



CHUNG & VANDER DOELEN
ENGINEERING LTD.

311 VICTORIA STREET NORTH
KITCHENER / ONTARIO / N2H 5E1
519-742-8979

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
105 ELMIRA ROAD NORTH
GUELPH, ONTARIO

SUBMITTED TO:

Mr. Wesley Hordyk
HIP Developments
74 Grand Avenue South, Unit 201
Cambridge, ON
N1S 0B7

FILE NO.: 1755 / December 6, 2024

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1.0 EXECUTIVE SUMMARY

CHUNG & VANDER DOELEN ENGINEERING LTD. (CVD) was retained by Mr. Wesley Hordyk of HIP Developments to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 105 Elmira Road North in Guelph, Ontario (hereinafter referred to as the “Phase One Property” and/or “Site”).

The purpose of the Phase I ESA is to evaluate the environmental conditions of the Site and adjacent properties and to identify actual or potential sources of contamination associated with the subject property and surrounding properties. The Phase One ESA is part of the due diligence requirements for the Site, and it is understood that a Record of Site Condition (RSC) is not intended for the property at this time.

The Phase One Property is a rectangular-shaped vacant property, approximately 2.49 acres in area, that is located on the northeast corner of Willow Road and Elmira Road North in an area of predominantly residential land uses.

The Phase One Property was historically forested land until the late 1990s when the forest was cleared. The Phase One Property has remained vacant grassed land since the early 2000s.

The findings of the Phase One ESA did not identify any actual or potential sources of contamination on the Site or surrounding properties. It is CVD’s professional opinion that the potential for environmental liabilities associated with the Site under investigation is low, and that no further investigations are required at this time. This opinion is based on the following:

- The Site does not appear to have ever been used for any land use that may produce, store, or dispose of environmentally hazardous materials.
- The surrounding properties are not expected to pose an environmental concern for the Site. Past activities on the surrounding properties in these areas are not expected to pose an environmental concern for the Site.



2.0 INTRODUCTION

2.1 *Phase One Property Information*

CHUNG & VANDER DOELEN ENGINEERING LTD. (CVD) was retained by Mr. Wesley Hordyk of HIP Developments to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 105 Elmira Road North in Guelph, Ontario (hereinafter referred to as the “Phase One Property” and/or “Site”).

The legal description of the Site are as follows:

- BLOCK 180, PLAN 61M68, CITY OF GUELPH

The property PIN is 71486-0449 (LT)

CVD’s contact information for the Site is as follows:

Mr. Wesley Hordyk
HIP Developments
74 Grand Avenue South, Unit 201
Cambridge, Ontario
N1S 0B7
Phone: 519-496-8778
Email: wesley@hipdevelopments.com

The purpose of the Phase I ESA is to evaluate the environmental conditions of the Site and adjacent properties and to identify actual or potential sources of contamination associated with the subject property and surrounding properties. The Phase One ESA is part of the due diligence requirements for the Site, and it is understood that a Record of Site Condition (RSC) is not intended for the property at this time.

The Phase One Property is a rectangular-shaped vacant property, approximately 2.49 acres in area, that is located on the northeast corner of Willow Road and Elmira Road North in an area of predominantly residential land uses.

Appendix A shows the location of the Site. A Site Plan is available in Appendix B.



3.0 SCOPE OF THE INVESTIGATION

A Phase One Environmental Site Assessment is a thorough review of all activities that may have impacted the Site from an environmental standpoint.

CVD conducted this Phase One Environmental Site Assessment in general accordance with the amended Ontario Regulation 153/04. This report also conforms to Canadian Standards Association (CSA) Z768-01 (R2022). The above-noted procedures set standards for review of information pertaining to the Site, development of detailed checklists or protocols, conducting the Site inspection, and preparation of the final report.

The scope of work for the Phase One ESA consisted of the following tasks:

- Site reconnaissance on December 5, 2024;
- Interview discussions with the Site representative throughout the Phase One ESA process;
- Review the current use of the Site and the practices that may have impacted the environmental condition of the Site;
- A review of available city directories, fire insurance plans (FIPs) and historical maps to determine previous occupants of the Site and surrounding properties and to determine the first developed use of the Site;
- A search of available databases to identify actual or potential sources of contamination associated with the Site and surrounding properties;
- Review of the previous environmental reports conducted for the property, if available;
- Interpretation of available aerial photographs;
- Contact government agencies to request information for the Site, regarding environmental regulatory registration or non-compliance. Review any such information where available;
- Interpretation of available topographic maps;
- Prepare this report with conclusions based on the information obtained during this assessment.

CVD relies on information received from all parties as accurate, unless contradicted by field observations or written documentation.



4.0 RECORDS REVIEW

4.1 General

Available information sources, including regulatory databases were assessed in an effort to gain information related to past Site activities, and to address potential environmental issues that may be present at, or in the vicinity of the Site.

4.1.1 Phase One Study Area Determination

A preliminary review of the documents listed in Section 4.0 indicates that there are no obvious concerns with any properties outside a 250 m radius of the Site. The study area for the Phase One ESA is therefore determined to be within a 250 m radius of the Site.

4.1.2 First Development Use Determination

The Phase One Property is currently vacant land. The Phase One Property was historically forested land prior to the late 1990s when the forest was cleared.

4.1.3 Fire Insurance Plans

The Canadian Fire Insurance Plans (FIPs) in Ontario Collection, 1876 to 1973 (Vol. 5) was referenced for information regarding the Site and surrounding properties.

No coverage for the Site was identified.

4.1.4 Previous Environmental Reports

No previous environmental reports for the Site were available to CVD during the completion of the Phase One ESA.

4.2 Environmental Source Information

A summary of information obtained from available resource documents and from regulatory agency databases is provided as follows. A copy of all correspondence is included in Appendix E.

Inventory of Coal Gasification Plant Waste Sites in Ontario

A review of the Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario (April 1987) revealed that the Site and surrounding properties within 250 m have not been used for the gasification of coal.



Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario

A review of the Intera Technologies Ltd. Inventory of Industrial Sites Producing Coal Tars and Related Tars in Ontario (July 1988) revealed that the production and use of coal or other tars has not taken place at the Site or surrounding properties within 250 m.

Ministry of the Environment Conservation and Parks Inventory of PCB Storage Sites in Ontario

The 1998 Ontario Ministry of the Environment Inventory of Polychlorinated Biphenyl (PCB) Storage Sites in Ontario indicated that there are no PCB storage Sites located within the Phase One Study Area.

Ministry of the Environment Conservation and Parks (MECP)

A FOI request was submitted to the MECP for information regarding any environmental concerns, orders, spills, investigations/prosecutions, Waste Generator Numbers/Classes and Certificates of Approval related to the Site. However, it can take several weeks to receive a response from the MECP.

At the time of writing this report, we have not yet received a response to this request. Any relevant information received from the MECP will be forwarded as an addendum to this report.

The FOI request is included in Appendix E.

Waste Disposal Site Inventory – Ontario MECP (1991)

The Site is not listed in the MECP's Waste Disposal Inventory. In addition, there are no active or closed landfill sites located within 250 m of the Site.

The Technical Standards and Safety Authority (TSSA), Fuels Safety Division (FSD)

A Customer Service Advisor at TSSA was contacted to determine if any aboveground or underground storage tanks (ASTs or USTs) were listed in its database for the Site. A representative of the TSSA indicated that there are no registered fuel tanks on the property.

A copy of the TSSA correspondence is included in Appendix E.

MECP Brownfields Environmental Site Registry

A review of the MECP's online Brownfields Environmental Site Registry database revealed no information related to environmental investigations or remedial activities at the Phase One Property and the surrounding properties within 250 m.



ERIS Report

A request was made to Environmental Risk Information Services (ERIS) for a standard select report. The standard select report provides historical environmental information for the subject property and lands surrounding the Site within a 250 m radius. Selected federal, provincial and private sector databases are researched to identify potential environmental concerns. The standard select report is used to aid in the identification of possible environmental risk factors for commercial, industrial and residential sites.

The following is a list of the database searches completed by ERIS for this assignment.

- Commercial Fuel Oil Tanks (CFOT)
- Fuel Storage Tank (FST)
- Fuel Storage Tank – Historic (FSTH)
- Ontario Regulation 347 Waste Generator Summary (GEN)
- Private and Retail Fuel Storage Tanks (PRT)
- Retail Fuel Storage Tanks (RST)
- Scott's Manufacturing Directory (SCT)
- Ontario Spills (SPL)

The standard select report, dated November 20, 2024, provided zero (0) listings for the Site and thirteen (13) listings for properties within a 250 m radius. The listings are evaluated in section 7.2 of this report. A review of the listings indicated no environmental concern to the Site.

A copy of the ERIS report is included in Appendix F.

City Directories

There were no city directories available for the Site or surrounding properties.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial photographs were reviewed for the years 1930, 1955, 1966, 1972, 1990, 2000, 2006, 2010, and 2024. Observations to the Site and surrounding properties are outlined in the following table.

Aerial photographs for the years 1930, 1966, 1972, 2000, and 2024 are enclosed in Appendix C.

Year	Observations
1930	The Site and surrounding properties are shown as forested, agricultural, and/or vacant land.
1955	No discernible changes are observed at the Site or surrounding properties.



Year	Observations
1966	No discernible changes are observed at the Site or surrounding properties.
1972	No discernible changes are observed at the Site. Grading is observed to the northeast and southeast of the Site within the Phase I study area.
1990	No discernible changes are observed at the Site. Grading continues to the northeast and southeast of the Site within the Phase I study area.
2000	The trees are removed, and grading is observed throughout the Site. Single-family residential buildings and associated road infrastructure are constructed to the north and east of the Site.
2006	Two (2) storage trailers are observed on the west corner of the Site. The Site is observed to be vacant grass-covered land. Willow Road and Elmira Road North are constructed adjacent to the south and west property boundaries of the Site, respectively. Residential development and associated road infrastructure are constructed to the west of the Site beyond Elmira Road North.
2010	The storage trailers are removed from the Site. Grading is observed on the property adjacent to the south of the Site beyond Willow Road.
2024	No discernible changes are observed at the Site. Residential development is observed on the property adjacent to the south of the Site beyond Willow Road.

4.3.2 Topography, Hydrology, Geology

The Atlas of Canada Toporama interactive and the Grand River Conservation Authority Web-Map were accessed to retrieve spatial data relevant to the Site. Map contours reveal geodetic elevations of the Site to be at approximately 322.5-324 m.a.s.l. (metres above sea-level).

The local topography gradually slopes down in a southeasterly direction. The localized shallow groundwater flow is inferred to follow the local topography and flow in a southeasterly direction towards a stream located approximately 360 m southeast of the Site.

According to the Ministry of Northern Development and Mines (MNDM) Map 2153, "Quaternary Geology, Guelph Area", the Site is located on surficial geology that consists of the Wisconsinan lacustrine, kame, and outwash sand deposit. This surficial geology shapes part of the spillways of the Guelph Drumlin Field physiographic region, as indicated in the GIS-based MNDM Map MRD228, "Physiography of Southern Ontario".

According to the MNDM Map 2544, "Bedrock Geology of Ontario, Southern Sheet", the bedrock in the area generally consists of dolostone of the Guelph Formation.



4.3.3 Fill Materials

Fill material composition and source location are considerations in determining whether environmental concerns are present. Importation of fill of unknown quality is identified as a potential contaminating activity within Ontario Regulation 153/04.

Based on observations made during the recent Site reconnaissance and a review of the aerial photographs for the Site, there are no obvious signs of soil removal or fill importation to the Site and therefore CVD does not anticipate deleterious fill material to be present on the Site.

4.3.4 Water Bodies and Areas of Natural Significance

There are no bodies of water located in close proximity (250 m) to the Site. The nearest body of water is a stream located approximately 360 m southeast of the Site. A forested wetland area (Ellis Creek Wetland Trail) is located to the west of the Site beyond Elmira Road North.

The Grand River Source Protection Plan designates Wellhead Protection Areas (WHPAs) around each municipal drinking-water supply well. The vulnerability of WHPAs is measured on a 10-point scale and indicates how quickly water (and contaminants) move from the surface to the aquifer.

The Site is located within the WHPA-B which delineates areas found within the two (2) year *time of travel* to a municipal drinking-water supply well. The Site is located within a WHPA Vulnerability area with a score of ten (10) which indicates high vulnerability.

4.3.5 Well Records

A review of the MECP well record data revealed no well records within the Phase One Study Area.

4.4 Site Operating Records

The Phase One ESA property did not have any Site operation records for review during the Phase One ESA.

5.0 INTERVIEWS

Relevant information gathered from the Site representative has been incorporated into various sections of this report (both previous and proceeding sections).

The information gathered from other individuals and/or regulatory agencies has also been incorporated into various sections of this report (both previous and proceeding sections).



6.0 SITE RECONNAISSANCE

6.1 General Requirements

A visual survey of the Phase One Property was completed by Ms. Jordyn Atkins of CVD on December 5, 2024. The qualifications of the assessor are provided in Appendix G.

Photographs documenting the Phase One Property and surrounding properties taken on the day of the Site reconnaissance, along with written descriptions can be found in Appendix D.

6.2 Specific Observations at Phase One Property

The Phase One Property is currently vacant grassed land. The Site is bound to the north and east by single-family residential dwellings and wooden fences. The Site is bound to the south and west by sidewalks and Willow Road and Elmira Road North, respectively. Some yard waste and debris were observed on the southeast corner of the Site. The Phase One Property is generally graded evenly with the surrounding properties.

Rail Spurs

No indication of a rail spur was noted on the Site or surrounding properties.

Water Sources

The Phase One Property is currently vacant land, therefore no water source infrastructure is present.

Staining

No surface staining was observed on the Phase One Property.

Vegetation

No stressed vegetation was observed at the Phase One Property.

Underground and Aboveground Storage Tanks

Site inspections and interviews were conducted to assess the presence/absence and condition (if present) of underground storage tanks (USTs) and aboveground storage tanks (ASTs) at the Site.

The Phase One Property is currently vacant land and historically been forested land. CVD did not find any correspondence to support the historical presence of USTs/ASTs at the Site and did not observe any evidence of historical USTs or ASTs during the recent Site reconnaissance.



The Technical Standards and Safety Authority (TSSA) were also requested to review their computer database for the Site with regard to registered USTs and ASTs containing petroleum products. The TSSA reported that there are no records for fuel storage at the Site.

A copy of the TSSA correspondence is included in Appendix E.

Chemical Inventory, Storage and Handling

No chemicals were observed during the Site visit. Based on reported history at the Site, it is unlikely that historical use, storage, or disposal of potentially hazardous chemicals has occurred at the Site.

Solid and Liquid Waste Generation and Disposal

Based on the reported history of the Site, no solid or liquid wastes are currently generated or stored on the Phase One Property.

Designated Substances

In Ontario, the Occupational Health and Safety Act has a list of nearly a dozen substances have been classified as "designated substances" largely in response to their harmful characteristics.

Asbestos Containing Materials

Asbestos is a group of naturally occurring minerals, formerly used for thermal and acoustic insulation, as well as fireproofing. The use of asbestos was common due to its strength and resistance to heat, and is often found in old ceiling tiles, pipe and vessel insulation, blown into structural beams and ceilings, in floor tile, linoleum, and mastic. The use of asbestos building materials was banned in Canada in the late 1970's.

Asbestos is not always an immediate hazard, though when asbestos containing materials are disturbed, microscopic fibres become airborne and may be inhaled by humans, where it may cause cancer and lung disease.

The Phase One Property is currently vacant land, therefore no ACMs are expected to be present.

Lead Based Paint

Lead is a highly toxic metal which, when present in the human body (in sufficient quantities), attacks the central nervous system and can result in numerous health problems. Lead-based paints have not been used since the late 1970's, when the U.S. Department of Housing and Urban Development (HUD) banned it for use in all homes and most other buildings.

The Phase One Property is currently vacant land, therefore no lead-based paints are expected to be present.



Other Designated Substances

No other designated substances are expected to be present at the Site.

6.2.1 Enhanced Investigation Property

There are no current or historical processing or manufacturing activities related to the Phase One Property. Based on current and historical land uses on the Phase One Property, in accordance with the amended Ontario Regulation 153/04, subsection 13 (3), the Phase One Property is not considered to be an enhanced investigation property as it is currently not being used for one of the uses described in clause 32 (1) (b) of the regulation.

6.2.2 Written Description of Investigation

Investigation of the Phase One Property and Phase One Study Area was conducted through a Site reconnaissance as described in section 6.1. Section 6.2 presents the findings of the Site reconnaissance. Observations of the Phase One Study Area made during the Site reconnaissance are presented in Section 6.3. The physical setting of the Phase One Study Area, including water bodies and areas of natural significance, is discussed in Section 4.3.

6.3 Surrounding Properties Phase One Study Area

Land uses currently and historically surrounding the Phase One Property are described as follows:

North of the Site:

Adjacent to the north of the Site are residential land uses.

According to available resources, prior to development in the late 1990s, land uses adjacent to the north of the Site have historically been forested, agricultural and/or vacant land.

East of the Site:

Adjacent to the east of the Site are residential land uses.

According to available resources, prior to development in the late 1990s, land uses adjacent to the east of the Site have historically been forested, agricultural and/or vacant land.

South of the Site:

Adjacent to the south of the Site is Willow Road, beyond which are residential land uses.

According to available resources, prior to development in the 2000s, land uses adjacent to the south of the Site have historically been forested land.



West of the Site:

Adjacent to the west of the Site is Elmira Street North, beyond which are residential land uses, Mitchell Park and a forested wetland area (Ellis Creek).

According to available resources, prior to development in the 2000s, land uses adjacent to the west of the Site have historically been forested and vacant land.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 *Current and Past Uses*

The Phase One Property was historically a treed property prior to the late 1990s when the forest was cleared. The Site has been in its current state as a vacant grassed land since the early 2000s.

7.2 *Potentially Contaminating Activities (PCAs)*

Potentially Contaminating Activities (PCAs) are uses or activities set out in Column A of Table 2 of Schedule D within Ontario Regulation 153/04 that are occurring or have occurred in the Phase One Study Area.

No PCAs were identified on the Site or surrounding properties within the Phase One Study Area.

7.3 *Areas of Potential Environmental Concern (APECs)*

Areas of potential environmental concern (APECs) are defined within the amended Ontario Regulation 153/04 (amended regulation) as those on, in or under a phase one property where one or more contaminants are potentially present. APECs are related to PCAs set out and numbered in Column A of Table 2 of Schedule D in the amended regulation.

There were no APECs identified on the Site.

7.3.1 *Uncertainties*

Records Review

Aerial photographs provide a view of potentially-contaminating land uses or features historically present on the Site. There are uncertainties related to the use of the aerial photographs provided in historical reports as the quality of some aerial photographs did not allow some features to be clearly identified. Professional judgment was used to relate the historical features identified in the aerial photographs to present day locations.



Universal Transverse Mercator (UTM) coordinates of the records obtained from the ERIS report are provided to reduce the uncertainty about the location of the database report. The accuracy of the individual UTMs provided by ERIS cannot be verified. When possible, the listed address was used to assist in determining the correct location.

Municipal addresses are known to change and historical addresses may not necessarily have been in the same location as a property today with the same address. Best judgment was used to link historical municipal addresses from the city directory to areas within the Phase One Study Area, however, the accuracy of all addresses has not been confirmed. Maps and information provided in historical reports, as well as aerial photographs, were used in an effort to verify the current-day location of historical addresses.

Interviews

The individual(s) interviewed as part of the Phase One ESA were selected based on their knowledge of the current and/or past activities at the Site, and their availability. There is uncertainty related to the information provided by these individuals, as some information could be based on hearsay or personal opinion. Professional judgment was employed and information provided in the interviews was evaluated and/or confirmed using other sources (for example, historical reports) wherever possible. Previous information included in historical reports was used as appropriate and available.

Site Reconnaissance

There is little uncertainty related to the Site reconnaissance, as the observations were made directly by CVD. Photographs and detailed notes were taken during the Site reconnaissance to document the current conditions of the Site and Phase One Study Area. The records review was completed before the Site reconnaissance to allow any identified uncertainties related to the historical information to be verified in the field (where possible).



8.0 CONCLUSIONS

CVD was retained to conduct a Phase One ESA on the property located 105 Elmira Road North in Guelph, Ontario. The purpose of the Phase One ESA is to evaluate the environmental conditions of the Site and adjacent properties and to identify any actual or potential sources of contamination associated with the Site and surrounding properties.

The findings of the Phase One ESA did not identify any actual or potential sources of contamination on the Site or surrounding properties. It is CVD's professional opinion that the potential for environmental liabilities associated with the Site under investigation is low, and that no further investigations are required at this time. This opinion is based on the following:

- The Site does not appear to have ever been used for any land use that may produce, store, or dispose of environmentally hazardous materials.
- The surrounding properties are not expected to pose an environmental concern for the Site. Past activities on the surrounding properties in these areas are not expected to pose an environmental concern for the Site.



9.0 STUDY LIMITATIONS

CVD has prepared this report for the exclusive use of HIP Developments in evaluating the environmental conditions of the Site at the time of CVD's Site visit. CVD will not be responsible for the use of this report by any third party, or reliance on or any decision to be made based on it without the prior written consent of CVD. CVD accepts no responsibility for damages, if any, by any third party as a result of decisions or actions based on this report.

This report presents an overview of issues of environmental concern, reflecting CVD's best judgment using information reasonably available at the Site at the time of CVD's Site visit. CVD has prepared this report using information understood to be factual and correct and shall not be responsible for conditions arising from information or facts that were concealed or not fully disclosed to CVD at the time of the Site visit.

The report identified the environmental conditions of the property at the time of the investigation, pursuant to a scope agreed to by our client. The report is not intended to be exhaustive in scope or to imply a risk-free property and that any parties relying on the report should consider their own environmental evaluation of the property, which could include an intrusive evaluation of the soil and groundwater on the property.

Performance of a standardized Phase I Environmental Site Assessment in accordance with Canadian Standards Association (CSA) Z768-01 (2022) is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the property, given reasonable limits of time and cost. This assessment was carried out using historical data and a Site walkover. Intrusive testing is not part of the scope of this assessment.

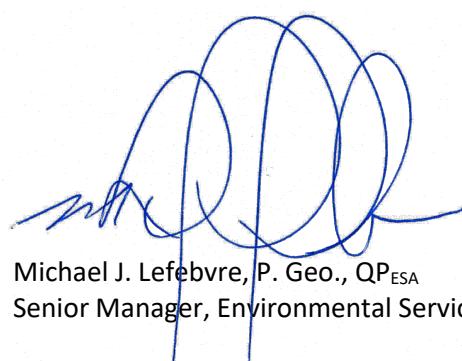
We trust that the above report is complete within our terms of reference. If there are any questions concerning this matter, please do not hesitate to contact our office.

Respectfully submitted,

CHUNG & VANDER DOELEN ENGINEERING LTD.



Jordyn Atkins, B.Sc. (Hons), M.Sc.
Environmental Scientist



Michael J. Lefebvre, P. Geo., QP_{ESA}
Senior Manager, Environmental Services



10.0 REFERENCES

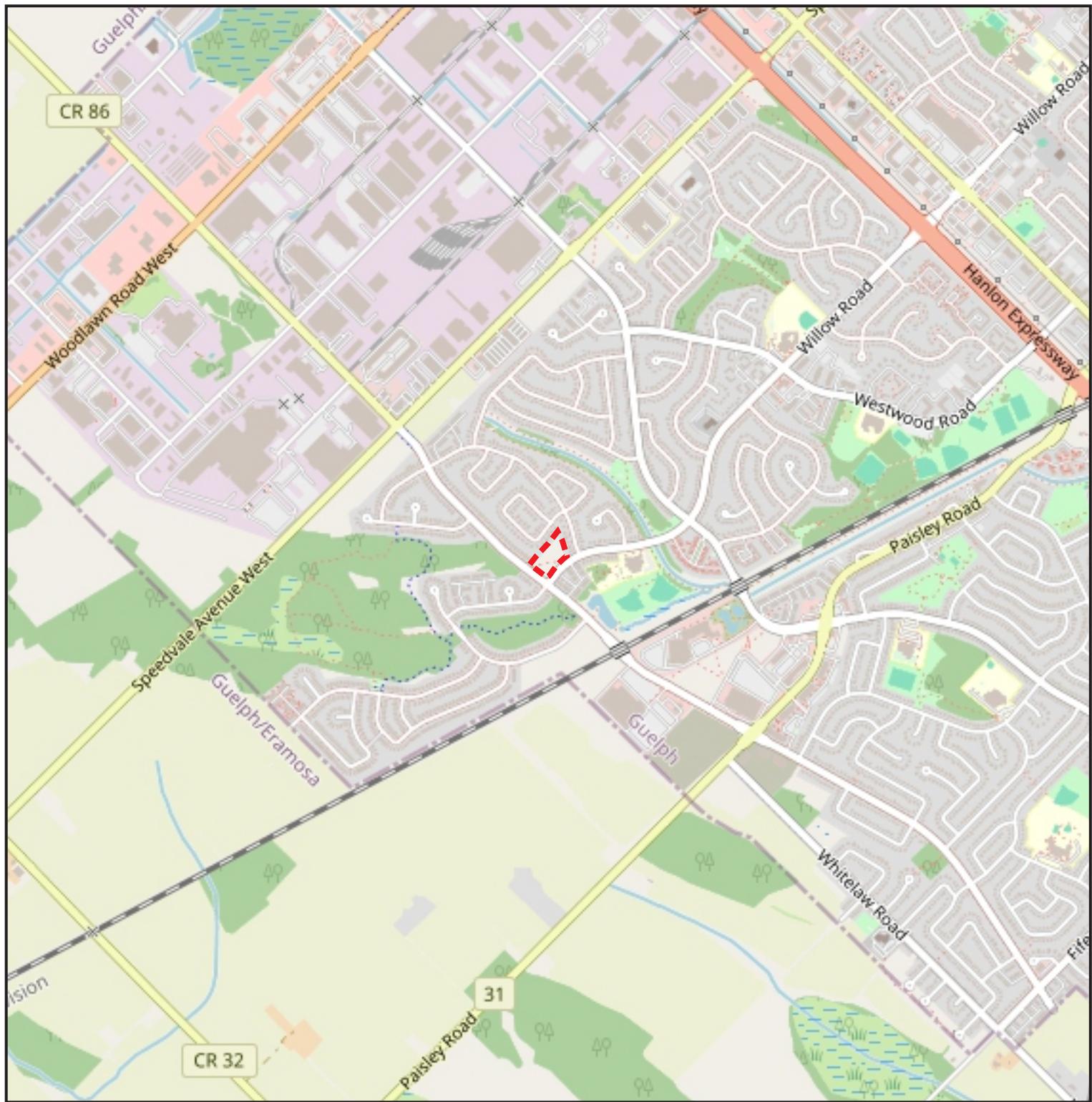
The following documents, maps, or other publications were reviewed and data from these documents was included in this Phase One ESA.

- Intera Technologies Ltd., "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario," July 1988.
- Ministry of Northern Development and Mines (MNDM) Map 2153, "Quaternary Geology, Guelph Area", 1968.
- Ontario Ministry of Northern Development and Mines Map 2544, "Bedrock Geology of Southern Ontario – Southern Sheet", 1991.
- Ontario Ministry of the Environment, "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario," November 1998.
- Ontario Ministry of the Environment, "Ontario Inventory of Approved PCB Storage Sites", September 1998.
- Ontario Ministry of the Environment, "Waste Disposal Site Inventory," June 1991.
- Phase I Environmental Site Assessment Canadian Standards Association (CSA) Z768-01 (R2022).
- Technical Standards and Safety Act, 2000 (S.O. 2000, Chapter 16). Retrieved from Government of Ontario e-laws website: <http://www.e-laws.gov.on.ca/>



APPENDIX A KEY PLAN





LEGEND

	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
KEY PLAN	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	A

APPENDIX B SITE PLAN





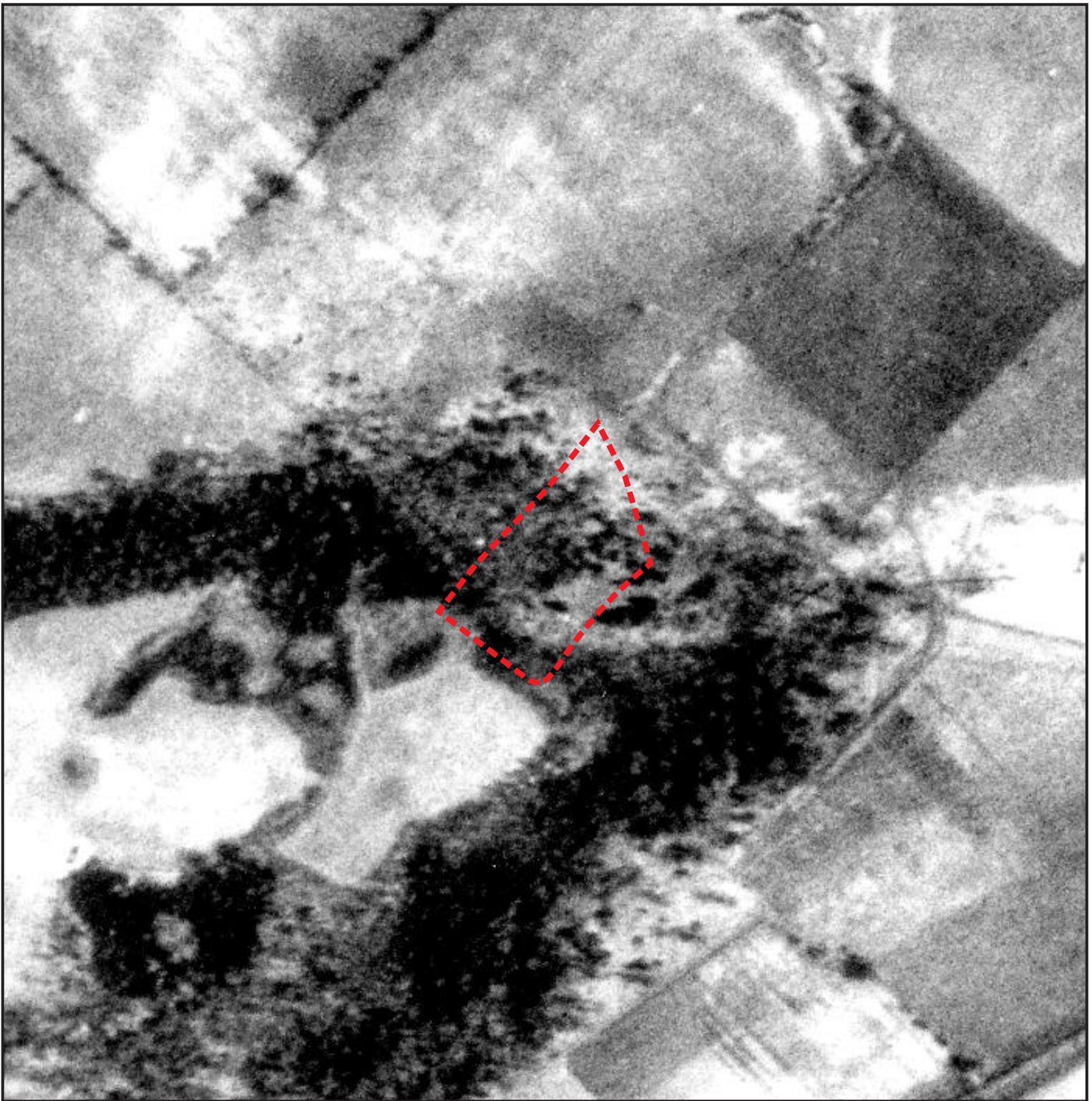
LEGEND



	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
SITE PLAN		Date: Dec. 2024
105 ELMIRA ROAD NORTH		Scale: NTS
GUELPH, ONTARIO		File No.: 1755
		Appendix: B

APPENDIX C
AERIAL PHOTOGRAPHS





LEGEND



	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
AERIAL PHOTOGRAPH - 1930	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	C



LEGEND



	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
AERIAL PHOTOGRAPH - 1966	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	C



LEGEND



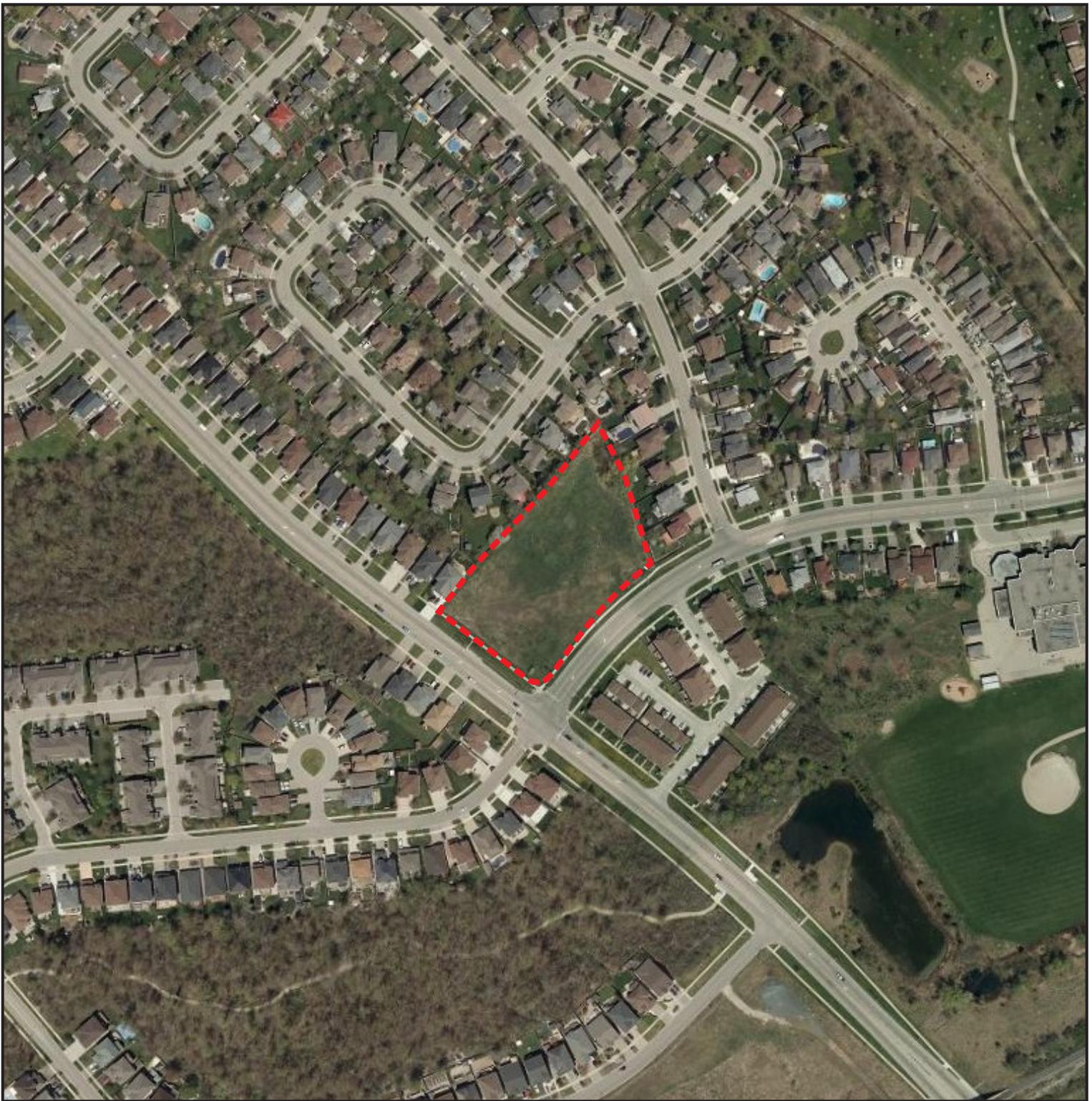
	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
AERIAL PHOTOGRAPH - 1972	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	C



LEGEND



	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
AERIAL PHOTOGRAPH - 2000	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	C



LEGEND



	CHUNG & VANDER DOELEN ENGINEERING LTD. 311 Victoria Street North Kitchener / Ontario / N2H 5E1 519-742-8979	
AERIAL PHOTOGRAPH - 2024	Date:	Dec. 2024
105 ELMIRA ROAD NORTH	Scale:	NTS
GUELPH, ONTARIO	File No.:	1755
	Appendix:	C

APPENDIX D

SITE PHOTOGRAPHS





Photograph 1: View of the Site showing the east property boundary.



Photograph 2: View of the Site showing the south property boundary along Willow Road.



Photograph 3: View of the Site showing the west property boundary along Elmira Road North.



Photograph 4: View of the Site showing the north property boundary.

APPENDIX E

CORRESPONDENCE



Please fill the following form.



Use this form to:

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

Fields marked with an asterisk (*) are mandatory.

Are you: *

- Submitting a new FOI Request for Property Information
 Paying a deposit or final fee for an existing FOI Request for Property Information

[Edit Section](#)

Time Period for Records Requested

From (yyyy/mm/dd) *

1986/01/01

To (yyyy/mm/dd) *

2024/11/20

Type of Record(s) *

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

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

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>

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

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

- Other Specific Document(s)

Type of Approval/Registration *

<https://www.sus.gov.on.ca/lc/content/mgcs/profiles/default.html?contentRoot=repository:///Applications/012-2146/1.0/Assets&template=012-2146E.xdp...> 1/4

Please fill the following form.

Drinking water Licenses

Pesticide Licenses

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

No Supporting Documents All Supporting Documents Some Supporting Documents

Permits to Take Water

Noise Vibrations Approvals/Registrations

Air Emissions Approvals/Registrations

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

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

Company Name

Waste Generator Registration - number/class

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

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

Edit Section

Please fill the following form.

Leal**Andres**

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

Chung & Vander Doelen Engineering Ltd.

Project/Reference Number (if applicable)

1755

Are you submitting this request on behalf of a client? *

 Yes No**Mailing Address**

Unit Number Street Number * Street Name *

311**Victoria Street North**

PO Box

City/Town *

Kitchener

Province *

Postal Cod

ON**N2H 5E1**

Telephone Number *

519-742-8979

ext.

Email Address *

andres.leal@cvdengineering.com

Is there an alternate contact (e.g. office admin)? *

 Yes No**Edit Section**

Is the property a:

 Park Lake First Nation Band Wind Farm Federal Land Island Unsurveyed Land

Are you requesting information about multiple addresses? *

 Yes No**Property Address**

Unit Number Street Number Street Name

105**Elmira Road North**

Full Lot Number

Concession

Geographic Township

City/Town/Village *

Guelph

Closest Intersection

Edit Section

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

Please fill the following form.

Edit Section

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

Current Property Owner/Tenant

105 Elmira Road North
Guelph

Owner Name

HIP Developments

Date of Ownership (yyyy/m

Tenant Name

Edit Section

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

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

1. File Name

Total File Size

Edit Section

Jordyn Atkins

From: Public Information Services <publicinformationservices@tssa.org>
Sent: December 6, 2024 1:07 PM
To: Jordyn Atkins
Subject: RE: Inquiry: 105 Elmira Road North, Guelph

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are **NO fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Kind regards,



Slavka Zahrebelny | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: szahrebelny@tssa.org
www.tssa.org



Winner of 2024 5-Star Safety Cultures Award

From: Jordyn Atkins <jordyn.atkins@cvdengineering.com>
Sent: Friday, December 6, 2024 12:00 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Inquiry: 105 Elmira Road North, Guelph

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Chung & Vander Doelen Engineering Ltd. is working on a Phase one environmental assessment for the property located at 105 Elmira Road North, in Guelph, Ontario – N1K 1Z1.

As part of my research, I would appreciate if the TSSA could provide any information regarding fuel storage tanks (past or present), fuel distribution, TSSA orders, or spills at the property.

Thank you,
Jordyn Atkins

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Jordyn Atkins | M.Sc.
Environmental Scientist
jordyn.atkins@cvdengineering.com
311 Victoria Street North, Kitchener, ON, N2H 5E1
(O) 519 742 8979, Ext 2201
(C) 519 778 1495



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APPENDIX F

ERIS REPORT



ERIS



DATABASE REPORT

Project Property: *105 Elmira Road North, Guelph, Ontario
105 Elmira Road North
Guelph ON N1K 1Z1*

Project No: *1755*

Report Type: *Standard Select Report*

Order No: *24112000525*

Requested by: *Chung & Vander Doelen Engineering Ltd.*

Date Completed: *November 20, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property: 105 Elmira Road North, Guelph, Ontario
105 Elmira Road North Guelph ON N1K 1Z1

Project No: 1755

Coordinates:

Latitude: 43.52731
Longitude: -80.29804
UTM Northing: 4,819,613.70
UTM Easting: 556,723.97
UTM Zone: 17T

Elevation: 1,063 FT
323.86 M

Order Information:

Order No: 24112000525
Date Requested: November 20, 2024
Requested by: Chung & Vander Doelen Engineering Ltd.
Report Type: Standard Select Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	N	-	-	-
AGR	Aggregate Inventory	N	-	-	-
AMIS	Abandoned Mine Information System	N	-	-	-
ANDR	Anderson's Waste Disposal Sites	N	-	-	-
AST	Aboveground Storage Tanks	N	-	-	-
AUWR	Automobile Wrecking & Supplies	N	-	-	-
BORE	Borehole	N	-	-	-
CA	Certificates of Approval	N	-	-	-
CDRY	Dry Cleaning Facilities	N	-	-	-
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	N	-	-	-
CHM	Chemical Register	N	-	-	-
CNG	Compressed Natural Gas Stations	N	-	-	-
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	N	-	-	-
CONV	Compliance and Convictions	N	-	-	-
CPU	Certificates of Property Use	N	-	-	-
DRL	Drill Hole Database	N	-	-	-
DTNK	Delisted Fuel Tanks	N	-	-	-
EASR	Environmental Activity and Sector Registry	N	-	-	-
EBR	Environmental Registry	N	-	-	-
ECA	Environmental Compliance Approval	N	-	-	-
EEM	Environmental Effects Monitoring	N	-	-	-
EHS	ERIS Historical Searches	N	-	-	-
EIIS	Environmental Issues Inventory System	N	-	-	-
EMHE	Emergency Management Historical Event	N	-	-	-
EPAR	Environmental Penalty Annual Report	N	-	-	-
EXP	List of Expired Fuels Safety Facilities	N	-	-	-
FCON	Federal Convictions	N	-	-	-
FCS	Contaminated Sites on Federal Land	N	-	-	-
FOFT	Fisheries & Oceans Fuel Tanks	N	-	-	-
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	N	-	-	-
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	9	9
GHG	Greenhouse Gas Emissions from Large Facilities	N	-	-	-
HINC	TSSA Historic Incidents	N	-	-	-
IAFT	Indian & Northern Affairs Fuel Tanks	N	-	-	-

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	N	-	-	-
LIMO	<i>Landfill Inventory Management Ontario</i>	N	-	-	-
MINE	<i>Canadian Mine Locations</i>	N	-	-	-
MNR	<i>Mineral Occurrences</i>	N	-	-	-
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	N	-	-	-
NCPL	<i>Non-Compliance Reports</i>	N	-	-	-
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	N	-	-	-
NDSP	<i>National Defense & Canadian Forces Spills</i>	N	-	-	-
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	N	-	-	-
NEBI	<i>National Energy Board Pipeline Incidents</i>	N	-	-	-
NEBP	<i>National Energy Board Wells</i>	N	-	-	-
NEES	<i>National Environmental Emergencies System (NEES)</i>	N	-	-	-
NPCB	<i>National PCB Inventory</i>	N	-	-	-
NPR2	<i>National Pollutant Release Inventory</i>	N	-	-	-
NPRI	<i>National Pollutant Release Inventory - Historic</i>	N	-	-	-
OGWE	<i>Oil and Gas Wells</i>	N	-	-	-
OOGW	<i>Ontario Oil and Gas Wells</i>	N	-	-	-
OPCB	<i>Inventory of PCB Storage Sites</i>	N	-	-	-
ORD	<i>Orders</i>	N	-	-	-
PAP	<i>Canadian Pulp and Paper</i>	N	-	-	-
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	N	-	-	-
PES	<i>Pesticide Register</i>	N	-	-	-
PFAS	<i>Ontario PFAS Spills</i>	N	-	-	-
PFCH	<i>NPRI Reporters - PFAS Substances</i>	N	-	-	-
PFHA	<i>Potential PFAS Handlers from NPRI</i>	N	-	-	-
PINC	<i>Pipeline Incidents</i>	N	-	-	-
PPHA	<i>Potential PFAS Handlers from EASR</i>	N	-	-	-
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	N	-	-	-
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	N	-	-	-
RSC	<i>Record of Site Condition</i>	N	-	-	-
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	0	3	3
SRDS	<i>Wastewater Discharger Registration Database</i>	N	-	-	-
TANK	<i>Anderson's Storage Tanks</i>	N	-	-	-
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	N	-	-	-
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	N	-	-	-
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	N	-	-	-
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	N	-	-	-
WWIS	<i>Water Well Information System</i>	N	-	-	-

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		Total:		0	13

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	SCT	AMF Bakery Systems Canada Ltd.	7 Peachtree Cres Guelph ON N1H 8K5	NE/220.3	4.39	15
<u>2</u>	SPL		infront of 43 Bonar Place Guelph ON N1H 8M3	NE/224.9	3.00	15
<u>3</u>	SPL		Elmira Road @ Tovell Guelph ON	SE/236.7	1.00	16
<u>4</u>	SPL		18 Tovell Drive Guelph ON	S/242.0	1.00	17
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON	E/248.0	0.00	17
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON	E/248.0	0.00	18
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	18
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	19
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	19
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	19
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	20
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	20

<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>
<u>5</u>	GEN	UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E/248.0	0.00	<u>21</u>

Executive Summary: Summary By Data Source

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 9 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>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>
UPPER GRAND DISTRICT SCHOOL BOARD	Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	E	247.97	<u>5</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

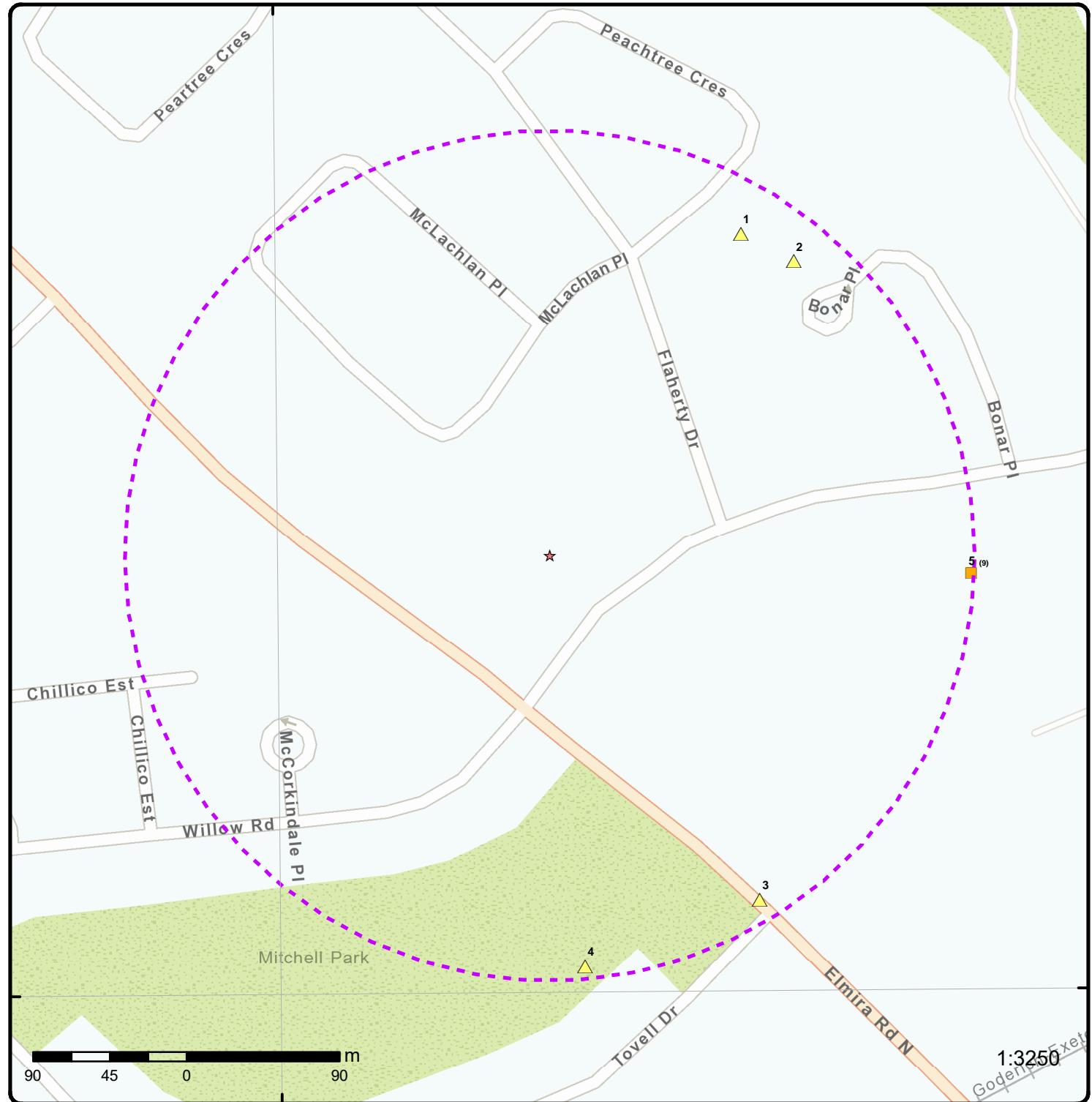
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
AMF Bakery Systems Canada Ltd.	7 Peachtree Cres Guelph ON N1H 8K5	NE	220.32	1

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	infront of 43 Bonar Place Guelph ON N1H 8M3	NE	224.94	2
	Elmira Road @ Tovell Guelph ON	SE	236.74	3
	18 Tovell Drive Guelph ON	S	241.96	4

80°18'W



Map: 0.25 Kilometer Radius

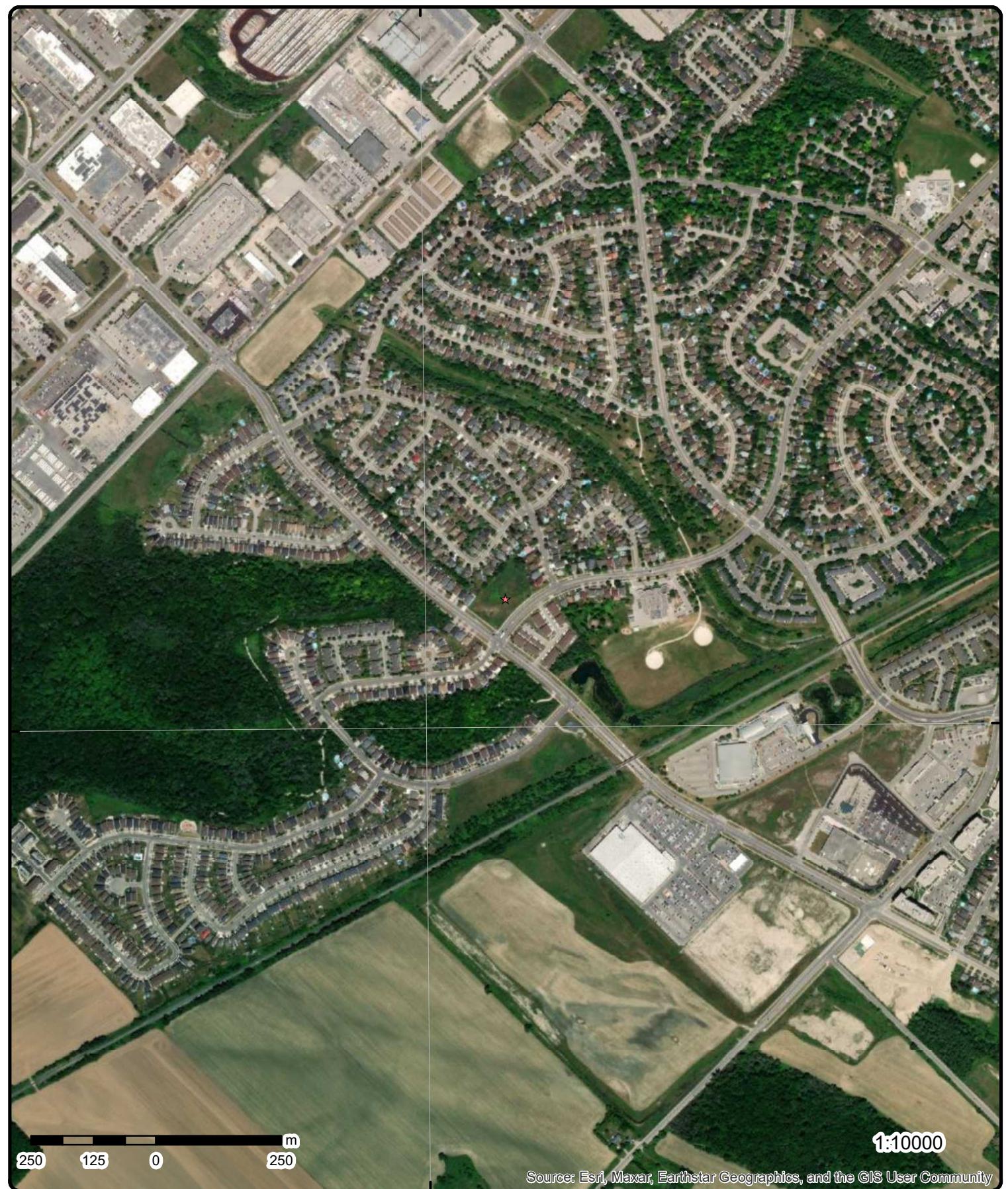
Order Number: 24112000525

Address: 105 Elmira Road North, Guelph, ON



★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)
▼ Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
○ Eris Sites with Unknown Elevation	Rail	Native Reservation	Hospital

80°18'W



Aerial Year: 2022

Address: 105 Elmira Road North, Guelph, ON

Source: ESRI World Imagery

Order Number: 24112000525

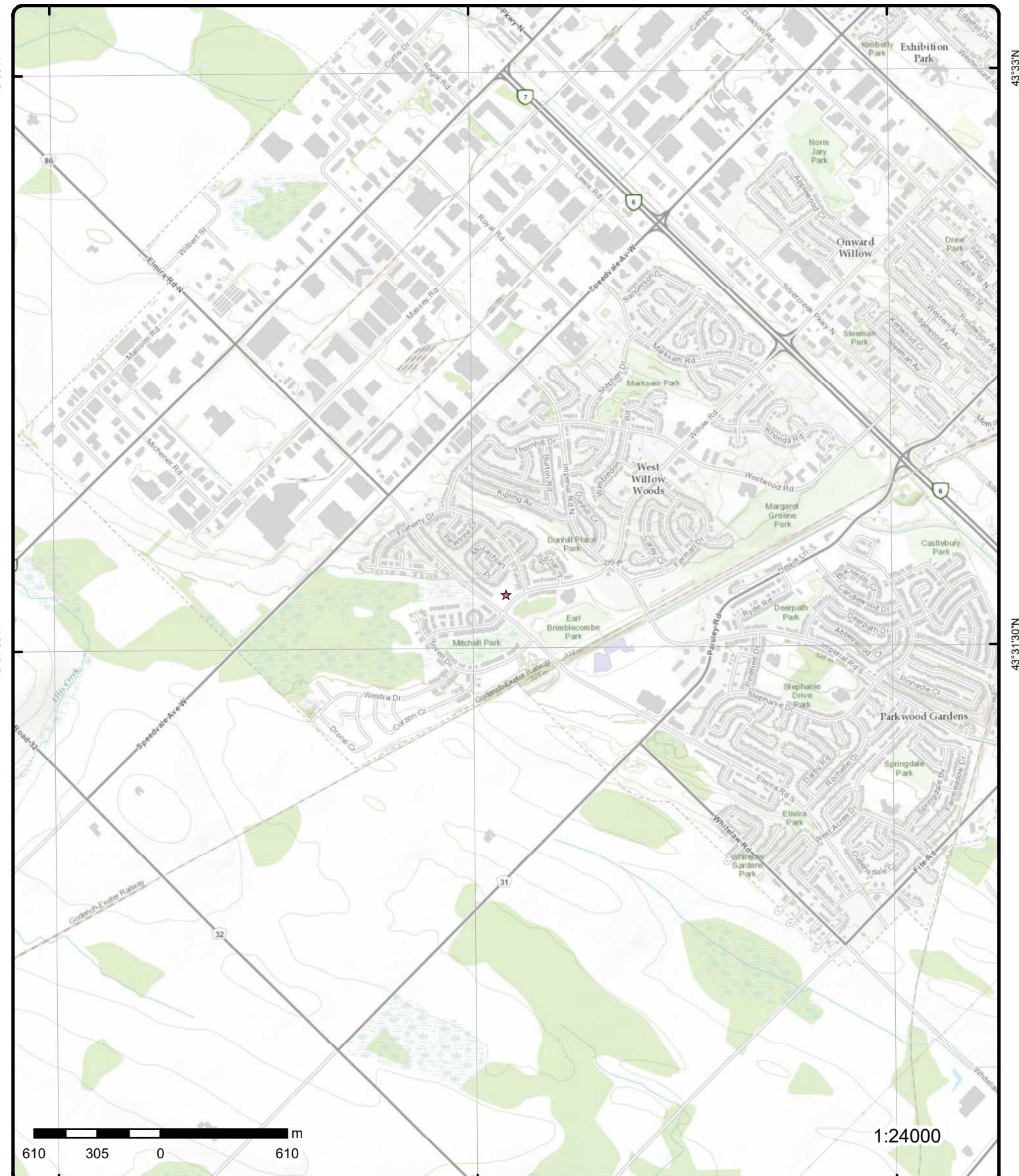
ERIS

© ERIS Information Limited Partnership

80°19'30"W

80°18'W

80°16'30"W



Topographic Map

Address: 105 Elmira Road North, ON

Source: ESRI World Topographic Map

Order Number: 24112000525



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	<u>1 of 1</u>	NE/220.3	328.2 / 4.39	AMF Bakery Systems Canada Ltd. 7 Peachtree Cres Guelph ON N1H 8K5	<u>SCT</u>
	Established: Plant Size (ft²): Employment:	1994 4			
	--Details-- Description: SIC/NAICS Code:			Industrial Machinery, Equipment and Supplies Wholesaler-Distributors 417230	
<u>2</u>	<u>1 of 1</u>	NE/224.9	326.9 / 3.00	infront of 43 Bonar Place Guelph ON N1H 8M3	<u>SPL</u>
	Ref No: Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Preceding Spill: Environment Impact: Health Env Consequence: Nature of Impact: Contaminant Qty: Contaminant Qty 1: Contaminant Unit: Client Type: Source Type: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium:	0123-65872B 9/27/2004 9/27/2004 Guelph CITY CATCHBASIN<UNOFFICIAL> West Central Guelph Intent - Intentional or planned occurrence Possible Surface Water Pollution 41 PAINT/PAINT THINNER MIXTURE Water		Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: Agency Involved: Waste	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Incident Reason:</i>	Negligence (Apparent) - Caused by lack of diligence				
<i>Incident Summary:</i>	43 Bonar Place-paint & thinners-catchbasin				
<i>Activity Preceding Spill:</i>					
<i>Property 2nd Watershed:</i>					
<i>Property Tertiary Watershed:</i>					
<i>Sector Type:</i>	Unknown				
<i>SAC Action Class:</i>	Spills				
<i>Call Report Locatn Geodata:</i>					
<i>Time Reported:</i>					
<i>System Facility Address:</i>					
<i>Client Name:</i>					
 <u>3</u>	1 of 1	SE/236.7	324.9 / 1.00	Elmira Road @ Tovell Guelph ON	SPL
<i>Ref No:</i>	1757-A2Q8CS			<i>Municipality No:</i>	
<i>Year:</i>				<i>Nature of Damage:</i>	
<i>Incident Dt:</i>	9/26/2015			<i>Discharger Report:</i>	
<i>Dt MOE Arvl on Scn:</i>				<i>Material Group:</i>	
<i>MOE Reported Dt:</i>	9/26/2015			<i>Impact to Health:</i>	
<i>Dt Document Closed:</i>	9/29/2015			<i>Agency Involved:</i>	
<i>Site No:</i>	NA				
<i>MOE Response:</i>	No				
<i>Site County/District:</i>					
<i>Site Geo Ref Meth:</i>					
<i>Site District Office:</i>					
<i>Nearest Watercourse:</i>					
<i>Site Name:</i>	Intersection <UNOFFICIAL>				
<i>Site Address:</i>	Elmira Road @ Tovell				
<i>Site Region:</i>					
<i>Site Municipality:</i>	Guelph				
<i>Site Lot:</i>					
<i>Site Conc:</i>					
<i>Site Geo Ref Accu:</i>					
<i>Site Map Datum:</i>					
<i>Northing:</i>					
<i>Easting:</i>					
<i>Incident Cause:</i>					
<i>Incident Preceding Spill:</i>					
<i>Environment Impact:</i>					
<i>Health Env Consequence:</i>					
<i>Nature of Impact:</i>					
<i>Contaminant Qty:</i>	0 other - see incident description				
<i>Contaminant Qty 1:</i>	0				
<i>Contaminant Unit:</i>	other - see incident description				
<i>Client Type:</i>					
<i>Source Type:</i>					
<i>Contaminant Code:</i>	15				
<i>Contaminant Name:</i>	MOTOR OIL				
<i>Contaminant Limit 1:</i>					
<i>Contam Limit Freq 1:</i>					
<i>Contaminant UN No 1:</i>					
<i>Receiving Medium:</i>					
<i>Incident Reason:</i>	Operator/Human Error				
<i>Incident Summary:</i>	City of Guelph: MVA oil to road, site access restricted				
<i>Activity Preceding Spill:</i>					
<i>Property 2nd Watershed:</i>					
<i>Property Tertiary Watershed:</i>					
<i>Sector Type:</i>	Miscellaneous Industrial				
<i>SAC Action Class:</i>	Land Spills				
<i>Call Report Locatn Geodata:</i>					
<i>Time Reported:</i>					
<i>System Facility Address:</i>					
<i>Client Name:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	1 of 1	S/242.0	324.9 / 1.00	18 Tovell Drive Guelph ON	SPL
<i>Ref No:</i>	8506-ASGK72			<i>Municipality No:</i>	
<i>Year:</i>				<i>Nature of Damage:</i>	
<i>Incident Dt:</i>	2017/10/25			<i>Discharger Report:</i>	
<i>Dt MOE Arvl on Scn:</i>				<i>Material Group:</i>	
<i>MOE Reported Dt:</i>	2017/10/25			<i>Impact to Health:</i>	0 - No Impact
<i>Dt Document Closed:</i>				<i>Agency Involved:</i>	
<i>Site No:</i>	NA				
<i>MOE Response:</i>	No				
<i>Site County/District:</i>	County of Wellington				
<i>Site Geo Ref Meth:</i>					
<i>Site District Office:</i>	Guelph				
<i>Nearest Watercourse:</i>					
<i>Site Name:</i>	City of Guelph - catch basin<UNOFFICIAL>				
<i>Site Address:</i>	18 Tovell Drive				
<i>Site Region:</i>	West Central				
<i>Site Municipality:</i>	Guelph				
<i>Site Lot:</i>					
<i>Site Conc:</i>					
<i>Site Geo Ref Accu:</i>					
<i>Site Map Datum:</i>					
<i>Northing:</i>	4819374.47				
<i>Easting:</i>	556814.78				
<i>Incident Cause:</i>					
<i>Incident Preceding Spill:</i>	Unknown / N/A				
<i>Environment Impact:</i>					
<i>Health Env Consequence:</i>					
<i>Nature of Impact:</i>					
<i>Contaminant Qty:</i>	0 other - see incident description				
<i>Contaminant Qty 1:</i>	0				
<i>Contaminant Unit:</i>	other - see incident description				
<i>Client Type:</i>					
<i>Source Type:</i>	Unknown / N/A				
<i>Contaminant Code:</i>	27				
<i>Contaminant Name:</i>	PAINT OR PAINT-RELATED				
<i>Contaminant Limit 1:</i>					
<i>Contam Limit Freq 1:</i>					
<i>Contaminant UN No 1:</i>	n/a				
<i>Receiving Medium:</i>	Land				
<i>Incident Reason:</i>	Unknown / N/A				
<i>Incident Summary:</i>	City of Guelph: white paint in catch basin				
<i>Activity Preceding Spill:</i>					
<i>Property 2nd Watershed:</i>					
<i>Property Tertiary Watershed:</i>					
<i>Sector Type:</i>	Unknown / N/A				
<i>SAC Action Class:</i>	Land Spills				
<i>Call Report Locatn Geodata:</i>					
<i>Time Reported:</i>					
<i>System Facility Address:</i>					
<i>Client Name:</i>					
<u>5</u>	1 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON	GEN
<i>Generator No:</i>	ON3731720				
<i>SIC Code:</i>	611110				
<i>SIC Description:</i>	Elementary and Secondary Schools				
<i>Approval Years:</i>	2012				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<i>PO Box No:</i>					
<i>Country:</i>					
<i>Status:</i>					
<i>Co Admin:</i>					
<i>Choice of Contact:</i>					
<i>Phone No Admin:</i>					
<i>Contaminated Facility:</i>					
<i>MHSW Facility:</i>					
<hr/>					
5	2 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON	GEN
<hr/>					
<i>Generator No:</i>				ON3731720	
<i>SIC Code:</i>				611110	
<i>SIC Description:</i>					
<i>Approval Years:</i>				ELEMENTARY AND SECONDARY SCHOOLS	
<i>PO Box No:</i>				2013	
<i>Country:</i>					
<i>Status:</i>					
<i>Co Admin:</i>					
<i>Choice of Contact:</i>					
<i>Phone No Admin:</i>					
<i>Contaminated Facility:</i>					
<i>MHSW Facility:</i>					
<hr/>					
<u>Detail(s)</u>					
<hr/>					
<i>Waste Class:</i>				148	
<i>Waste Class Name:</i>				INORGANIC LABORATORY CHEMICALS	
<hr/>					
<i>Waste Class:</i>				263	
<i>Waste Class Name:</i>				ORGANIC LABORATORY CHEMICALS	
<hr/>					
5	3 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
<hr/>					
<i>Generator No:</i>				ON3731720	
<i>SIC Code:</i>				611110	
<i>SIC Description:</i>					
<i>Approval Years:</i>				ELEMENTARY AND SECONDARY SCHOOLS	
<i>PO Box No:</i>				2016	
<i>Country:</i>				Canada	
<i>Status:</i>					
<i>Co Admin:</i>				Lorraine Millar	
<i>Choice of Contact:</i>					
<i>Phone No Admin:</i>				CO_ADMIN	
<i>Contaminated Facility:</i>					
<i>MHSW Facility:</i>				519-822-4420 Ext.849	
<hr/>					
<u>Detail(s)</u>					
<hr/>					
<i>Waste Class:</i>				263	
<i>Waste Class Name:</i>				ORGANIC LABORATORY CHEMICALS	
<hr/>					
<i>Waste Class:</i>				251	
<i>Waste Class Name:</i>				OIL SKIMMINGS & SLUDGES	
<hr/>					
<i>Waste Class:</i>				148	
<i>Waste Class Name:</i>				INORGANIC LABORATORY CHEMICALS	
<i>Waste Class:</i>				150	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		INERT INORGANIC WASTES			
<u>5</u>	4 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No:	ON3731720				
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Approval Years:	2015				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:	Lorraine Millar				
Choice of Contact:	CO_ADMIN				
Phone No Admin:	519-822-4420 Ext.849				
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
<u>5</u>	5 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No:	ON3731720				
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Approval Years:	2014				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:	Lorraine Millar				
Choice of Contact:	CO_ADMIN				
Phone No Admin:	519-822-4420 Ext.849				
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	148				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				
<u>5</u>	6 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No:	ON3731720				
SIC Code:					
SIC Description:					
Approval Years:	As of Jun 2017				
PO Box No:					
Country:	Canada				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		Registered			
Detail(s)					
Waste Class: Waste Class Name:		148 C Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Name:		263 B Misc. waste organic chemicals			
Waste Class: Waste Class Name:		251 L Waste oils/sludges (petroleum based)			
Waste Class: Waste Class Name:		150 L Inert organic wastes			
5	7 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3731720			
Detail(s)					
Waste Class: Waste Class Name:		150 L Inert organic wastes			
Waste Class: Waste Class Name:		263 B Misc. waste organic chemicals			
Waste Class: Waste Class Name:		148 C Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Name:		251 L Waste oils/sludges (petroleum based)			
5	8 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status:		ON3731720			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	150 L				
Waste Class Name:	Inert organic wastes				
Waste Class:	148 C				
Waste Class Name:	Misc. wastes and inorganic chemicals				
Waste Class:	251 L				
Waste Class Name:	Waste oils/sludges (petroleum based)				
Waste Class:	263 B				
Waste Class Name:	Misc. waste organic chemicals				
5	9 of 9	E/248.0	323.9 / 0.00	UPPER GRAND DISTRICT SCHOOL BOARD Mitchell Woods P.S., 670 Willow Road Guelph ON N1H 8K2	GEN
Generator No:	ON3731720				
SIC Code:					
SIC Description:					
Approval Years:	As of Oct 2022				
PO Box No:					
Country:	Canada				
Status:	Registered				
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	150 L				
Waste Class Name:	INERT INORGANIC WASTES				
Waste Class:	251 L				
Waste Class Name:	OIL SKIMMINGS & SLUDGES				
Waste Class:	148 C				
Waste Class Name:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	263 B				
Waste Class Name:	ORGANIC LABORATORY CHEMICALS				

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
GEN	DOM-MERIDIAN CONSTRUCTION LTD.	LOT 6 & 7, CONCESSION 1 WILLOW ROAD	GUELPH ON	N1K 1E6
SPL	The City of Guelph	on Elmira Rd North	Guelph ON	
SPL	The Corporation of the City of Guelph	Elmira Street N just north of Paisley Road	Guelph ON	

Unplottable Report

Site: DOM-MERIDIAN CONSTRUCTION LTD.
LOT 6 & 7, CONCESSION 1 WILLOW ROAD GUELPH ON N1K 1E6

Database:
GEN

Generator No: ON9446799
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Site: The City of Guelph
on Elmira Rd North Guelph ON

Database:
SPL

Ref No: 6522-9Q9J5K
Year:
Incident Dt: 2014/10/26
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/10/26
Dt Document Closed: 2014/10/28
Site No: NA
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: MVA<UNOFFICIAL>
Site Address: on Elmira Rd North
Site Region:
Site Municipality: Guelph
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Collision/Accident
Incident Preceding Spill:
Environment Impact: Confirmed
Health Env Consequence:
Nature of Impact: Surface Water Pollution
Contaminant Qty: 3 L
Contaminant Qty 1: 3
Contaminant Unit: L
Client Type:
Source Type:

Contaminant Code: 15
Contaminant Name: MOTOR OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Operator/Human Error
Incident Summary: MVA: oil in pond 3L
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Motor Vehicle
SAC Action Class: Watercourse Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name: The City of Guelph

Site: The Corporation of the City of Guelph
Elmira Street N just north of Paisley Road Guelph ON **Database:** SPL

Ref No:	8485-9ULVZ4	Municipality No:
Year:		Nature of Damage:
Incident Dt:	3/14/2015	Discharger Report:
Dt MOE Arvl on Scn:		Material Group:
MOE Reported Dt:	3/14/2015	Impact to Health:
Dt Document Closed:	3/24/2015	Agency Involved:
Site No:	NA	
MOE Response:	N	
Site County/District:		
Site Geo Ref Meth:		
Site District Office:		
Nearest Watercourse:		
Site Name:	City Street and CB<UNOFFICIAL>	
Site Address:	Elmira Street N just north of Paisley Road	
Site Region:		
Site Municipality:	Guelph	
Site Lot:		
Site Conc:		
Site Geo Ref Accu:		
Site Map Datum:		
Northing:		
Easting:		
Incident Cause:	Leak/Break	
Incident Preceding Spill:		
Environment Impact:		
Health Env Consequence:		
Nature of Impact:	Land	
Contaminant Qty:	0 other - see incident description	
Contaminant Qty 1:	0	
Contaminant Unit:	other - see incident description	
Client Type:		
Source Type:		
Contaminant Code:	27	
Contaminant Name:	COOLANT (N.O.S.)	
Contaminant Limit 1:		
Contam Limit Freq 1:		
Contaminant UN No 1:		
Receiving Medium:		
Incident Reason:	Equipment Failure	
Incident Summary:	Guelph: rad fluid to street and CB, contained	
Activity Preceding Spill:		
Property 2nd Watershed:		
Property Tertiary Watershed:		
Sector Type:		
SAC Action Class:	Primary Assessment of Spills	
Call Report Locatn Geodata:		
Time Reported:		

System Facility Address:

Client Name: The Corporation of the City of Guelph

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

AAGR

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

*Government Publication Date: Sept 2002**

Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial

AMIS

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

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private

ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

AUWR

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

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial

BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial

CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal

CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial

CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private

CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private

CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 2012 -May 2024

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Oct 2024

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994 - Sep 30, 2024

Drill Hole Database:

Provincial

DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 2024***Delisted Fuel Tanks:**

Provincial

DTNK

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

*Government Publication Date: Oct 2023***Environmental Activity and Sector Registry:**

Provincial

EASR

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

*Government Publication Date: Oct 2011-Sep 30, 2024***Environmental Registry:**

Provincial

EBR

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

*Government Publication Date: 1994 - Sep 30, 2024***Environmental Compliance Approval:**

Provincial

ECA

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

*Government Publication Date: Oct 2011-Sep 30, 2024***Environmental Effects Monitoring:**

Federal

EEM

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

*Government Publication Date: 1992-2007****ERIS Historical Searches:**

Private

EHS

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

*Government Publication Date: 1999-Aug 31, 2024***Environmental Issues Inventory System:**

Federal

EIS

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

*Government Publication Date: 1992-2001**

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

List of Expired Fuels Safety Facilities:

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Sep 2024

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2022

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

*Government Publication Date: 1974-1994**

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

*Government Publication Date: Up to May 2001**

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

*Government Publication Date: 2001-Apr 2007**

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

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 NPR2

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

Government Publication Date: Feb 2024**National Pollutant Release Inventory - Historic:**

Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private OGWE

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

Government Publication Date: 1988-May 31, 2024**Ontario Oil and Gas Wells:**

Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024**Inventory of PCB Storage Sites:**

Provincial OPCB

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

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

Provincial ORD

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

Government Publication Date: 1994 - Sep 30, 2024

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Sep 30, 2024

Ontario PFAS Spills:

Provincial

PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2024; May 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Feb 2024

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR:

Provincial

PPHA

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

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Sep 30, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

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

Government Publication Date: 1988-Jun 2024

Wastewater Discharger Registration Database:

Provincial

SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970 - Apr 2024

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011 - Sep 30, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX G
QUALIFICATIONS OF ASSESSOR



Jordyn Atkins. B.Sc. (Hons), M.Sc.

Environmental Site Assessor

Ms. Atkins has over three years of experience in environmental assessment and inspection, providing and overseeing site investigations for the industrial, commercial and municipal sectors.

Ms. Atkins has specialized in the environmental inspection and assessment of residential, commercial, and industrial properties for a broad range of clients in the property management, insurance, and manufacturing sectors.

Education

- Master of Science, Geography
Wilfrid Laurier University, 2021
- Honours Bachelor of Science, Earth and Environmental Sciences,
Minor in Geographic Information Systems
McMaster University, 2016

Project Experience

Ms. Atkins has conducted over 100 Phase I Environmental Site Assessments for various residential, commercial, and industrial properties including but not limited to manufacturing facilities, public institutions, automotive repair shops, residential developments, and vacant lands.

Ms. Atkins has overseen and assisted with multiple Phase II Environmental Site Assessments and Excess Soil sampling projects.

Ms. Atkins has also conducted field work for a variety of other environmental services including hydrogeological investigations and excess soil management.

Michael J. Lefebvre, P.Geo.

Environmental Site Assessor

Mr. Lefebvre has over 25 years of experience in environmental assessment and project management providing site investigation, remediation services, for the industrial, commercial and municipal sectors. Mr. Lefebvre extensive experience in environmental management, environmental auditing, remedial design, project implementation, environmental clean up, and site decommissioning.

Mr. Lefebvre has specialized in the development and implementation of environmental work plans and programs for a broad range of clients in the property management, insurance, automotive, chemical, manufacturing and transportation sectors.

Education

- Bachelor of Environmental Studies, University of Waterloo, 1986

Professional Affiliations

- Association of Professional Geoscientists of Ontario.
- Mr. Lefebvre is currently registered as a “Qualified Person (ESA)” as described in the amended Ontario Regulation 153/04.

Project Experience

Mr. Lefebvre has conducted over 1000 Phase I and Phase II Environmental Site Assessments (ESA's) for various commercial and industrial properties including service stations, shopping plazas, apartment buildings and industrial manufacturing facilities.

Phase I and Phase II ESA's have also been prepared to support the submission of a Record of Site Condition (RSC) to the Ministry of the Environment.

Mr. Lefebvre has conducted numerous major environmental decommissioning projects. His areas of expertise include regulatory liaison, industrial plant decommissioning, spill cleanup, reclamation, and site rehabilitation.

Mr. Lefebvre conducted *compliance audits* in various industrial settings over the past four years and has assisted in the preparation of companies for ISO 14001 registration. Mr. Lefebvre has conducted compliance audits for the automotive, packaging sector and conducted numerous pre-acquisition environmental compliance audits throughout Ontario, for the insurance, property acquisition and banking industry.

Mr. Lefebvre has supervised over 100 underground storage tank removal projects and provided direction for further remedial activities when required.