	3 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	GEN
Generator No.: ON3358620 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 336990 SIC Description: OTHER TRANSPORTATION EQUIPMENT MANUFACTURING		PO Box No.: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No. Admin:			
--Details--					
Waste Code: 145					
Waste Description: PAINT/PIGMENT/COATING RESIDUES					
11	4 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	GEN
Generator No.: ON3358620 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 336990		PO Box No.: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No. Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Description:		OTHER TRANSPORTATION EQUIPMENT MANUFACTURING			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
11	5 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	GEN
Generator No.:		ON3358620		PO Box No.:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No. Admin:	
SIC Code:		336990			
SIC Description:		OTHER TRANSPORTATION EQUIPMENT MANUFACTURING			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
11	6 of 6	NW/189.1	301.1	Whitelaw Automotive & Industrial Supply Company 575 Main St. P.O. Box 1573 Woodstock ON N4S 0A7	GEN
Generator No.:		ON3358620		PO Box No.:	
Status:		Registered		Country: Canada	
Approval Years:		As of Jun 2017		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
12	1 of 1	ENE/193.2	292.2	WOODSTOCK ON	WWIS
Well ID:		7116750		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 12/18/2008	
Sec. Water Use:				Selected Flag: 1	
Final Well Status:		Test Hole		Abandonment Rec:	
Water Type:				Contractor: 7215	
Casing Material:				Form Version: 7	
Audit No:		Z90073		Owner:	
Tag:		A070309		Street Name: 100 WILSON ST.	
Construction Method:				County: YORK	
Elevation (m):				Municipality: VAUGHAN TOWN (VAUGHAN TWP)	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1001912163 DP2BR: Code OB: Code OB Desc: Open Hole: Elevation: 292.135009 Elevrc: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
				Spatial Status: Cluster Kind: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr Org CS: UTM83 Date Completed: 10/16/2008	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002026523 Layer: 1 Color: 6 General Color: BROWN Mat1: 06 Most Common Material: SILT Mat2: 34 Other Materials: TILL Mat3: 79 Other Materials: PACKED Formation Top Depth: 0.00 Formation End Depth: 2.44 Formation End Depth UOM: m					
Formation ID: 1002026524 Layer: 2 Color: 2 General Color: GREY Mat1: 06 Most Common Material: SILT Mat2: 05 Other Materials: CLAY Mat3: Other Materials: Formation Top Depth: 2.44 Formation End Depth: 4.50 Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1002026526 Layer: 1 Plug From: 0.00 Plug To: 0.30 Plug Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Plug ID:		1002026527			
Layer:		2			
Plug From:		0.30			
Plug To:		1.22			
Plug Depth UOM:		m			
Plug ID:		1002026528			
Layer:		3			
Plug From:		1.22			
Plug To:		4.50			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002026533			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002026522			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002026530			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002026531			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.50			
Screen End Depth:		4.50			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		2.00			
<u>Water Details</u>					
Water ID:		1002026529			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Hole ID: 1002026525 Diameter: 8.00 Depth From: 0.00 Depth To: 4.50 Hole Depth UOM: m Hole Diameter UOM: cm					
13	1 of 1	WSW/194.5	289.3	ON	BORE
Borehole ID: 700131 Use: Geotechnical/Geological Investigation Drill Method:: Easting:: 520096 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 2.4 Township:: Lot:: Completion Date:: 1975 Primary Water Use::					
Type: GeoColumn Status:: UTM Zone:: 17 Northing:: 4774809 Orig. Ground Elev m:: -999.9 DEM Ground Elev m:: 289 Primary Name:: W-1733 Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use::					
--Details--					
Stratum ID: 218341295 Bottom Depth(m): 0.8 Top Depth(m): 0.0 Stratum Desc: Weathered yellowish brown sand					
Stratum ID: 218341296 Bottom Depth(m): 1.7 Top Depth(m): 0.8 Stratum Desc: Brown, gritty, sandy silt till (Tavistock Till)					
Stratum ID: 218341297 Bottom Depth(m): 2.0 Top Depth(m): 1.7 Stratum Desc: Dark brown, gritty, clayey silt till (Port Stanley Till), missing in places					
Stratum ID: 218341298 Bottom Depth(m): 2.4 Top Depth(m): 2.0 Stratum Desc: Laminated clayey silt with fine sand partings					
14	1 of 1	WSW/196.2	289.1	WOODSTOCK ON	WWIS
Well ID: 7211434 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z180252 Tag: A156561 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 11/20/2013 Selected Flag: 1 Abandonment Rec: Contractor: 7320 Form Version: 7 Owner: Street Name: 175 WELLINGTON STREET County: OXFORD Municipality: EAST OXFORD TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Bore Hole ID:	1004642757			Spatial Status:	
DP2BR:				Cluster Kind:	
Code OB:				UTMRC:	4
Code OB Desc:				UTMRC Desc:	margin of error : 30 m - 100 m
Open Hole:				Location Method:	wwr
Elevation:	288.218872			Org CS:	UTM83
Elevrc:				Date Completed:	10/28/2013
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004912008				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	01				
Other Materials:	FILL				
Mat3:					
Other Materials:					
Formation Top Depth:	0.00				
Formation End Depth:	1.20				
Formation End Depth UOM:	m				
Formation ID:	1004912009				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:					
Other Materials:					
Formation Top Depth:	1.20				
Formation End Depth:	2.40				
Formation End Depth UOM:	m				
Formation ID:	1004912010				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	2.40				
Formation End Depth:	4.60				
Formation End Depth UOM:	m				
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Plug ID:		1004912017			
Layer:		1			
Plug From:		0.00			
Plug To:		0.15			
Plug Depth UOM:		m			
Plug ID:		1004912018			
Layer:		2			
Plug From:		0.15			
Plug To:		1.20			
Plug Depth UOM:		m			
Plug ID:		1004912019			
Layer:		3			
Plug From:		1.20			
Plug To:		4.60			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004912016			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004912007			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004912013			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.00			
Depth To:		1.50			
Casing Diameter:		3.10			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004912014			
Layer:		1			
Slot:		.01			
Screen Top Depth:		1.50			
Screen End Depth:		4.60			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.10			
<u>Water Details</u>					
Water ID:		1004912012			
Layer:		1			
Kind Code:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Kind:		Untested			
Water Found Depth:		2.40			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004912011			
Diameter:		10.00			
Depth From:		0.00			
Depth To:		4.60			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
15	1 of 2	WNW/202.3	299.8	WHITELAW MACHINERY CO. LTD. 572 Main St Woodstock ON N4S 1V6	SCT
Established:		1984			
Plant Size (ft²):		50000			
Employment:		85			
<u>--Details--</u>					
Description:		Construction Machinery Manufacturing			
SIC/NAICS Code:		333120			
Description:		All Other Industrial Machinery Manufacturing			
SIC/NAICS Code:		333299			
Description:		Other Metalworking Machinery Manufacturing			
SIC/NAICS Code:		333519			
15	2 of 2	WNW/202.3	299.8	Whitelaw Machinery Company Ltd 572 Main St Woodstock ON N4S 1V6	SCT
Established:		01-AUG-56			
Plant Size (ft²):		50000			
Employment:					
<u>--Details--</u>					
Description:		Other Metalworking Machinery Manufacturing			
SIC/NAICS Code:		333519			
Description:		Construction Machinery Manufacturing			
SIC/NAICS Code:		333120			
Description:		All Other Industrial Machinery Manufacturing			
SIC/NAICS Code:		333299			
16	1 of 3	WSW/219.1	289.3	WOODSTOCK CITY WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	CA
Certificate #:		3-0364-94-			
Application Year:		94			
Issue Date:		4/26/1994			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
16	2 of 3	WSW/219.1	289.3	OXFORD COUNTY HENRY ST./WELLINGTON ST. WOODSTOCK CITY ON	CA
Certificate #: 7-0325-94- Application Year: 94 Issue Date: 5/17/1994 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
16	3 of 3	WSW/219.1	289.3	WOODSTOCK CITY WELLINGTON ST./HENRY ST. WOODSTOCK CITY ON	CA
Certificate #: 3-0832-94- Application Year: 94 Issue Date: 7/20/1994 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
17	1 of 5	WNW/220.1	296.3	Dr. Donna Flanagan 95 Wellington St South Woodstock ON	GEN
Generator No.: ON7112002 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description: VETERINARY SERVICES PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details-- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: 312 Waste Description: PATHOLOGICAL WASTES Waste Code: 264 Waste Description: PHOTOPROCESSING WASTES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					
17	2 of 5	WNW/220.1	296.3	Dr.Elizabeth Dennis 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 541940 SIC Description: VETERINARY SERVICES PO Box No.: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Kate EM Greatrex Phone No. Admin: 519-539-9722 Ext.					
--Details-- Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 312 Waste Description: PATHOLOGICAL WASTES Waste Code: 264 Waste Description: PHOTOPROCESSING WASTES					
17	3 of 5	WNW/220.1	296.3	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 541940 SIC Description: VETERINARY SERVICES PO Box No.: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Kate EM Greatrex Phone No. Admin: 519-539-9722 Ext.					
--Details-- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 312 Waste Description: PATHOLOGICAL WASTES Waste Code: 264 Waste Description: PHOTOPROCESSING WASTES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
17	4 of 5	WNW/220.1	296.3	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 541940 SIC Description: VETERINARY SERVICES PO Box No.: Country: Canada Choice of Contact: CO_ADMIN Co Admin: Kate EM Greatrex Phone No. Admin: 519-539-9722 Ext.					
--Details--					
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
17	5 of 5	WNW/220.1	296.3	Dr.Elizabeth Dennis 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Registered Approval Years: As of Jun 2017 Contam. Facility: MHSW Facility: SIC Code: SIC Description: PO Box No.: Country: Canada Choice of Contact: Co Admin: Phone No. Admin:					
--Details--					
Waste Code:		148 B			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		312 P			
Waste Description:		Pathological wastes			
Waste Code:		264 T			
Waste Description:		Photoprocessing wastes			
18	1 of 5	WNW/227.0	299.0	Dr. Donna Flanagan 95 Wellington St South Woodsock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 06,07,08 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description: Veterinary Services PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: 312 Waste Description: PATHOLOGICAL WASTES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS					
18	2 of 5	WNW/227.0	299.0	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 2009 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description: Veterinary Services PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details-- Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
18	3 of 5	WNW/227.0	299.0	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 541940 SIC Description: Veterinary Services PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
--Details-- Waste Code: 312 Waste Description: PATHOLOGICAL WASTES Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS					
18	4 of 5	WNW/227.0	299.0	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: ON7112002 Status: PO Box No.: Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2011 541940	 Veterinary Services		Choice of Contact: Co Admin: Phone No. Admin:	
--Details-- Waste Code: Waste Description:	 263	 ORGANIC LABORATORY CHEMICALS			
Waste Code: Waste Description:	312	PATHOLOGICAL WASTES			
Waste Code: Waste Description:	148	INORGANIC LABORATORY CHEMICALS			
18	5 of 5	WNW/227.0	299.0	Dr. Donna Flanagan 95 Wellington St South Woodstock ON N4S 3H9	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7112002 2012 541940	 Veterinary Services		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
--Details-- Waste Code: Waste Description:	 312	 PATHOLOGICAL WASTES			
Waste Code: Waste Description:	148	INORGANIC LABORATORY CHEMICALS			
Waste Code: Waste Description:	263	ORGANIC LABORATORY CHEMICALS			
19	1 of 1	E/240.3	293.4	666 Henry Street Woodstock ON N4S 1Y1	EHS
Postal Code: City: Address2: Address1: Provstate: Order No.: Addit. Info Ordered:: Report Date: Report Type: Search Radius (km):	 20030905003 Title Search 9/15/03 Basic Report 0.25				
20	1 of 3	NE/241.6	292.2	CHIEFTAIN WELDQUIP INC. 640 MAIN ST WOODSTOCK ON N4S 8Y5	SCT
Established: Plant Size (ft²): Employment:	1993 2000 3				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--Details--					
Description:				SPECIAL DIES & TOOLS & INDUSTRIAL MOLDS	
SIC/NAICS Code:				3544	
Description:				ELECTRIC & GAS WELDING & SOLDERING EQUIPMENT	
SIC/NAICS Code:				3548	
Description:				INDUSTRIAL MACHINERY & EQUIPMENT	
SIC/NAICS Code:				5084	
20	2 of 3	NE/241.6	292.2	ARROW SPECIALTIES 640 MAIN ST WOODSTOCK ON N4S 8Y5	SCT
Established:		1992			
Plant Size (ft²):		5000			
Employment:		3			
--Details--					
Description:				NONDURABLE GOODS, N.E.C.	
SIC/NAICS Code:				5199	
20	3 of 3	NE/241.6	292.2	Chieftain Marketing 640 Main St Woodstock ON N4S 8Y5	SCT
Established:		01-JAN-93			
Plant Size (ft²):		2000			
Employment:					
--Details--					
Description:				Service Establishment Machinery, Equipment and Supplies Wholesaler-Distributors	
SIC/NAICS Code:				417920	
Description:				Soap and Cleaning Compound Manufacturing	
SIC/NAICS Code:				325610	
Description:				Chemical (except Agricultural) and Allied Product Wholesaler-Distributors	
SIC/NAICS Code:				418410	
Description:				Other Paper and Disposable Plastic Product Wholesaler-Distributors	
SIC/NAICS Code:				418220	
Description:				Chemical (except Agricultural) and Allied Product Wholesaler-Distributors	
SIC/NAICS Code:				418410	
Description:				All Other Miscellaneous Manufacturing	
SIC/NAICS Code:				339990	
21	1 of 1	ESE/243.0	293.5	P.U.C. WOODSTOCK FRANCIS ST./EAST PARK DRIVE WOODSTOCK CITY ON	CA
Certificate #:		7-0568-89-			
Application Year:		89			
Issue Date:		6/21/1989			
Approval Type:		Municipal water			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
<i>Status:</i>		Approved			
<i>Application Type:</i>					
<i>Client Name::</i>					
<i>Client Address::</i>					
<i>Client City::</i>					
<i>Client Postal Code::</i>					
<i>Project Description::</i>					
<i>Contaminants::</i>					
<i>Emission Control::</i>					

Unplottable Summary

Total: 21 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AGR	THAMES VALLEY AGGREGATES INC.	Lot PT Lot 20, Con 1 Lot PT Lot 20, Con 1	OXFORD (ON THAMES) ON	
AGR	THAMES VALLEY AGGREGATES INC.	Lot PT Lot 20, Con 1	OXFORD (ON THAMES) ON	
CA	P.U.C.	BURTCH ST.	WOODSTOCK ON	
CA	MANOR COURT CORPORATION-PRIVATE PROPERTY	BURTCH STREET	WOODSTOCK CITY ON	
CA	REEVES REALTY CORPORATION	BURTCH STREET	WOODSTOCK CITY ON	
CA	MANOR COURT CORPORATION - PRIVATE	YOUNG STREET	WOODSTOCK CITY ON	
CA	WOODSTOCK CITY	YOUNG ST.	WOODSTOCK CITY ON	
CA	MANOR COURT CORPORATION	W. SIDE. OF YOUNG ST.	WOODSTOCK CITY ON	
CA	MANOR COURT CORPORATION	W. SIDE OF YOUNG ST.	WOODSTOCK CITY ON	
CA	P.U.C. WOODSTOCK CITY	WELLINGTON ST. S.	WOODSTOCK CITY ON	
CA	WOODSTOCK CITY	WELLINGTON ST./BURTCH ST.	WOODSTOCK CITY ON	
CA	P.U.C. WOODSTOCK	VICTORIA ST.	WOODSTOCK CITY ON	
CA	P.U.C. WOODSTOCK CITY	MAIN STREET	WOODSTOCK CITY ON	
CA	WOODSTOCK CITY	MAIN STREET	WOODSTOCK CITY ON	
CA	CITY	MAIN ST.	WOODSTOCK ON	
CA	WOODSTOCK CITY	HENRY STREET STORM SEWER EXTN.	WOODSTOCK CITY ON	
COAL	Woodstock Gas Works	Young Street bounded by Young, Peel, Burtch Sts and an open area	Woodstock ON	

EBR	588922 Ontario Inc.	Part of Lot 19, Concession 1	OXFORD ON
WWIS		lot 20	ON
WWIS		lot 20	ON
WWIS		lot 20	ON

Unplottable Report

Site: THAMES VALLEY AGGREGATES INC.
Lot PT Lot 20, Con 1 Lot PT Lot 20, Con 1 OXFORD (ON THAMES) ON **Database:**
AGR

ID: 611821 **Location Name:** Banner Road Pit
Current Status: **Licenced Area (ha):** 36.9
Status Date: **Extraction Area:**
Effective Date: **Authority Type:**
Approval Type: CLASS A LICENCE > 20000 TONNES **Section:**
Operation Type: PIT **Municipality:** ZORRA TP
Max Annual Tonnage: 450000 **County:** OXFORD CO
Unlimited Tonnage: No **District:** Aylmer District

Site: THAMES VALLEY AGGREGATES INC.
Lot PT Lot 20, Con 1 OXFORD (ON THAMES) ON **Database:**
AGR

ID: 611821 **Location Name:** Banner Road Pit
Current Status: **Licenced Area (ha):** 19.6
Status Date: **Extraction Area:**
Effective Date: **Authority Type:**
Approval Type: Class A Licence **Section:**
Operation Type: Pit **Municipality:** ZORRA TP
Max Annual Tonnage: 450000 **County:** OXFORD CO
Unlimited Tonnage: **District:**

Site: P.U.C.
BURTCH ST. WOODSTOCK ON **Database:**
CA

Certificate #: 7-0237-85-006
Application Year: 85
Issue Date: 5/14/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MANOR COURT CORPORATION-PRIVATE PROPERTY
BURTCH STREET WOODSTOCK CITY ON **Database:**
CA

Certificate #: 7-0360-87-
Application Year: 87
Issue Date: 9/25/1987
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::

Emission Control::

Site: REEVES REALTY CORPORATION
BURTCH STREET WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0894-88-
Application Year: 88
Issue Date: 7/18/1988
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MANOR COURT CORPORATION - PRIVATE
YOUNG STREET WOODSTOCK CITY ON

Database:
CA

Certificate #: 3-0440-87-
Application Year: 87
Issue Date: 9/25/1987
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WOODSTOCK CITY
YOUNG ST. WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0392-86-
Application Year: 86
Issue Date: 4/29/1987
Approval Type: Municipal water
Status: Underwent 1st revision in 1987
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: MANOR COURT CORPORATION
W. SIDE. OF YOUNG ST. WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0875-86-
Application Year: 86
Issue Date: 5/3/1988
Approval Type: Municipal water
Status: Underwent 1st revision in 1988
Application Type:
Client Name::

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

Site: MANOR COURT CORPORATION
W. SIDE OF YOUNG ST. WOODSTOCK CITY ON

Database:
CA

Certificate #: 3-1093-86-
Application Year: 86
Issue Date: 8/11/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: P.U.C. WOODSTOCK CITY
WELLINGTON ST. S. WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0347-87-
Application Year: 87
Issue Date: 4/23/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WOODSTOCK CITY
WELLINGTON ST./BURTCH ST. WOODSTOCK CITY ON

Database:
CA

Certificate #: 3-0364-93-
Application Year: 93
Issue Date: 5/4/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: P.U.C. WOODSTOCK
VICTORIA ST. WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0606-86-
Application Year: 86

Issue Date: 7/8/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **P.U.C. WOODSTOCK CITY**
MAIN STREET WOODSTOCK CITY ON

Database:
CA

Certificate #: 7-0348-87-
Application Year: 87
Issue Date: 5/6/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **WOODSTOCK CITY**
MAIN STREET WOODSTOCK CITY ON

Database:
CA

Certificate #: 3-0223-87-
Application Year: 87
Issue Date: 4/10/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **CITY**
MAIN ST. WOODSTOCK ON

Database:
CA

Certificate #: 3-0020-85-006
Application Year: 85
Issue Date: 2/12/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WOODSTOCK CITY
HENRY STREET STORM SEWER EXTN. WOODSTOCK CITY ON

Database:
CA

Certificate #: 3-1659-95-006
Application Year: 95
Issue Date: 12/6/95
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Woodstock Gas Works
Young Street bounded by Young, Peel, Burtch Sts and an open area Woodstock ON

Database:
COAL

Facility Type: Coal Gasification
Size: Small 0.4 hectares
NTS Map Sheet: 40 P/2
Planned Land Use: Townhouse complex & proposed Main and Young Street extensions
Present Land Use: Residential, commercial
Landuse Adj Property: N-commerical, E-residential, S-CN railway line, W-residential (townhouses)
Underground Utilities: Storm & sanitary sewers, and watermain along Young Street, sanitary sewer along proposed Main Street extension
Soil Conditions: Unknown, fill assumed
Site Access: Uncontrolled
Operating Period: 1876 to 1919 ? (43 years)
Surface Water: Cedar Creek, Thames River
Surface Water Prox: 0.75 km southwest and 2 km west, respectively
Surface Water Use: Industrial, recreation
Groundwater Prox: High water table
Groundwater Use: Seasonal water supply
Existing Wells Prox: Several wells make up town water supply. In town, wells are located 600 m north at Ingersoll Avenue & Huron Street and 900 m south at the south end of
Historical Map/Photo: 1876 Map produced by Walker and Miles, 1876, reproduced in Oxford and Brant County Atlas (1975), p. 28 (University of Western Ontario); 1913 Revision of 1899 fire insurance plan (Regional Collection, University of Western Ontario), key only.; 1919 Revision to 1899 fire insurance plan (Regional Collection, University of Western Ontario), Sheet 22.; 1928 Fire insurance plan (Regional Collection, University of Western Ontario), Sheet 22.
Operators: Woodstock Gas Light Co. (1875-1919?)
Present Occupants: McKerlie Automotive, Union Gas Co., Reeves Realty Co. (developer)
Excavation History: Tar first noticed in excavation for watermain on Young Street
Visible Wastes: Concrete blocks from building demolition show tar stains and residue
Odour: Minor odours on-site and strong odours in sanitary sewer and in groundwater monitoring wells installed by consultant conducting site assessment
Water Pollution: Strong odours in wells indicate groundwater contamination, no evidence of surface water contamination
Site Investigations: Consultant retained to undertake site assessment (study ongoing)
Comments/Remarks: Development in the area has been postponed until the completion on the consultant's site assessment study
Site Description: The Woodstock Gas Light Co. operated a small (0.4 hectare) coal gasification plant on the east side of Young Street, south of Peel Street from about 1876 to sometime before 1919 or about 43 years. The former gas plant property is now occupied by a parking lot and building of an automotive company, a gas metering station of Union Gas Company and a private vacant lot planned for townhouse development. The original gas manufacturing plant and gas holder was located on the automotive property. In 1897, the Woodstock Gas Light Co., acquired the property now owned by Union Gas and the property planned for townhouse development, and erected a larger gasometer on the property planned for townhouse development. Although the plant ceased operation sometime prior to 1913, the gasometer retained in place until at least 1928. The gas plant site served as an automobile junk yard from about 1919 to at least 1949. The site is now located in a mixed residential commercial area with adjoining land uses that include parking lot, lumber yard, railway line, townhouses and residences. The closest surface water is now Cedar Creek located about 750 m southwest of the site. Two small surface ponds once existed immediately south of the gas plant as evident on the 1876 and 1919 maps. In addition to the planned townhouse development, the City of Woodstock plans to extend Main and Young Streets in the area of the former gas plant.
Potential Environ Impact: Late in 1986, coal tar was observed seeping into an excavation, on the east side of Young Street in the vicinity of the Union Gas property. Subsequent to this discovery a consultant was retained by the City of Woodstock and the townhouse developer, to assess the site. During inspections of the site, concrete rubble with tarry stains and residue were observed and strong tar odors were noticed emanating from a sanitary sewer manhole. Also several of the wells installed by the consultant had tar odors indicating the presence of buried gas plant wastes. A large

open pipe (0.35 m diameter) that extended 3 m into the ground was also observed to have strong odors of tar. All of these observations of tar are in the vicinity of the former gasometer which was located south of the main gas works facilities. Given the planned road extensions, townhouse development and evidence of buried waste, there is a strong potential for exposure of wastes and environmental impact at this site. Some adverse health effect may also be possible if excavation proceeds without consideration of the extent and potentially harmful effects of these wastes on the workers. Some seasonal demand for drinking water is provided by two wells located 600 m north of the site at Ingersoll Avenue and Huron Street and 900 m south at the end of Victoria Street. These wells are infrequently used and not thought to be within the area impacted by the gas works wastes.

Offsite Disposal Areas:

No known off-site disposal areas. Some on-site disposal of coal waste (klinkers) was evident from consultant's investigation. There was, however, an

Site: 588922 Ontario Inc.
Part of Lot 19, Concession 1 OXFORD ON

Database:
EBR

EBR Registry No.: 011-8041
Ministry Ref. No.: MNR INST 5/13
Year: 2013
Proposal Date: January 23, 2013
Notice Date:
Notice Type: Instrument Proposal
Proponent Address: 6882 14 avenue Markham Ontario Canada L6B 1A8
Instrument Type: (ARA s. 7 (2) (a)) - Issuance of a Class A licence to remove more than 20,000 tonnes of aggregate annually from a pit or a quarry
Location: Part of Lot 19, Concession 1, Geographic Township of North Oxford COUNTY OF OXFORD
Location Other:

Site:
lot 20 ON

Database:
WWIS

Well ID:	2406511	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/29/1992
Sec. Water Use:		Selected Flag:	1
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3644
Casing Material:		Form Version:	1
Audit No:	76680	Owner:	
Tag:		Street Name:	
Construction Method:		County:	GRENVILLE
Elevation (m):		Municipality:	OXFORD TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	020
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10122583	Spatial Status:	
DP2BR:	40	Cluster Kind:	
Code OB:	r	UTMRC:	9
Code OB Desc:	Bedrock	UTMRC Desc:	unknown UTM
Open Hole:		Location Method:	na
Elevation:		Org CS:	
Elevrc:		Date Completed:	12/15/1992
Remarks:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931335240
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.00
Formation End Depth: 39.00
Formation End Depth UOM: ft

Formation ID: 931335241
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 39.00
Formation End Depth: 40.00
Formation End Depth UOM: ft

Formation ID: 931335242
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 40.00
Formation End Depth: 183.00
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 962406511
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10671153
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930204117
Layer: 1
Material: 1

Open Hole or Material: STEEL
Depth From:
Depth To: 51.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930204118
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 183.00
Casing Diameter: 6.00
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992406511
Pump Set At:
Static Level:
Final Level After Pumping: 120.00
Recommended Pump Depth: 120.00
Pumping Rate: 8.00
Flowing Rate:
Recommended Pump Rate: 8.00
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934160226
Test Type:
Test Duration: 15
Test Level: 29.00
Test Level UOM: ft

Pump Test Detail ID: 934437048
Test Type:
Test Duration: 30
Test Level: 2.00
Test Level UOM: ft

Water Details

Water ID: 933571239
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 179.00
Water Found Depth UOM: ft

Site:
 lot 20 ON

Database:
 WWIS

Well ID: 4708652
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other

Data Entry Status:
Data Src: 1
Date Received: 3/21/2003
Selected Flag: 1
Abandonment Rec:

Water Type:
Casing Material:
Audit No: 249471
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Contractor: 3563
Form Version: 1
Owner:
Street Name:
County: OXFORD
Municipality: WOODSTOCK CITY
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10540380
DP2BR:
Code OB:
Code OB Desc: No formation data
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 1/3/2003

Method of Construction & Well Use

Method Construction ID: 964708652
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11088950
Casing No: 1
Comment:
Alt Name:

Site:
lot 20 ON

Database:
[WWIS](#)

Well ID: 4708653
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 249470
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 3/21/2003
Selected Flag: 1
Abandonment Rec:
Contractor: 3563
Form Version: 1
Owner:
Street Name:
County: OXFORD
Municipality: WOODSTOCK CITY
Site Info:
Lot: 020
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10540381
DP2BR:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Elevation:
Elevrc:
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Spatial Status:
Cluster Kind:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na
Org CS:
Date Completed: 1/3/2003

Method of Construction & Well Use

Method Construction ID: 964708653
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11088951
Casing No: 1
Comment:
Alt Name:

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 2017

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-Nov 2016

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: 1999-May 2017

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: Feb 28, 2017

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: 1999-May 2017

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-Sep 2017

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-Oct 2017

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-Oct 2017

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-Oct 2017

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-Oct 2017

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

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

EXP

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

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: Jun 2000-Mar 2017

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-Apr 2015

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: Feb 28, 2017

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-Jun 2017

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 2015

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: Feb 28, 2017

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 2017

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 Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008 -Jun 2017

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-May 2017**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-Sep 2017**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 2017**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-Oct 2017**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-Aug 2017

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: Feb 28, 2017

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-Oct 2017

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: 1986-2016

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-Aug 2017

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-May 2017

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-Jun 2017

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

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 31, 2017

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: Mar 31, 2017

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.