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Phase One Environmental Site Assessment
South of Wells Street and Eliza Street Intersection
Arthur, Ontario

GEMTEC Project: 101764.038

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Submitted to:

Tribute/Sorbara Arthur Holdings Inc.
1815 Ironstone Manor, Unit 1
Pickering, Ontario
L1W 3W9

Phase One Environmental Site Assessment
South of Wells Street and Eliza Street Intersection
Arthur, Ontario

February 14, 2025
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experience • knowledge • integrity

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February 14, 2025 File: 101764.038 – Rev1

Tribute/Sorbara Arthur Holdings Inc.
1815 Ironstone Manor, Unit 1
Pickering, Ontario
L1W 3W9

Attention: Frank Zadorozniak, C.E.T

Re: Phase One Environmental Site Assessment
South of Wells Street and Eliza Street Intersection, Arthur, Ontario

Enclosed is our Phase One Environmental Site Assessment (ESA) report for the above-noted property. The report presented herein is based on the scope of work summarized in the proposal dated May 9, 2024. This report was prepared by Claire Buchanan, B.A.Sc. and Avery Markle, and reviewed by Curtis Moorhouse, B.Sc. and Chris Johnston, M.A., P.Geo. (Limited), QP_{ESA}.

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EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Tribute/Sorbara Arthur Holdings Inc. to carry out a Phase One Environmental Site Assessment (ESA) of the property located at the south side of the intersection of Wells Street and Eliza Street in Arthur Ontario (hereafter referred to as the Site and Phase One Property). It is understood that the Phase One ESA is required in support of planning-related approval applications associated with the development of the Site.

This Phase One ESA was carried out in general accordance with Ontario Regulation (O.Reg.) 153/04.

The primary objective of this Phase One ESA is to identify and document current and historical environmental conditions and operations or practices at and in the vicinity of the Site that have the potential to impact soil and/or groundwater quality at the Site, and to determine if such operations or practices result in any Areas of Potential Environmental Concern (APECs) in association with the Site. The general objectives were met through the evaluation of the information gathered from the review of records, interviews, and a Site reconnaissance.

Based on the Phase One ESA findings, nine potentially contaminating activities (PCAs) were identified within the Phase One Study Area, including one on the Phase One Property. Four of these PCAs give rise or contribute to three areas of potential environmental concern (APECs) at the Phase One Property. These APECs include:

- APEC 1 – The Phase One Property is inferred as being subject to large-scale applications of pesticides. Contaminants of Potential Concern (COPCs) include organochlorine pesticides (OCPs), metals, hydride forming metals (As, Sb, Se), and other regulated parameters (ORP) including low or high pH, hot water-soluble boron (B-HWS), hexavalent chromium (Cr (VI)), mercury (Hg), and cyanide (CN-), with the potential for impacts in soil and groundwater.
- APEC 2 – The eastern portion of the Phase One Property is inferred as being hydraulically downgradient and in near proximity to large-scale applications of pesticides off-site and de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both. COPCs include OCPs, metals, As, Sb, Se, Cl-, Na, Cr (VI), Hg and CN-, with the potential for impacts in groundwater.
- APEC 3 – The northern portion of the Phase One Property is proximal to inferred large-scale applications of pesticides. COPCs include OCPs, metals, As, Sb, Se, low or high pH, B-HWS, Cr (VI), Hg and CN- with the potential for impact in soil and groundwater.

Based on the findings of this Phase One ESA, a Record of Site Condition (RSC) cannot be filed based on a Phase One ESA alone. Therefore, a Phase Two ESA would be required to support the filing of an RSC.

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1.0 INTRODUCTION

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Tribute/Sorbara Arthur Holdings Inc. (Tribute/Sorbara) to carry out a Phase One Environmental Site Assessment (ESA) of the property located at the south side of the intersection of Wells Street and Eliza Street in Arthur, Ontario (hereafter referred to as the Site and Phase One Property). It is understood that the Phase One ESA is required in support of planning-related approval applications associated with the development of the Site. The location of the Site is provided on Figure A.1 in Appendix A.

This Phase One ESA was carried out in general accordance with Ontario Regulation (O.Reg.) 153/04.

The primary objective of this Phase One ESA is to identify and document current and historical environmental conditions and operations or practices at and in the vicinity of the Site that have the potential to impact soil, sediment, and/or groundwater quality at the Site, and to determine if such operations or practices result in any Areas of Potential Environmental Concern (APECs) in association with the Site. The general objectives were met through the evaluation of the information gathered from the review of records, interviews, and a Site reconnaissance.

The Phase One ESA was conducted by GEMTEC staff members whose qualifications are provided in Appendix B.

1.1 Phase One Property Information

The legal description for South of Wells Street and Eliza Street Intersection is:

- Part Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Part 2, 61R-22310. PIN 71095-0366(LT).

PIN 71095-0366(LT) is owned by Tribute/Sorbara Arthur Holdings Inc. The contact person for the Site at the time of this reporting was Mr. Frank Zadorozniak, C.E.T., Senior Manager of Site Servicing for Tribute.

The Site location is shown on Figure A.1 in Appendix A. The limits of the Site for the purpose of this Phase One ESA were provided by the Client prior to the start of this assessment. A plan of survey was not available.

1.1.1 Phase One Study Area Determination

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

assessment of information pertaining to properties within 250 m of the boundary of the Phase One Property was sufficient to achieve the objectives of the Phase One ESA.

The Site and limits of the Phase One Study Area are provided on Figure A.2, Appendix A. As noted above, a plan of survey for the Site was not available at the time of reporting.

2.0 SCOPE OF THE INVESTIGATION

2.1 General Objectives

The Phase One ESA was carried out in general accordance with O.Reg. 153/04. The primary objective of the Phase One ESA is to identify any former, or current, operations or practices that may represent APECs with respect to the Site.

The general objectives were met through the evaluation of the information gathered from the review of records and available documents, and a Site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described in Section 2.2.

2.2 Records Review

A review of information was conducted to identify actual or potential sources of contamination within the study area from the following sources:

- Bedrock and Overburden Geology Maps – Overburden and bedrock geology maps provided by Natural Resources Canada were reviewed to identify the underlying soil deposits and bedrock types.
- Title Abstract – A chain of title abstract for the Site was obtained through Environmental Risk Information Services (ERIS).
- ERIS Databases – The ERIS report searches 73 public and private information databases to identify potential environmental concerns. An ERIS report was obtained for the Site and Phase One Study Area.
- A records search was requested from the Technical Standards and Safety Authority (TSSA) in June 2024 for the Site.
- Hunting Survey Corporation Limited (HSC), National Air Photo Library (NAPL) Aerial Photographs, and Maxar Technologies Aerial Photographs – Aerial photographs from the years 1954, 1969, 1976, 1980, 1990, and 2023 were obtained from HSC, NAPL and Maxar through ERIS respectively. They were reviewed for the Site and study area to identify areas of potential environmental concern resulting from historical land uses on the Site and surrounding areas.
- Fire Insurance Maps and Reports – ERIS was requested to search for fire insurance maps and records relating to the site and no records were found.

- City Directories – A City Directory Report was obtained through ERIS for the Site and surrounding streets within the study area.
- Well Records – The Ministry of Environment, Conservation and Parks (MECP) Well Records website was searched for the Site and the study area. Any records obtained were reviewed for depth to groundwater and soil stratigraphy.
- A Freedom of Information (FOI) request was submitted to the MECP for records relating to the Site.

2.3 Interview

An interview was conducted with Mr. Frank Zadorozniak, the senior manager of site servicing for Tribute Communities, as outlined in Section 5.

2.4 Site Reconnaissance

The Site was visually assessed to document current conditions and to evaluate the potential for environmental impacts to on-Site soil and groundwater. Adjacent and neighbouring properties within the study area were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the Site.

3.0 RECORDS REVIEW

3.1 General

3.1.1 First Developed Use Determination

Based on the review of the historical records obtained as part of this assessment, the Site was used for agricultural purposes since at least 1954. The on-Site fields are used for agricultural purposes presently. Based on the agricultural use of the Site and the identification of this use as a potentially contaminating activity (see discussion below), the first developed use (based on the definition in O.Reg. 153/04), is considered to be 1954 (the first year for which records confirm the Site was used for agricultural purposes and inferred large-scale applications of pesticides).

3.1.2 Fire Insurance Plans and Reports

No fire insurance plans were available for the Site. A copy of the Opta report is provided in Appendix C.

3.1.3 Historical Reports

At the time of this report, no previous environmental reports related to the Site were provided to GEMTEC.

3.1.4 Environmental Source Records and Databases

3.1.4.1 Chain of Title

A chain of title abstract was obtained from ERIS and is included in Appendix D. The following are of note based on a review of the title abstracts:

N/S Macaulay Street, W/S Eliza Street, Arthur: Part Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Part 2, 61R-22310. PIN 71095-0366(LT):

- Crown land prior to March 1856;
- Property owned by James Beatty between March 1856 and June 1878 (Patent);
- Property owned by John Smith between June 1878 and July 1882 (Deed);
- Property owned by London Ontario Savings Company (Mortgagee) between July 1882 and September 1887 (Mortgage);
- Property owned by John Canavan between September 1887 and July 1890 (Deed – Power of Sale);
- Property owned by George Hudson between July 1890 and May 1892 (Deed);
- Property owned by James Hurley between May 1892 and February 1908 (Deed);
- Property owned by William Goulding between February 1908 and February 1920 (Deed);
- Property owned by Frances Donnell between February 1920 and March 1926 (Deed);
- Property owned by Laughlin McTavish between March 1926 and April 1938 (Deed);
- Property owned by George Henry Blyth and Mabel Blyth between April 1938 and February 1943 (Deed);
- Property owned by George Henry Blyth between February 1943 and May 1955 (Deed);
- Property owned by Robert A. Coulter between May 1955 and June 1960 (Deed);
- Property owned by Marienne Worminghaus and William Worminghaus between June 1960 and September 1996 (Deed);
- Property owned by Paul Levine and Wendy Levine between September 1996 and May 2024 (Deed); and,
- Property owned by Tribute/Sorbara Arthur Holdings Inc. since May 27, 2024 (Deed).

3.1.4.2 ERIS Database Report

GEMTEC contacted ERIS to conduct a search of 73 public and private information databases for the Site and the study area. The complete ERIS report, including a list of databases searched, is provided in Appendix E. The listings of note for the Site and adjacent properties are provided in the table below:

Address / Location	Distance from Site	Company / Name	Description
8566 Wellington Road 14, Lots 28 and 35, Conc. 1 Wellington North, Ontario	170 m northwest	Par-Two Farm Ltd.	The property was approved as a waste disposal site from 2007 to 2020, which includes a 1,589 cubic meter (m^3) concrete storage tank to be used for the storage and transfer of liquid non-hazardous waste, specifically from food for processing/preparation operations. A spill occurred on the property on March 28, 2019, of unknown cause, contaminant, and receiving medium.

3.1.4.3 City Directories

A review of the city directories from 2012 to 2021 was completed for the Site and several adjacent properties. A summary of relevant information based on a review of the city directory information is provided in the table below. Cotton's Auto Care Centre and Krown Rust Control Centre located at 490 Eliza Street were determined to be outside of the 250 m radius and therefore will not be considered of impact to the Site. A copy of the city directory records is provided in Appendix F.

Civic Address	City Directory information
490 to 665 Eliza Street	Cotton's Auto Care Centre for 490 Eliza Street (2012-2021) Krown Rust Control Centre for 490 Eliza Street (2017-2021)
8560 to 8575 Wellington County Road 14	No Listing Found (2012 - 2021)

3.2 Regulatory Information

3.2.1 Technical Standards and Safety Authority

The TSSA was contacted on June 18, 2024, for available records for the Site. The response from the TSSA indicated that there are no records for the Phase One Property. A copy of the search requests and the responses from the TSSA are provided in Appendix G.

3.2.2 Ontario Ministry of Environment, Conservation and Parks

A Freedom of Information request was submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) for a search of environmental records relating to the Site. A request was sent on June 4, 2024, and a response was received on July 2, 2024, that stated there were no available records for the Site. A copy of the FOI letter is provided in Appendix H.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs were provided to GEMTEC by ERIS and were obtained at regular intervals from the Hunting Survey Corporation Limited (HSC), National Air Photo Library (NAPL) and Maxar Technologies (Maxar). Aerials were selected for review considering suitable scale for analysis and coverage area. The earliest photograph obtained was from 1954. Observations made with respect to the selected aerial photographs are summarized in the table below. The aerial photographs reviewed include the following years: 1954, 1969, 1976, 1980, 1990, 2000, 2006, 2010, 2015, 2020 and 2023.

Date	Photograph Source	Observations
1954	HSC	The Site appears to be used primarily for agricultural purposes. A tributary of Farleys Creek was located on the northeast corner of the Site. The surrounding lands are used primarily for agricultural purposes with Farleys Creek present west of the Site.
1969	NAPL	There are no significant changes within the Site compared to the aerial photograph from 1954. In the surrounding area, there is an increase in vegetation around the tributary of Farleys Creek. There appears to be two buildings northwest of the Site at 8566 Wellington Road 14 (approximately 150 m to the north of Site), three buildings east of the Site at 665 Eliza Street (approximately 160 m to the east of Site), one building southeast at 501 Eliza Street (approximately 60 m to the southeast of Site), and one building south of the Site at 504 Eliza Street (approximately 135 m to the south of Site); however, the quality of the aerial photograph makes it difficult to discern the structures present.
1976	NAPL	There are no significant changes within the Site and surrounding study area compared to the aerial photograph from 1969, with the exception of further development at 8566 Wellington Road 14.
1980	NAPL	There are no significant changes within the Site and surrounding study area compared to the aerial photograph from 1976, with the exception of a building northeast of the Site at 8565 Eliza Street (approximately 185 m northeast of Site).

Date	Photograph Source	Observations
1990	NAPL	There are no significant changes within the Site compared to the aerial photograph from 1980. In the surrounding lands, the vegetation surrounding the tributary of Farleys Creek had been cleared.
2000	*Interactive Map	There are no significant changes within the Site compared to the aerial photograph from 1990. There was further development of the surrounding properties. 665 Eliza Street appears to have livestock pens along with further agricultural expansion. 8565 Eliza Street now has two buildings present, and 8566 Wellington Road 14 has at least four buildings present along with other unknown structures. 504 Eliza Street has two buildings present, and 501 Eliza Street has three buildings present and two silos.
2006	*Interactive Map	There are no significant changes within the Site compared to the aerial photograph from 2000. In the surrounding area, there appears to be vegetation regrowth around the tributary of Farleys Creek and stockpiled material at 8565 Eliza Street.
2010	*Interactive Map	There are no significant changes within the Site compared to the aerial photograph from 2006. In the surrounding area, there appears to be additional vegetation regrowth around the tributary of Farleys Creek. The largest building at 8566 Wellington Road 14 along with some silos were demolished.
2015	*Interactive Map	There are no significant changes within the Site compared to the aerial photograph from 2010. In the surrounding area, 8566 Wellington Road 4 replaced the previously demolished building. The property south of the Site at 510 Eliza Street (approximately 25 m south of Site) has been cleared and material is being stockpiled.
2020	*Interactive Map	There are no significant changes within the Site compared to the aerial photograph from 2015. In the surroundings area, 8565 Eliza Street constructed an additional building. 502 Eliza Street demolished one of their buildings and material is being stockpiled. 510 Eliza Street now has a building present, trucks, and stockpiled material. 504 Eliza Street appears to have materials being stored.

Date	Photograph Source	Observations
2023	Maxar Technologies	There are no significant changes within the Site compared to the aerial photograph from 2020. In the surrounding area, there appears to be vegetation regrowth around the tributary of Farleys Creek. 665 Eliza Street is no longer using their livestock pens.

*Wellington County Interactive Map – Publicly Available.

Photographs obtained from HSC, NAPL and Maxar can be found in Appendix I.

3.3.2 Topography, Hydrology and Geology

Mapping records available online were reviewed to determine the topographic, hydrogeological, and geological features in the vicinity of the Site and study area. Relevant information from the report is included below.

- The Site is at an elevation of approximately 460 to 465 metres above sea level. Based on Site observations, the Phase One Property is relatively flat and generally slopes gradually to the drainage ditches along the parameter of the Site. Surrounding topography is generally flat and slopes toward Farleys Creek and/or its tributary.
- Surficial soil conditions are primarily characterized as clay to silt-textured till (derived from glaciolacustrine deposits or shale). Physiography conditions are primarily characterized as till plains (undrumlinized).
- Bedrock geology consists of limestone, dolostone, shale, sandstone, gypsum, and/or salt of the Salina Formation.
- The closest water body was a tributary of Farleys Creek located on the northeast corner of the Site which connected to Farleys Creek observed approximately 80 m west of the Site at the time of the Site reconnaissance. Based on the records review, no evaluated or unevaluated wetlands were identified on the Site (MNR, 2014).
- Groundwater in the vicinity of the Site is reported to range from roughly 6 to 129 metres below ground surface (m bgs) based on water well reports around the area of the Site.
- Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers, and wetland areas. Based on the topography of the area, it is anticipated that local shallow groundwater flow would be towards Farleys Creek and/or its tributary located approximately 80 m west and 50 m to the north of the Phase One Property, respectively, and regional groundwater would be southwesterly following Farleys Creek toward the Conestogo River.

3.3.3 Fill Materials

No fill material was identified on the Site. However, within the Phase One Study Area, an aggregate supplier with multiple stockpiles of different materials was observed on the immediately south adjacent property (510 Eliza Street) at the time of the Site reconnaissance.

3.3.4 Water Bodies and Areas of Natural Significance

No areas of natural and scientific interest (ANSIs) were identified on the Site or within the study area. Southwest of the Site was observed to be woodlands (MNR, 2014). No evaluated or unevaluated wetlands were identified on the Site or study area (MNR, 2014). The Township of Wellington North's zoning by-law (Schedule A-2) lists the Site land use as agricultural, with future development. A tributary of Farleys Creek was observed on the northeast corner of the Phase One Property at the time of the Site reconnaissance.

3.3.5 Well Records

Well records were reviewed via the MECP website. No well records were identified for the Site. Ten wells were identified in the surrounding area and were indicated to be used for monitoring, domestic and/or livestock use, and abandoned/other. The well records indicated the stratigraphy of the overburden in the area generally consists of clay, silt, gravel, limestone, till, and sand. Based on well records for the area of Site, groundwater depth ranges from roughly 6 m to 129 mbgs.

4.0 SITE OPERATING RECORDS

No Site operating records were provided for review as part of this Phase One ESA.

5.0 INTERVIEWS

An interview was conducted on August 8, 2024, with Mr. Frank Zadorozniak, the senior manager of site servicing for Tribute. Tribute/Sorbara Arthur Holdings Inc. is the current Site owner of south of Wells Street and Eliza Street intersection. Relevant information obtained during the interviews is provided in Section 6.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A Site reconnaissance was carried out on July 31, 2024, from approximately 11:00 am to 2:30 pm. The weather at the time of the Site reconnaissance was sunny and approximately 27 degrees Celsius.

The Site reconnaissance was completed by Claire Buchanan, B.A.Sc. and Avery Markle of GEMTEC. The Site reconnaissance was completed to identify any PCAs associated with the current activities on the Site and/or surrounding properties.

Photographs of the Site were taken during the Site reconnaissance to document the general condition of the Site and any PCAs. The relevant photographs are presented in Appendix I.

6.2 Specific Observation at the Phase One Property

The following observations were made during the Site reconnaissance:

Topic	Observations	Source
Building Areas	None observed	Site observations
Number of Floors (include all levels, whether above or below ground)	None observed	Site observations
Number, Age, and Depth of Levels Below Ground Level	None observed	Site observations
Number and Details of all Aboveground Storage Tanks ("ASTs")	None observed	Site observations
Number and Details of all Underground Storage Tanks ("USTs")	None observed	Site observations
Underground Utilities **Potable and Non-Potable Water Sources**	None observed	Site observations
Utility Lines Present (i.e., Electrical, Natural Gas, Other)	None observed	Site observations
Sanitary/Process Wastewater Receptor	None observed	Site observations
Sanitary Sewer Connection	None observed	Site observations
Septic Systems	None observed	Site observations

Topic	Observations	Source
Storm Water Flow	Overland flow and infiltration. Drainage ditches along the parameter of the field. No storm sewers identified on-Site.	Site observations
Storm Sewer Connection	None identified	Site observations
<u>Interior of Structures</u> **Entry and Exit Points for Site Buildings**	None observed	Site observations
Existing and Former Heating System(s) (include fuel type / source)	None observed	Site observations
Existing and Former Cooling System(s) (include fuel type / source)	None observed	Site observations
Drains, Pits, and Sumps (include current use, if any, and former use)	None observed	Site observations
Unidentified Substances	None identified	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified	Site observations
<u>Miscellaneous Exterior</u> **Location of any Current and Former Wells**	Four groundwater monitoring wells were observed at the Phase One Property during the Site reconnaissance. It is assumed that these wells were recently installed as part of a geotechnical or hydrogeological investigation to support planning applications.	Site observations
Ground Cover (i.e., grass, gravel, soil, or pavement, etc.)	The majority of the Phase One Property was covered with soybean crop, soil and vegetation.	Site observations
Current or Former Railway Lines or Spurs	None observed or reported	Site observations

Topic	Observations	Source
Presence of Stained Soil, Vegetation, or Pavement	None observed	Site observations
Presence of Stressed Vegetation	None observed	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	None observed	Site observations
Potentially Contaminating Activity	At the time of the Site visit, the following PCAs (based on O.Reg. 153/04, Table 2 – Potentially Contaminating Activities) were observed and/or reported: • #40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications. o The Site has historically and is currently used for agricultural purposes. Pesticides have likely been used for farming activities.	Site observations

6.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas. The surrounding properties include residential, undeveloped forest, agricultural, commercial, and community (roadway) land uses, as illustrated in Figure A.1, in Appendix A.

North (cross and/or down-gradient): Agricultural use, tributary of Farleys Creek, residential, community use (Eliza Street and Wells Street intersection), and commercial use.

East (up and/or cross-gradient): Community use (Eliza Street), agricultural, residential and tributary of Farleys Creek.

West (down-gradient): Community use (Wells Street), agricultural and other use and tributary of Farleys Creek.

South (cross and/or down-gradient): Agricultural use, commercial, and residential use.

At the time of the Site visit, the following PCAs (based on O.Reg. 153/04, Table 2 – Potentially Contaminating Activities) were observed and/or reported:

- #40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: Located at north and south adjacent properties, approximately 35 m to the east of the Phase One Property, and approximately 30 m to the west of the Phase One Property.
- #30. Importation of Fill Material of Unknown Quality: Located approximately 25 m to the south (510 Eliza Street) of the Phase One Property.
- #Other 1 – Application of De-icing Agents: It is inferred that there are de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both. Located off-Site east adjacent to Phase One Property.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses of Site

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

South of Wells Street and Eliza Street Intersection:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to 1856	Crown	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1856 – 1878	James Beatty	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1878 – 1882	John Smith	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1882 – 1887	London Ontario Savings Company (Mortgagee)	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1887 – 1890	John Canavan	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1890 – 1892	George Hudson	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1892 – 1908	James Hurley	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1908 – 1920	William Hurley	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1920 – 1926	Frances Donnell	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1926 – 1938	Laughlin McTavish	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1938 – 1943	George Henry Blyth and Mabel Blyth	Undeveloped	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1943 – 1955	George Henry Blyth	Undeveloped / Agricultural	Agricultural or other use	No aerial photographs were available until 1954. Aerial photograph from 1946 indicates the Phase One Property was agricultural land.
1955 – 1960	Robert A. Coulter	Undeveloped / Agricultural	Agricultural or other use	No FIP, aerial photograph or city directory coverage for this portion of the Site or properties within the Phase One Study Area for this time period.
1960 – 1996	Marienne Worminghaus and William Worminghaus	Agricultural	Agricultural or other use	Aerial photographs between 1969 and 1990 show no significant changes to the property for this time period. There is development of the properties south, north, and east of the Phase One Property.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1996 – 2024	Paul Levine and Wendy Levine	Agricultural	Agricultural or other use	Aerial photographs between 2000 and 2023 show no significant changes to the property for this time period. There is development of the properties south, north, and east of the Phase One Property. The city directory lists Cotton's Auto Care Centre and Krown Rust Control Centre in the surrounding area. Additionally, 510 Eliza Street began to stockpile material on their property.
2024	Tribute/Sorbara Arthur Holdings Inc.	Agricultural	Agricultural or other use	No FIP, aerial photograph or city directory coverage.

7.2 Potentially Contaminating Activities

As per O.Reg. 153/04, a potentially contaminating activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred on the Phase One Property or in the Phase One Study Area. As per the regulation, a PCA located on the Phase One Property or in the Phase One Study Area may require the identification of an area of potential environmental concern (APEC). As per the regulation, an APEC means the area on, in or under the Phase One Property where one or more contaminants are potentially present, as determined through the identification of past or present uses on, in or under the Phase One Property and the identification of a PCA.

A summary of the identified PCAs and the rationale for the identification of PCAs as an APEC are provided in the table below. PCA locations are shown on Figure A.3, Appendix A.

PCA Reference # on Figure A.3	Address/ Location	PCA ID	Distance from Site	Description	APEC Rationale
1.A	Whole Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	The Site has historically been used for agricultural purposes since at least 1954 and is currently still used for agricultural purposes.	Yes Based on the PCA being identified on the Phase One Property.
1.B	665 Eliza Street, 35 m east of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (35 m east)	Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.	Yes Based on an inferred hydraulically upgradient position relative to the Phase One Property.
1.C	20 m south of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (20 m south)	Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.	No Based on an inferred hydraulically downgradient position relative to the Phase One Property.

PCA Reference # on Figure A.3	Address/ Location	PCA ID	Distance from Site	Description	APEC Rationale
1.D	30 m west of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (30 m west)	Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.	No Based on an inferred hydraulically downgradient position relative to the Phase One Property.
1.E	Adjacent north of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site (Adjacent north)	Property was historically used for agricultural purposes based on the 1954 aerial photography.	Yes Based on proximity of the PCA to the Phase One Property.
2	Eliza Street	#Other 1 – Application of De-icing Agents	Off-Site (10 m east)	High possibility that de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both.	Yes Based on proximity of the PCA to the Phase One Property.

PCA Reference # on Figure A.3	Address/ Location	PCA ID	Distance from Site	Description	APEC Rationale
3	8566 Wellington Road	#58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer or waste, other than use of biosoils as soil conditioners	Off-Site (150 m northwest)	The property was approved as a waste disposal site from 2007 to 2020, which includes a 1,589 cubic meter concrete storage tank to be used for the storage and transfer of liquid non-hazardous waste, specifically from food for processing/preparation operations.	No Based on inferred southwesterly regional groundwater flow direction.
4	8566 Wellington Road	#Other 2 – Historic Spill	Off-Site (150 m northwest)	A spill occurred on the property on March 28, 2019, with unknown cause, contaminant, and receiving medium.	No Based on inferred southwesterly regional groundwater flow direction.
5	510 Eliza Street	#30 Importation of Fill Material of Unknown Quality	Off-Site (25 m southeast)	An aggregate company with multiple stockpiles of different materials - primarily granular however, some sand observed.	No Based on inferred southwesterly regional groundwater flow direction

7.3 Areas of Potential Environmental Concern

A summary of the APECs identified at the Phase One Property is provided in the table below. The APEC locations are presented in Figure A.4, Appendix A. Contaminants of potential concern (COPCs) are specified using the method groups as identified in the MECP document "*Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act,"* dated March 9, 2004, amended as of July 1, 2011.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC 1 - The Phase One Property is inferred as being subject to large-scale applications of pesticides.	Whole Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OCPs, Metals, As, Sb, Se, low or high pH, B-HWS, Cr (VI), Hg and CN-	Soil, Groundwater
APEC 2 – The eastern portion of the Phase One Property is inferred as being hydraulically downgradient and in near proximity to large-scale applications of pesticides off-site and de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both.	Eastern portion of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications and #Other 1 – Application of De-icing Agents	Off-Site (35 m east and adjacent east)	OCPs, Metals, As, Sb, Se, Cl-, Na, Cr (VI), Hg and CN-	Groundwater

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC 3 - The northern portion of the Phase One Property is inferred as being proximal to large-scale applications of pesticides off-site.	Northern portion of Phase One Property	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Adjacent north	OCPs, Metals, As, Sb, Se, low or high pH, B-HWS, Cr (VI), Hg and CN-	Soil, Groundwater

Notes:
Metals – metals parameters as per O. Reg. 153/04 including hydride forming metals (antimony, arsenic, selenium)
ORPs – Other Regulated Parameters including electrical conductivity (EC), sodium adsorption ratio (SAR), pH, hot water-soluble boron (B-HWS), hexavalent chromium (Cr (VI)), mercury (Hg) and cyanide (CN^-)
OCP – Organochlorine Pesticides

7.4 Phase One Conceptual Site Model

The following key features (as required by O.Reg. 153/04) are presented in Figures A.1 to A.4, Appendix A:

- Existing buildings and structures;
- Water bodies and areas of natural significance located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and,
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

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

- The legal description for South of Wells Street and Eliza Street Intersection is: Part Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Part 2, 61R-22310. PIN 71095-0366(LT).
- Based on the records review and the on-site identification of PCA 40, the first developed use of the Phase One Property is considered as 1954.
- Large-scale applications of pesticides approximately 35 m east of the Phase One Property are inferred.
- The surrounding property land uses include residential, undeveloped forest, commercial, agricultural and community (roadway), as illustrated in Figure A.1, in Appendix A.
- No well records were identified for the Phase One Property. Four groundwater monitoring wells were observed at the Phase One Property during the Site reconnaissance. It is assumed that these wells were recently installed as part of a geotechnical or hydrogeological investigation to support planning applications.
- The closest water body was a tributary of Farleys Creek located on the northeast corner of the Site which connected to Farleys Creek observed approximately 80 m west of the Site at the time of the Site reconnaissance. This water body flows southwesterly towards the Conestogo River.
- The Phase One Property is at an elevation of approximately 460 to 465 metres above sea level. Based on Site observations, the Phase One Property is relatively flat and generally slopes gradually to the drainage ditches along the parameter of the Site. Surrounding topography is generally flat and slopes toward Farleys Creek.
- Surficial soil conditions are primarily characterized as clay to silt-textured till (derived from glaciolacustrine deposits or shale). Physiography conditions are primarily characterized as till plains (undrumlinized).

- Bedrock geology consists of limestone, dolostone, shale, sandstone, gypsum, and/or salt of the Salina Formation.
- Based on the records review, no areas of natural and scientific interest (ANSIs) were identified on the Site or within the study area. Southwest of the Site was observed to be woodlands (MNR, 2014). No evaluated or unevaluated wetlands were identified on the Site or study area (MNR, 2014). The Township of Wellington North's zoning by-law (Schedule A-2) lists the Site as Agricultural, with future development.
- Within the Phase One Study Area, shallow groundwater is anticipated to flow southwesterly, towards Farleys Creek. Localized shallow groundwater flow at the Phase One Property may be influenced by the tributary of Farleys Creek and/or tile drainage.

Based on the Phase One ESA findings, nine potentially contaminating activities (PCAs) were identified within the Phase One Study Area, including one on the Phase One Property. Four of these PCAs give rise or contribute to three areas of potential environmental concern (APECs) at the Phase One Property. These APECs include:

- APEC 1 – The Phase One Property is inferred as being subject to large-scale applications of pesticides. Contaminants of Potential Concern (COPCs) include organochlorine pesticides (OCPs), metals, hydride forming metals (As, Sb, Se), and other regulated parameters (ORP) including low or high pH, hot water-soluble boron (B-HWS), hexavalent chromium (Cr (VI)), mercury (Hg), and cyanide (CN-), with the potential for impacts in soil and groundwater.
- APEC 2 – The eastern portion of the Phase One Property is inferred as being hydraulically downgradient and in near proximity to large-scale applications of pesticides off-site and de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both. COPCs include OCPs, metals, As, Sb, Se, Cr (VI), Cl-, Na, Hg and CN-, with the potential for impacts in groundwater.
- APEC 3 – The northern portion of the Phase One Property is proximal to inferred large-scale applications of pesticides. COPCs include OCPs, metals, As, Sb, Se, low or high pH, B-HWS, Cr (VI), Hg and CN- with the potential for impact in soil and groundwater.

7.4.1 Uncertainty and Absence of Information

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

8.0 CONCLUSIONS

8.1 Need for a Phase Two ESA

Based on the findings of this Phase One ESA, a Record of Site Condition (RSC) cannot be filed based on a Phase One ESA alone. Therefore, a Phase Two ESA would be required to support the filing of an RSC.

9.0 REFERENCES

Area of Natural & Scientific Interest (ANSI) March 2017, Ontario Ministry of Natural Resources.

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ERIS Chain of Title Report, N/S Macaulay Street, W/S Eliza St, Arthur, ON. PIN# 71095-0366 (LT). Order No. 24060400346.

ERIS City Directory, June 18, 2024. Phase One ESA – South of Wells street and Eliza street intersection Arthur, ON N0G 1A0. No. 24060400346.

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Ontario Ministry of the Environment, Conservation and Parks (MECP). Map: Well Records. Updated January 2024. Accessed August 2024.

Opta Information Intelligence Enviroscan, June 10, 2024. South of Wells street and Eliza street intersection Arthur, ON N0G 1A0. No. 24060400346.

Wellington County – Interactive Map, Accessed August 2024.

Township of Wellington North, Schedule A, Map 2, Arthur Detail. Dated February 2022, Accessed: September 2024.

10.0 LIMITATIONS AND USE OF REPORT

This report was prepared for the exclusive use of Tribute/Sorbara Arthur Holdings Inc. and is based on data and information collected during the Phase One ESA of the Site conducted by GEMTEC. This report may not be relied upon by any other person or entity without the express written consent of GEMTEC and Tribute/Sorbara Arthur Holdings Inc. In evaluating this Site, GEMTEC has relied in good faith on information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others. GEMTEC disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of GEMTEC's assessment are described in this report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within GEMTEC's proposal. Distances noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. GEMTEC did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the report. Conditions may therefore exist which were not detected given the limited nature of the assessment GEMTEC was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the report. It is understood that the services provided for in the scope of work allowed GEMTEC to form no more than an opinion of the actual conditions at the Site at the time of the Site visit and cannot be used to assess the effect of any subsequent changes in any laws or regulations and the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided. The conclusions provided herein represent the best judgment of GEMTEC based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities.

The scope of the Phase One ESA is sufficient to identify existing and/or potential environmental liabilities that are obvious from visual examination of surface features and from available sources of information. This level of work is a method of risk reduction, not risk elimination. No building

materials, water, liquid, gas, products or chemical sampling and/or testing on or in the vicinity of the Site was carried out as part of this assessment. The Phase One ESA does not include a program of intrusive observation/testing. These activities would be carried out as part of a Phase Two ESA. This environmental assessment included only a cursory overview of the neighbouring land uses from public right of ways and from the Site and does not constitute a complete assessment of the adjacent sites.

11.0 CLOSURE

The undersigned Qualified Person confirms that the Phase One ESA was conducted and/or supervised by the Qualified Person and that all findings and conclusions of the Phase One ESA are included in the report.

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

Regards,

GEMTEC Consulting Engineers and Scientists Limited

Hakyung Choi

Claire Buchanan, B.A.Sc.
Field Technician

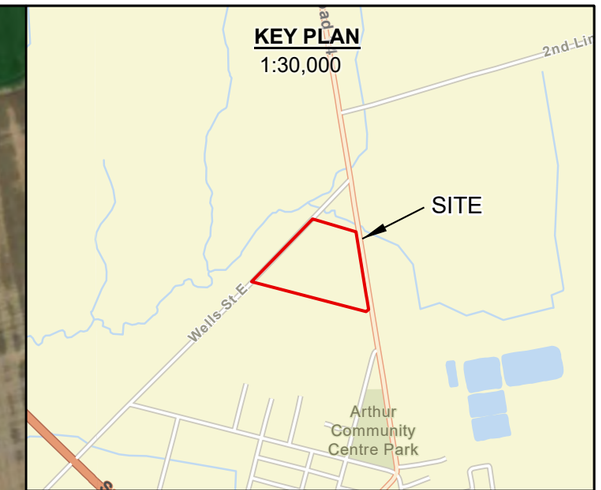
Feb. 14, 2025

PROFESSIONAL GEOSCIENTIST
LIMITED MEMBER
CHRISTOPHER R. JOHNSTON
1840
ONTARIO

Chris Johnston, M.A., P.Geo. (Limited), QP_{ESA}
Senior Environmental Geoscientist

APPENDIX A

Figures



Legend

- WATERCOURSE
- WATERBODY
- PHASE ONE PROPERTY
- PHASE ONE STUDY AREA (250 m RADIUS AROUND PHASE ONE PROPERTY)

NOTES:

1. All locations approximate
2. Coordinate system: NAD 1983 UTM Zone 17N
3. Geographic dataset source: Ontario GeoHub.
4. Contains information licensed under the Open Government Licence – Ontario.
5. Contains information from: WellingtonPlanning. (2024, January 22). Wellington County Base Data view. Arcgis.com. www.arcgis.com/home/item.html?id=c9032c4786fa4c37abf1c210300a768a
6. Service Layer Credits: World Street Map: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community World Imagery: Maxar

Scale:
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0 40 80 160 240 320 Meters

Drawing: PHASE ONE PROPERTY AND PHASE ONE STUDY AREA

Client: TRIBUTE/SORBARA ARTHUR HOLDINGS INC.

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT SOUTH OF WELLS STREET AND ELIZA STREET, ARTHUR, ONTARIO

Drwn By:	S.J.	Chkd By:	C.M.
Project No.	101764.038	Revision No.	1
Date	FEBRUARY 2025		**FIGURE A.1**

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6695 Millcreek DR #7,
Mississauga, ON L5N 5M4
T: (416) 347-7427
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Folder: N:\Projects\101700\101764.038\06_Civil Drafting\Sheets\1. Drawings\PhaseOneWest\101764_038_ArthurDevelopmentWest_PhaseOne_R0_2024_08_22\

Legend

- WATERCOURSE
- WATERBODY
- PHASE ONE PROPERTY
- PHASE ONE STUDY AREA (250 m RADIUS AROUND PHASE ONE PROPERTY)

NOTES:

1. All locations approximate
2. Coordinate system: NAD 1983 UTM Zone 17N
3. Geographic dataset source: Ontario GeoHub.
4. Contains information licensed under the Open Government Licence – Ontario.
5. Contains information from: WellingtonPlanning. (2024, January 22). Wellington County Base Data view. Arcgis.com. www.arcgis.com/home/item.html?id=c9032c4786fa4c37abf1c210300a768a
6. Service Layer Credits: World Imagery: Maxar

Scale:
1:4,250
0 40 80 160 240 320 Meters

Drawing
PHASE ONE PROPERTY DETAILS

Client:
TRIBUTE/SORBARA ARTHUR HOLDINGS INC.

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
SOUTH OF WELLS STREET AND ELIZA STREET,
ARTHUR, ONTARIO

Drwn By:	S.J.	Chkd By:	C.M.
Project No.	101764.038	Revision No.	1
Date	FEBRUARY 2025		**FIGURE A.2**

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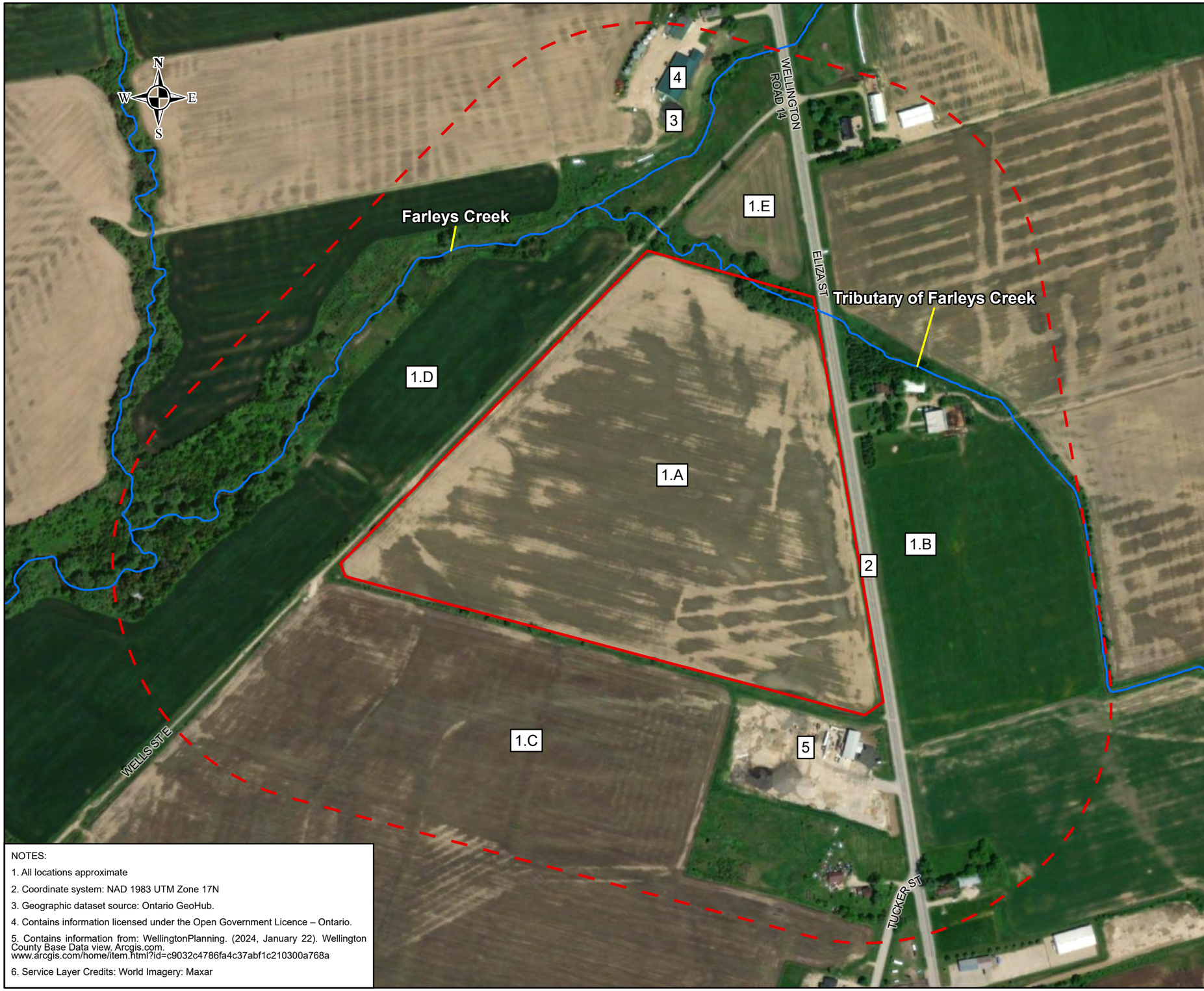

NOTES:

1. All locations approximate
2. Coordinate system: NAD 1983 UTM Zone 17N
3. Geographic dataset source: Ontario GeoHub.
4. Contains information licensed under the Open Government Licence – Ontario.
5. Contains information from: WellingtonPlanning. (2024, January 22). Wellington County Base Data view. Arcgis.com. www.arcgis.com/home/item.html?id=c9032c4786fa4c37abf1c210300a768a
6. Service Layer Credits: World Imagery: Maxar

Legend

- WATERCOURSE
- WATERBODY
- PHASE ONE PROPERTY
- PHASE ONE STUDY AREA (250 m RADIUS AROUND PHASE ONE PROPERTY)
- 1.A PCA LOCATION

LABEL	POTENTIALLY CONTAMINATING ACTIVITY
1.A	PCA 1.A #40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: The Site has historically been used for agricultural purposes since at least 1954 and is currently still used for agricultural purposes.
1.B	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.
1.C	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.
1.D	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: Property was historically used for agricultural purposes based on the 1954 aerial photography. Property is currently being used for agricultural purposes.
1.E	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: Property was historically used for agricultural purposes based on the 1954 aerial photography.
2	#Other 1 - Application of De-icing Agents: High possibility that de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both.
3	#58. Waste Disposal and Waste Management: The property was approved as a waste disposal site from 2007 to 2020, which includes a 1,589 cubic meter concrete storage tank to be used for the storage and transfer of liquid non-hazardous waste, specifically from food for processing/preparation operations.
4	#Other 2 - Historical Spill: A spill occurred on the property on March 28, 2019, with unknown cause, contaminant, and receiving medium.
5	#30. Importation of Fill Material of Unknown Quality: An aggregate company with multiple stockpiles of different materials - primarily granular however, some sand observed.

Scale:
1:4,250
0 40 80 160 240 320 Meters

Drawing
POTENTIALLY CONTAMINATING ACTIVITIES

Client:
TRIBUTE/SORBARA ARTHUR HOLDINGS INC.

Project
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
SOUTH OF WELLS STREET AND ELIZA STREET,
ARTHUR, ONTARIO

Drwn By:	S.J.	Chkd By:	C.M.
Project No.	101764.038	Revision No.	1
Date	FEBRUARY 2025		**FIGURE A.3**

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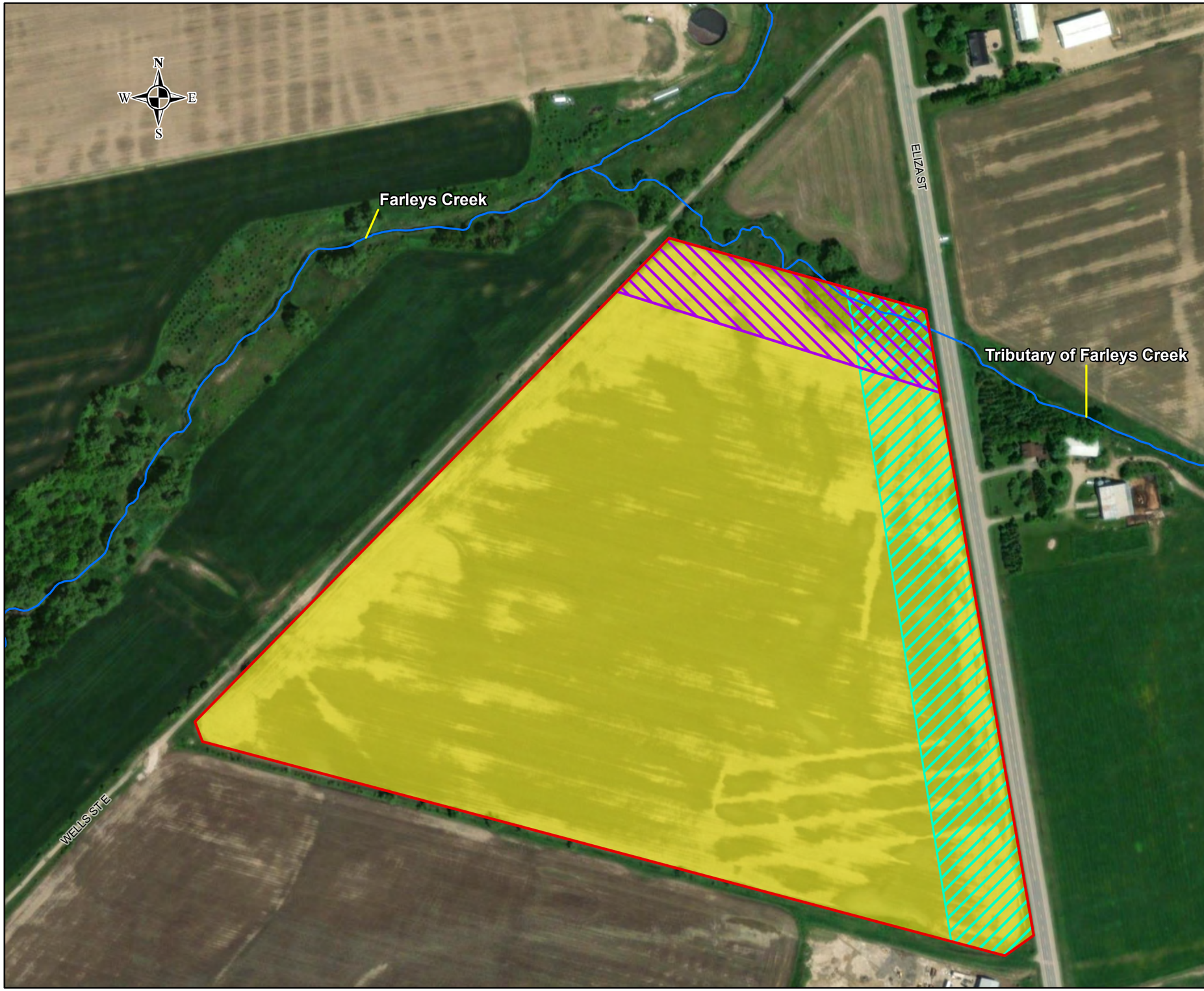

Legend

- WATERCOURSE
- WATERBODY
- PHASE ONE PROPERTY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC 1
- APEC 2
- APEC 3

LABEL	DESCRIPTION
APEC 1	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: The Phase One Property is inferred as being subject to large-scale applications of pesticides.
APEC 2	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications and #Other 1 – Application of De-icing Agents: The eastern portion of the Phase One Property is inferred as being hydraulically downgradient and in near proximity to large-scale applications of pesticides off-site and de-icing applications of a substance for the safety of vehicular traffic under conditions of snow or ice or both.
APEC 3	#40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications: The northern portion of the Phase One Property is inferred as being proximal to large-scale applications of pesticides off-site.

NOTES:

1. All locations approximate
2. Coordinate system: NAD 1983 UTM Zone 17N
3. Geographic dataset source: Ontario GeoHub.
4. Contains information licensed under the Open Government Licence – Ontario.
5. Contains information from: WellingtonPlanning. (2024, January 22). Wellington County Base Data view. Arcgis.com. www.arcgis.com/home/item.html?id=c9032c4786fa4c37abf1c210300a768a
6. Service Layer Credits: World Imagery: Maxar

Scale:

1:2,750

0 25 50 100 150 200 Meters

Drawing

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Client:

TRIBUTE/SORBARA ARTHUR HOLDINGS INC.

Project

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
SOUTH OF WELLS STREET AND ELIZA STREET,
ARTHUR, ONTARIO

Drwn By:	S.J./K.C.	Chkd By:	C.M.
Project No.	101764.038	Revision No.	1
Date	FEBRUARY 2025		**FIGURE A.4**

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APPENDIX B

Qualifications of Assessors

QUALIFICATION OF ASSESSORS

Claire Buchanan, B.A.Sc. – Field Technician

The primary assessor for this Phase One ESA was Ms. Claire Buchanan. Claire is a Field Technician with over one year of environmental consulting experience. She has been responsible for field coordination of subcontractors and staff, obtaining and interpreting utility locates, oversight and implementation of field programs, data review and reporting, and interfacing with senior project team members to troubleshoot site complications. She has conducted O. Reg. 153/04 Phase One and Phase Two Environmental Site Assessments (ESAs) and prepared respective reports. In addition, she has conducted O. Reg. 406/19 Assessment of Past Use (APU) reports, Sampling and Analysis Plans (SAP) and Soil Characterization Reports (SCR).

Curtis Moorhouse, B.Sc. – Environmental Scientist

The Phase One ESA was reviewed by Mr. Curtis Moorhouse, Environmental Scientist with GEMTEC Consulting Engineers and Scientists Limited. Curtis has a Bachelor of Science Degree and an Advanced Diploma in Environmental Technology. Curtis has over 5 years of environmental consulting experience providing environmental services including Phase One and Two Environmental Site Assessments and excess soil characterization/management.

Chris Johnston, M.A., P.Geo. (Limited), QP_{ESA}– Senior Environmental Geoscientist

The Phase One Environmental Site Assessment (ESA) was carried out under the supervision of Mr. Christopher (Chris) Johnston. Chris has 25 years of experience in environmental site assessment and remediation and is a Qualified Person (QP_{ESA}) under Ontario regulations 153/04 and 406/19. He is licenced by the Association of Professional Geoscientists of Ontario (PGO) to practice in environmental site assessment and remediation, including contaminant hydrogeology, and has served as a QP_{ESA} on hundreds of infrastructure-related, oil and gas, and land development projects since 2009. These projects have included Phase One ESAs, Assessments of Past Uses, Phase Two ESAs, Development and Implementation of Sampling and Analysis Plans, remediation, risk assessment, Records of Site Condition, Soil Characterization Report, Excess Soil Destination Assessment Reports, and/or other excess soil management responsibilities.

APPENDIX C

Fire Insurance Records

opta
INFORMATION INTELLIGENCE

enviroscan

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Site Address:

South of Wells St. & Eliza St. intersection, Arthur, ON

Requested by:

Eleanor Goolab
ERIS

Project No:

24060400346

Date Completed:

6/10/2024 1:28:22 PM

Opta Order ID:

145230

Midori

Project Name: Phase One ESA South of Wells street and Eliza street intersection

Project #: 24060400346

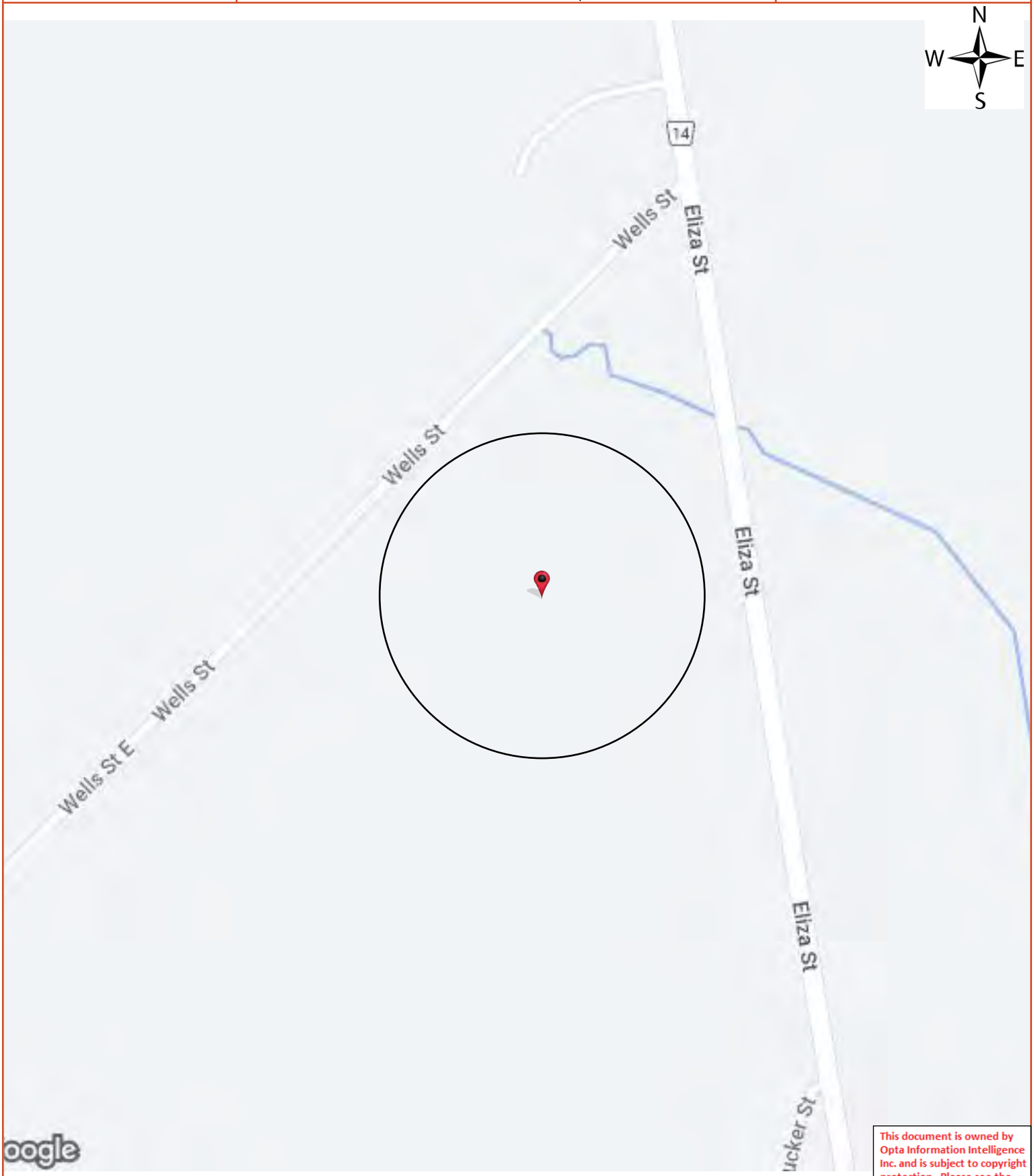
P.O. #: 101764.0384

ENVIROSCAN Report

Search Area: South of Wells St. & Eliza St. intersection, Arthur, ON

Requested by:
Eleanor Goolab
Date Completed: 06/10/2024 13:28:22

OPTA INFORMATION INTELLIGENCE



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

Governing Document

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

Law

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

Project Name: Phase One ESA South of Wells street and Eliza street intersection
Project #: 24060400346
P.O. #: 101764.0384

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 06/10/2024 13:28:22

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No Records Found

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N
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S

APPENDIX D

Title Abstract

CHAIN OF TITLE REPORT

Project #: 24060400346
Address: W/S Eliza Street, Arthur
Legal Description: Pt Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Pt 1, 61R-22310

Searched at: Guelph
LRO #: 61

PIN #: 71095-0365(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	12 03 1856	Crown	**James BEATTY**
708	Deed	06 06 1878	James Beatty	John SMITH
1216	Mortgage	12 07 1882	John Smith	London Ontario Savings Company (Mortgagee)
1655	Deed (Power of Sale)	23 09 1887	London Ontario Savings Company (John Smith defaulted in Mtg)	John CANAVAN
1942	Deed	31 07 1890	John Canavan	George HUDSON
2061	Deed	26 05 1892	George Hudson	James HURLEY
3603	Deed	24 02 1908	James Hurley	William GOULDING
4491	Deed	14 02 1920	William Goulding	Frances DONNELL
4608	Deed	11 03 1926	Frances Donnell	Laughlin MCTAVISH

Cont'd on Page 2

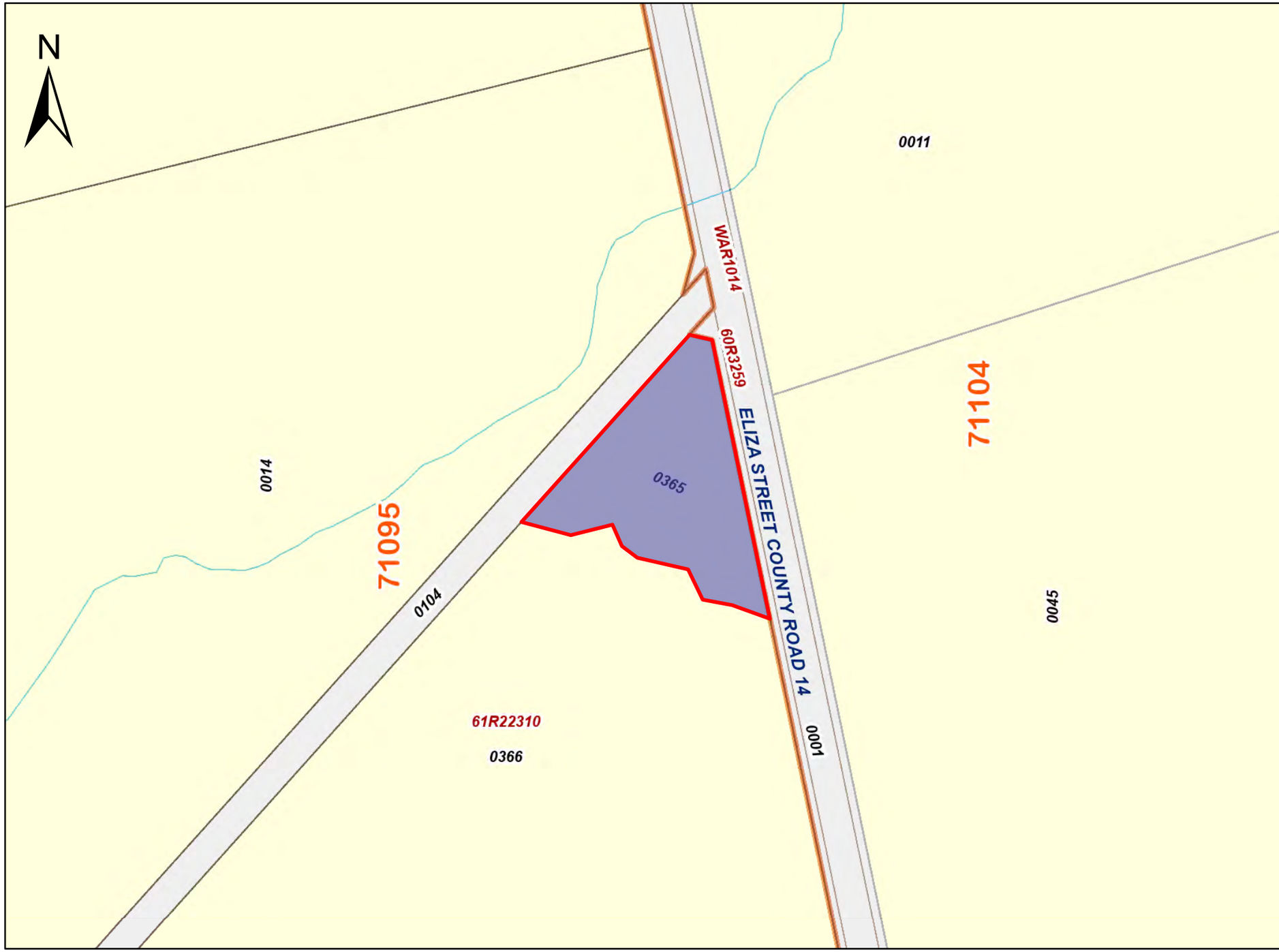
CHAIN OF TITLE REPORT

Project #: 24060400346
Address: W/S Eliza Street, Arthur
Legal Description: Pt Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Pt 1, 61R-22310

Searched at: Guelph
LRO #: 61

PIN #: 71095-0365(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
5536	Deed	01 04 1938	Laughlin McTavish	George Henry BLYTH & Mabel BLYTH
5769	Deed	22 02 1943	George Henry Blyth Mabel Blyth	George Henry BLYTH
6835	Deed	31 05 1955	George Henry Blyth	Robert A. COULTER
7249	Deed	06 06 1960	Robert A. Coulter	Marienne WORMINGHAUS & William WORMINGHAUS
RO757919	Deed	04 09 1996	Marienne Worminghaus (Surviving Joint Tenant)	Paul LEVINE & Wendy LEVINE
WC724988	Deed **(Present Owner)**	15 03 2024	Paul Levine & Wendy Levine	**Parry LEVINE & Lindsay ELLIS**



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SCALE

0 20 40 60 80 100 120 meters

PROPERTY INDEX MAP

WELLINGTON(No. 61)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

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* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PART PARK LOTS 1 AND 2 NORTH OF MACAULEY STREET SURVEY CROWN ARTHUR VILLAGE; PART 1, 61R22310; TOWNSHIP OF WELLINGTON NORTH

PROPERTY REMARKS: PLANNING ACT CONSENT IN DOCUMENT WC724988.

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 71095-0025

PIN CREATION DATE:
2024/05/07

OWNERS' NAMES	CAPACITY	SHARE
LEVINE, PARRY	JTEN	
ELLIS, LINDSAY	JTEN	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2024/05/07 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 2000/04/25 **						
61R22310	2022/10/07	PLAN REFERENCE				C
REMARKS: WC686648.						
WC724988	2024/03/15	TRANSFER	$1	LEVINE, PAUL LEVINE, WENDY	LEVINE, PARRY ELLIS, LINDSAY	C

CHAIN OF TITLE REPORT

Project #: 24060400346
Address: N/S Macaulay Street, W/S Eliza Street, Arthur
Legal Description: Pt Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Pt 2, 61R-22310

Searched at: Guelph
LRO #: 61

PIN #: 71095-0366(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	12 03 1856	Crown	**James BEATTY**
708	Deed	06 06 1878	James Beatty	John SMITH
1216	Mortgage	12 07 1882	John Smith	London Ontario Savings Company (Mortgagee)
1655	Deed (Power of Sale)	23 09 1887	London Ontario Savings Company (John Smith defaulted in Mtg)	John CANAVAN
1942	Deed	31 07 1890	John Canavan	George HUDSON
2061	Deed	26 05 1892	George Hudson	James HURLEY
3603	Deed	24 02 1908	James Hurley	William GOULDING
4491	Deed	14 02 1920	William Goulding	Frances DONNELL
4608	Deed	11 03 1926	Frances Donnell	Laughlin MCTAVISH

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 24060400346
Address: N/S Macaulay Street, W/S Eliza Street, Arthur
Legal Description: Pt Park Lots 1 & 2 N/S Macauley Street Survey Crown Arthur Village Pt 2, 61R-22310

Searched at: Guelph
LRO #: 61

PIN #: 71095-0366(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
5536	Deed	01 04 1938	Laughlin McTavish	George Henry BLYTH & Mabel BLYTH
5769	Deed	22 02 1943	George Henry Blyth Mabel Blyth	George Henry BLYTH
6835	Deed	31 05 1955	George Henry Blyth	Robert A. COULTER
7249	Deed	06 06 1960	Robert A. Coulter	Marienne WORMINGHAUS & William WORMINGHAUS
RO757919	Deed	04 09 1996	Marienne Worminghaus (Surviving Joint Tenant)	Paul LEVINE & Wendy LEVINE
WC729962	Deed **(Present Owner)**	27 05 2024	Paul Levine & Wendy Levine	**Tribute/Sorbara Arthur Holdings Inc.**

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PART PARK LOTS 1 AND 2 NORTH OF MACAULEY STREET SURVEY CROWN ARTHUR VILLAGE; PART 2, 61R22310; TOWNSHIP OF WELLINGTON NORTH

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 71095-0025

PIN CREATION DATE:
2024/05/07

OWNERS' NAMES
TRIBUTE/SORBARA ARTHUR HOLDINGS INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2024/05/07 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
**	SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *					
**	AND ESCHEATS OR FORFEITURE TO THE CROWN.					
**	THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF					
**	IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY					
**	CONVENTION.					
**	ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.					
**DATE OF CONVERSION TO LAND TITLES: 2000/04/25 **						
RO757919	1996/09/04	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	LEVINE, PAUL LEVINE, WENDY	
61R22310	2022/10/07	PLAN REFERENCE				C
	REMARKS: WC686648.					
WC729962	2024/05/27	TRANSFER	$2,375,000	LEVINE, PAUL LEVINE, WENDY	TRIBUTE/SORBARA ARTHUR HOLDINGS INC.	C
	REMARKS: PLANNING ACT STATEMENTS.					

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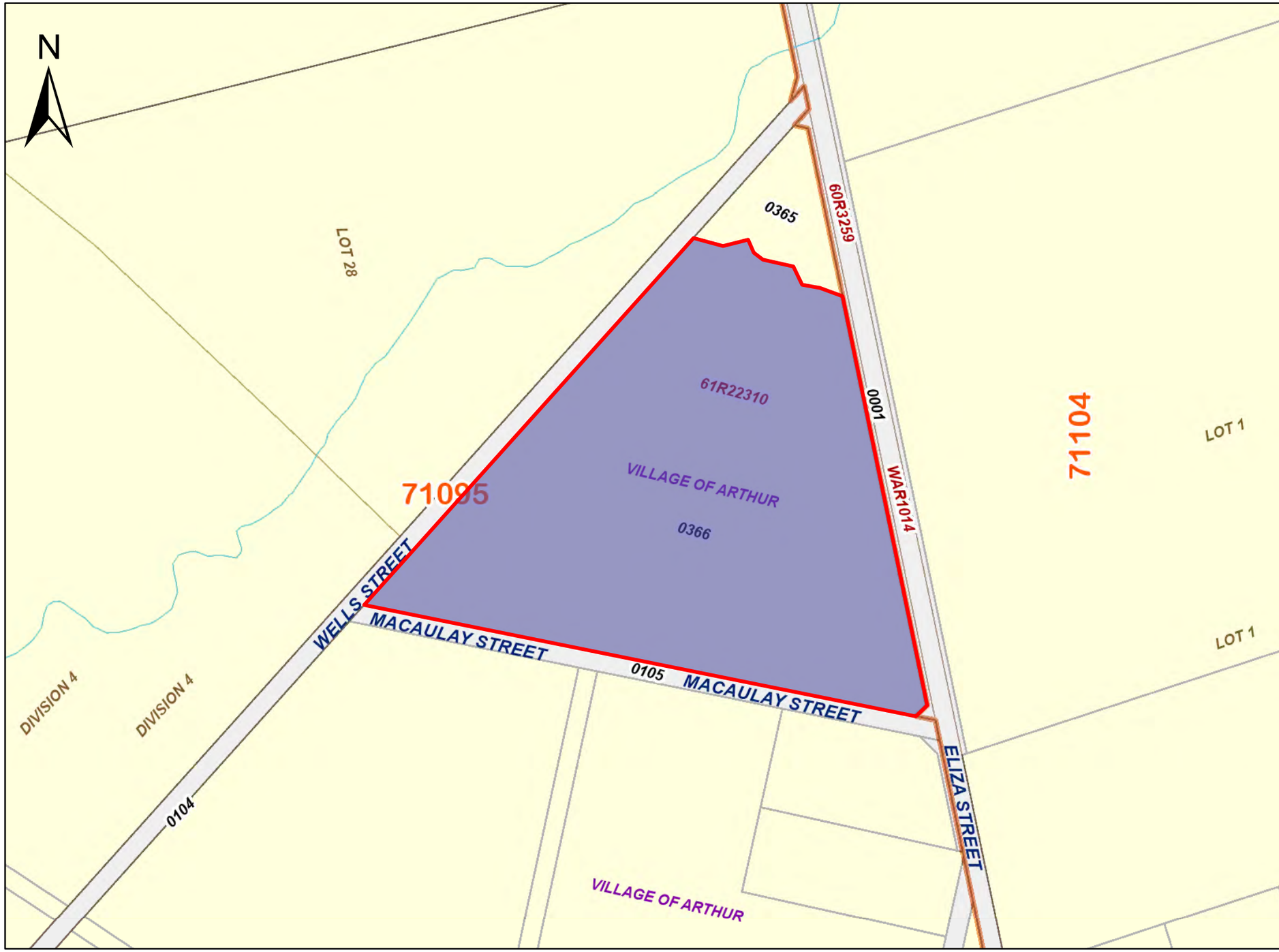

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SCALE

0 40 80 120 160 200 240 meters

PROPERTY INDEX MAP

WELLINGTON(No. 61)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

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REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

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APPENDIX E

EcoLog ERIS Report

DATABASE REPORT

Project Property:	*Phase One ESA - South of Wells street and Eliza street intersection* *South of Wells st and Eliza st intersection* *Arthur ON N0G 1A0*
Project No:	*101764.038(4)*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24060400346*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Date Completed:	*June 7, 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:	*Phase One ESA - South of Wells street and Eliza street intersection* *South of Wells st and Eliza st intersection Arthur ON N0G 1A0*
Project No:	*101764.038(4)*

Order Information:

Order No:	*24060400346*
Date Requested:	*June 4, 2024*
Requested by:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - QUOTE Custom City Directory Search*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Land Title Search	*Historical Land Title Search*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	5	5	10
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	15	15
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	9	9

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
		Total:	5	31	36

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		655 Eliza St Arthur ON N0G 1A0	E/0.0	0.00	18
1	EHS		655 Eliza St Arthur ON N0G 1A0	E/0.0	0.00	18
1	EHS		655 Eliza St Arthur ON N0G 1A0	E/0.0	0.00	18
1	EHS		655 Eliza St Arthur ON N0G 1A0	E/0.0	0.00	18
1	EHS		655 Eliza St Arthur ON N0G 1A0	E/0.0	0.00	19

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		ON **Well ID:** 7405740	WSW/32.6	-4.00	19
3	WWIS		ON **Well ID:** 7405741	WSW/36.5	-4.00	20
4	WWIS		510 ELIZA ST lot 29 con 1 ON **Well ID:** 7353747	SE/70.4	1.00	21
5	WWIS		lot 1 con 2 ON **Well ID:** 6707276	NE/80.8	-1.00	28
6	WWIS		8566 COUNTY RD #14, RR#2 lot 28 con 1 ARTHUR ON **Well ID:** 6715447	N/104.4	-3.78	32
7	EBR	Par-Two Farm Ltd.	8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North Ontario TOWNSHIP OF WELLINGTON NORTH ON	NNE/114.6	-2.55	35
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	36
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	NNE/114.6	-2.55	36
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON	NNE/114.6	-2.55	37
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North Township ON	NNE/114.6	-2.55	38
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON	NNE/114.6	-2.55	38

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	39
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	NNE/114.6	-2.55	40
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	41
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	41
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	NNE/114.6	-2.55	42
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	43
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	43
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	NNE/114.6	-2.55	44
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	45
7	SPL	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Con 1 Wellington North ON NA	NNE/114.6	-2.55	46
7	WDS	Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	NNE/114.6	-2.55	46
8	WWIS		8566 COUNTY RD 14 lot 28 con 1 ARTHUR ON ***Well ID:*** 7255395	N/131.5	-1.90	47
9	WWIS		lot 28 con 1 ON	N/138.3	0.00	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6710468			
10	WWIS		FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON ***Well ID:*** 7369549	SSW/229.5	-2.00	53
11	WWIS		FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON ***Well ID:*** 7369547	S/230.2	0.00	56
12	EHS		665 Eliza St Arthur ON N0G 1A0	E/240.8	-0.69	58
12	EHS		665 Eliza St Arthur ON N0G 1A0	E/240.8	-0.69	59
12	EHS		665 Eliza St Arthur ON N0G 1A0	E/240.8	-0.69	59
12	EHS		665 Eliza St Arthur ON N0G 1A0	E/240.8	-0.69	59
12	EHS		665 Eliza St Arthur ON N0G 1A0	E/240.8	-0.69	59

Executive Summary: Summary By Data Source

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Mar 31, 2024 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Par-Two Farm Ltd.	8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North Ontario TOWNSHIP OF WELLINGTON NORTH ON	114.6	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 10 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	655 Eliza St Arthur ON N0G 1A0	0.0	1
	655 Eliza St Arthur ON N0G 1A0	0.0	1
	655 Eliza St Arthur ON N0G 1A0	0.0	1
	655 Eliza St Arthur ON N0G 1A0	0.0	1
	655 Eliza St Arthur ON N0G 1A0	0.0	1
	665 Eliza St Arthur ON N0G 1A0	240.8	12

Site	Address	Distance (m)	Map Key
	665 Eliza St Arthur ON N0G 1A0	240.8	12
	665 Eliza St Arthur ON N0G 1A0	240.8	12
	665 Eliza St Arthur ON N0G 1A0	240.8	12
	665 Eliza St Arthur ON N0G 1A0	240.8	12

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Con 1 Wellington North ON NA	114.6	7

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011-Mar 31, 2024 has found that there are 15 WDS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North Township ON	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON	114.6	7

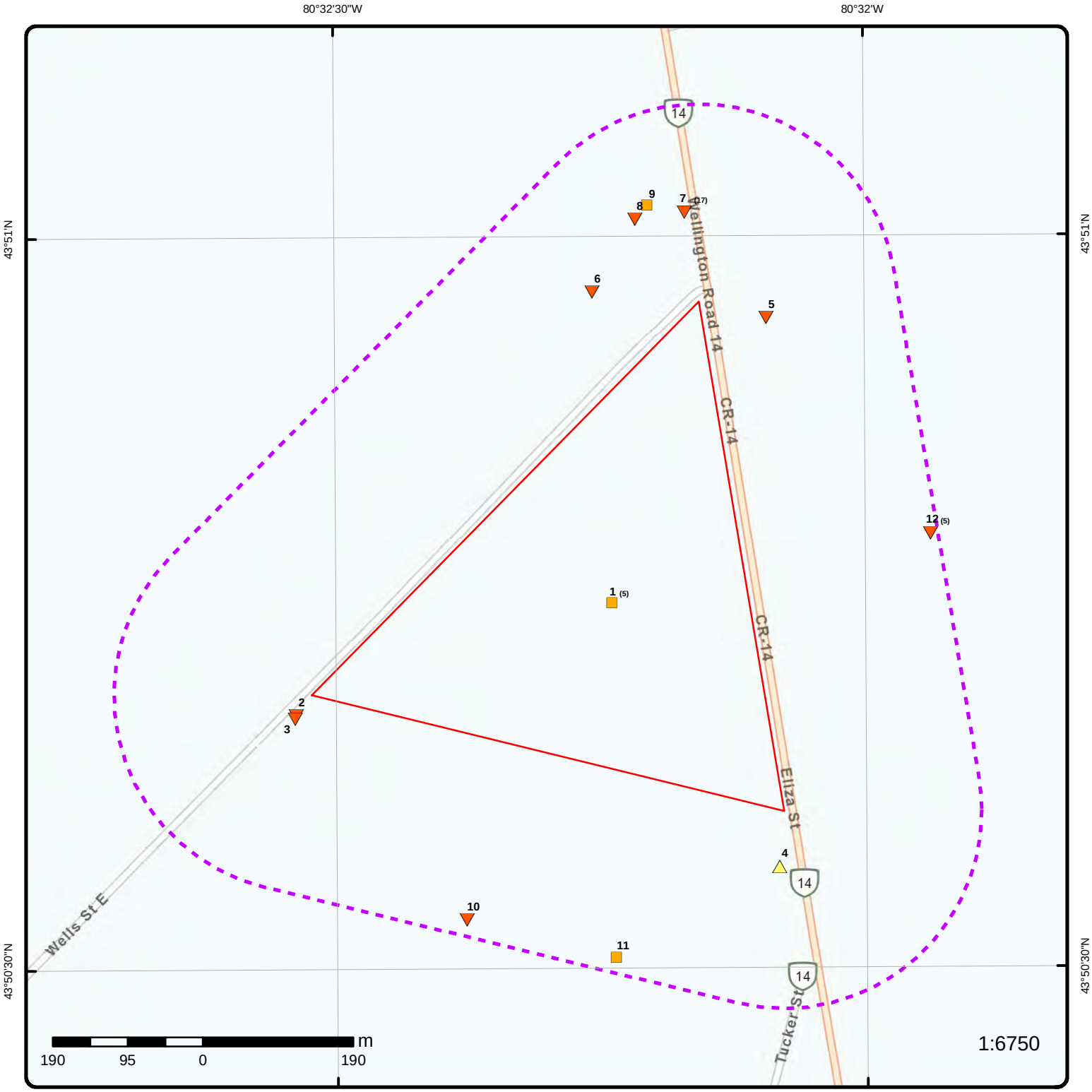
Site	Address	Distance (m)	Map Key
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	114.6	7
Par-Two Farm Ltd.	8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	114.6	7

Site	Address	Distance (m)	Map Key

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7405740	32.6	2
	ON ***Well ID:*** 7405741	36.5	3
	510 ELIZA ST lot 29 con 1 ON ***Well ID:*** 7353747	70.4	4
	lot 1 con 2 ON ***Well ID:*** 6707276	80.8	5
	8566 COUNTY RD #14, RR#2 lot 28 con 1 ARTHUR ON ***Well ID:*** 6715447	104.4	6
	8566 COUNTY RD 14 lot 28 con 1 ARTHUR ON ***Well ID:*** 7255395	131.5	8
	lot 28 con 1 ON ***Well ID:*** 6710468	138.3	9
	FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON ***Well ID:*** 7369549	229.5	10
	FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON ***Well ID:*** 7369547	230.2	11



Map: 0.25 Kilometer Radius

Order Number: 24060400346

Address: South of Wells st and Eliza st intersection, Arthur, ON

Project Property
Buffer Outline
Eris Sites with Higher Elevation
Eris Sites with Same Elevation
Eris Sites with Lower Elevation
Eris Sites with Unknown Elevation

Freeways; Highways
Traffic Circle; Ramp
Major Arterial; Minor Arterial
Local Road
Service Road; Traffic Circle; Ramp
Rail

Beach
Airport
Industrial Area
Military Base
Aircraft Roads
Native Reservation
Hospital

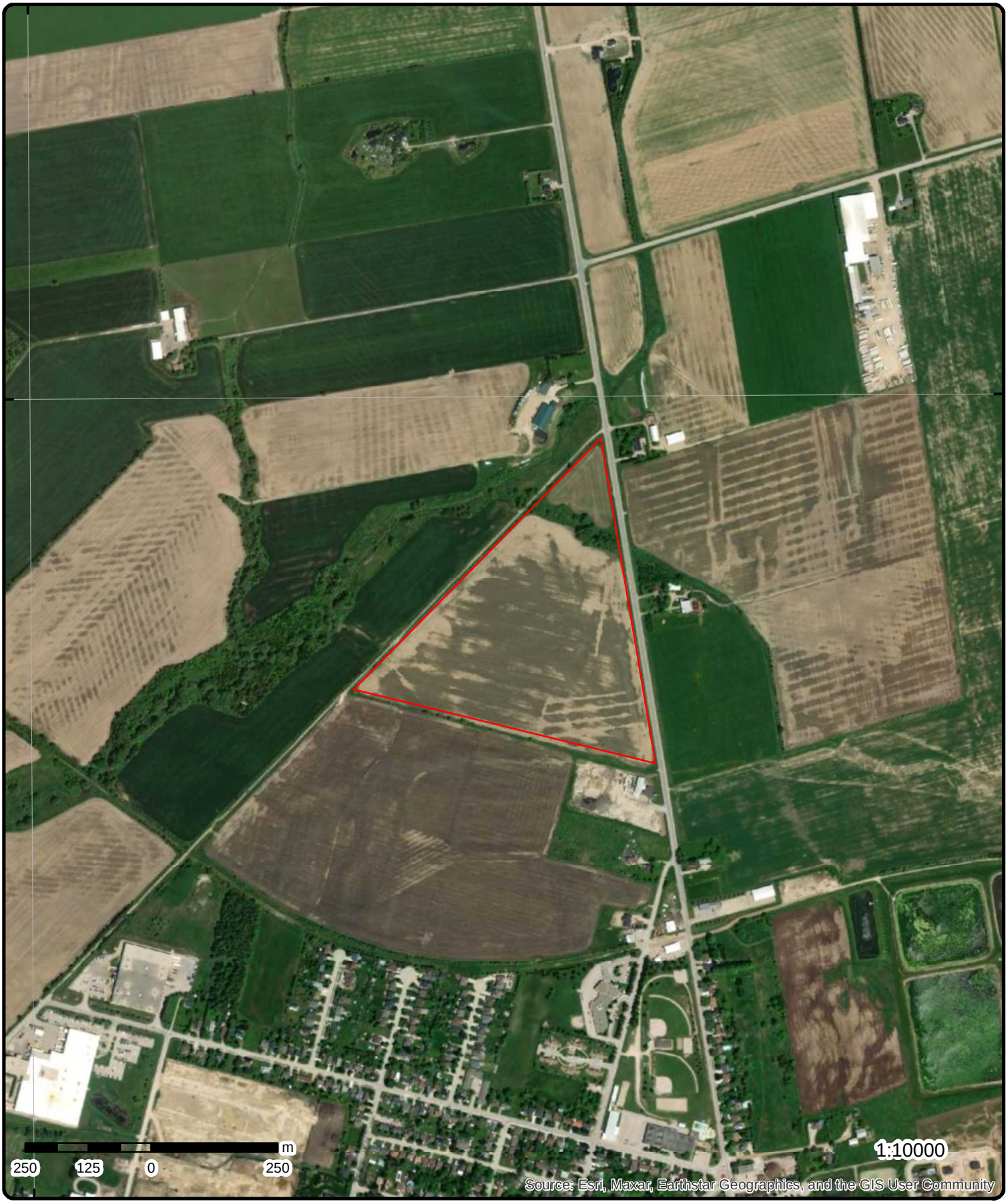
Shopping & Sports Area
University/College
Cemetery; Golf Course
Parkt (National)
Park (City/County)

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership

80°33'W

43°51'N



43°51'N

Aerial

Year: 2022

Order Number: 24060400346

Address: South of Wells st and Eliza st intersection, Arthur, ON

Source: ESRI World Imagery

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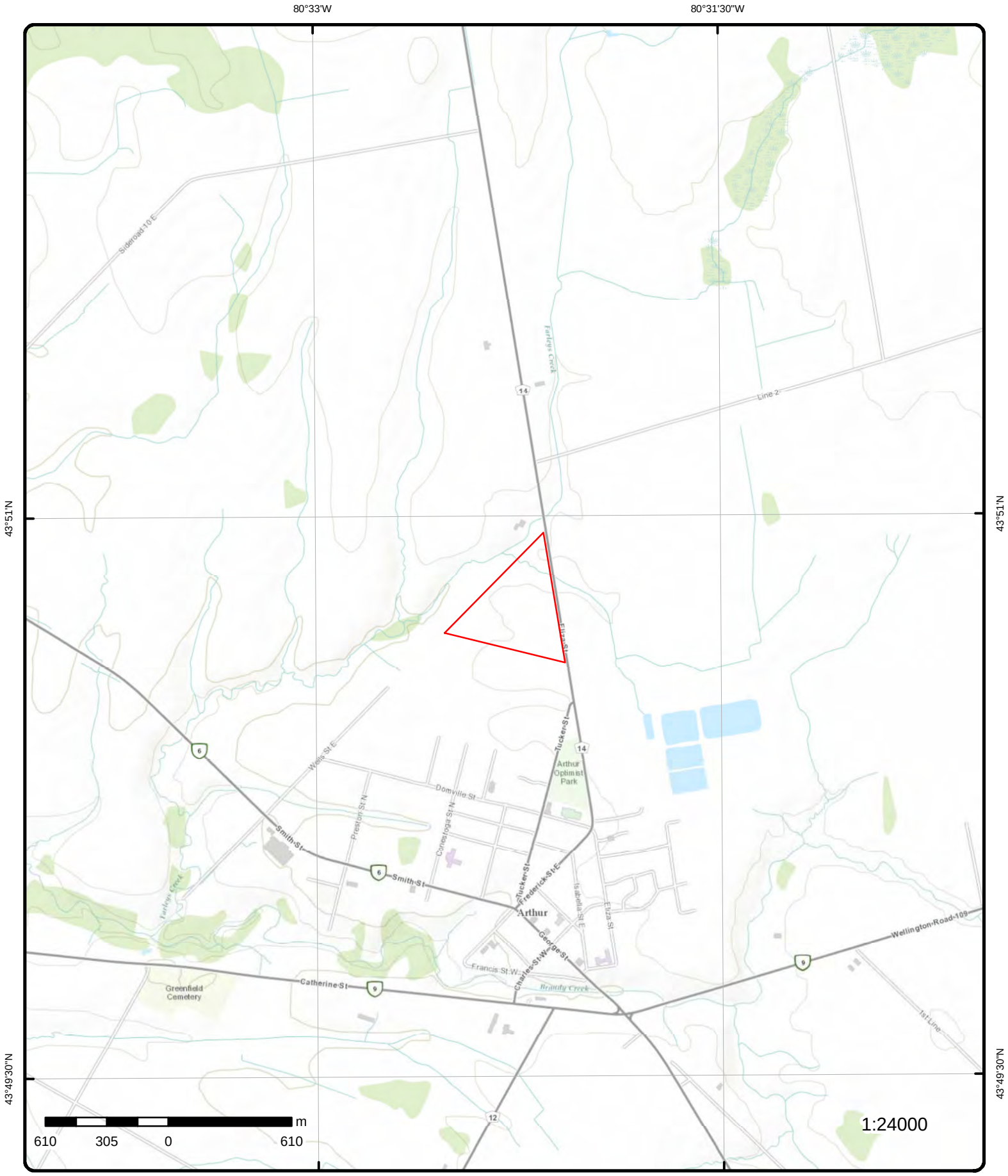

Topographic Map

Order Number: 24060400346

Address: South of Wells st and Eliza st intersection, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 5	E/0.0	463.9 / 0.00	655 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22051900493	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	25-MAY-22	**Search Radius (km):**	.3
Date Received:	19-MAY-22	**X:**	-80.53734082
Previous Site Name:		**Y:**	43.84582518
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 5	E/0.0	463.9 / 0.00	655 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22051900493	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	25-MAY-22	**Search Radius (km):**	.3
Date Received:	19-MAY-22	**X:**	-80.53734082
Previous Site Name:		**Y:**	43.84582518
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 5	E/0.0	463.9 / 0.00	655 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22051900493	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	25-MAY-22	**Search Radius (km):**	.3
Date Received:	19-MAY-22	**X:**	-80.53734082
Previous Site Name:		**Y:**	43.84582518
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 5	E/0.0	463.9 / 0.00	655 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22051900493	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	25-MAY-22	**Search Radius (km):**	.3
Date Received:	19-MAY-22	**X:**	-80.53734082
Previous Site Name:		**Y:**	43.84582518
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	5 of 5	E/0.0	463.9 / 0.00	655 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22051900493	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	25-MAY-22	**Search Radius (km):**	.3
Date Received:	19-MAY-22	**X:**	-80.53734082
Previous Site Name:		**Y:**	43.84582518
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

2	1 of 1	WSW/32.6	459.9 / -4.00	ON	WWIS

Well ID:	7405740	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	12/13/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z372729	**Contractor:**	7221
Tag:	A310481	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008881596	**Tag No:**	A310481
Depth M:		**Contractor:**	7221
Year Completed:	2021	**Latitude:**	43.8445556276599
Well Completed Dt:	11/22/2021	**Longitude:**	-80.5423171294469
Audit No:	Z372729	**Y:**	43.84455562756575
Path:		**X:**	-80.54231697922017

Bore Hole Information

Bore Hole ID:	1008881596	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	536790.00
Code OB Desc:		**North83:**	4854710.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/22/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Pipe Information

Pipe ID: 1009979373
Casing No: 0
Comment:
Alt Name:

Pipe Information

Pipe ID: 1009979603
Casing No: 0
Comment:
Alt Name:

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3 | ***1 of 1*** | ***WSW/36.5*** | ***459.9 / -4.00*** | ***ON*** | ***WWIS***

Well ID:	7405741	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	12/13/2021
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z372731	***Contractor:***	7221
Tag:	A328801	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008881599	***Tag No:***	A328801
Depth M:		***Contractor:***	7221
Year Completed:	2021	***Latitude:***	43.8445196636079
Well Completed Dt:	11/25/2021	***Longitude:***	-80.5423298448092
Audit No:	Z372731	***Y:***	43.84451966349616
Path:		***X:***	-80.54232969577063

Bore Hole Information

Bore Hole ID:	1008881599	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	536789.00
Code OB Desc:		***North83:***	4854706.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/25/2021	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			

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

Pipe Information

Pipe ID: 1009979604
Casing No: 0
Comment:
Alt Name:

Pipe Information

Pipe ID: 1009979374
Casing No: 0
Comment:
Alt Name:

4	1 of 1	SE/70.4	464.9 / 1.00	510 ELIZA ST lot 29 con 1 ON	WWIS

Well ID:	7353747	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	02/18/2020
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z298683	**Contractor:**	6865
Tag:	A214512	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	029
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/735\7353747.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/16/2019
Year Completed: 2019
Depth (m): 72.1
Latitude: 43.8428142771787
Longitude: -80.5347295769647
X: -80.53472942731732
Y: 43.84281427658012
Path: 735\7353747.pdf

Bore Hole Information

Bore Hole ID:	1008156776	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		***East83:***	537401.00
Code OB Desc:		***North83:***	4854520.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	12/16/2019	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008860131
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008860132
Layer:	2
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.5
Formation End Depth:	46.900001525878906
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1008860133
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	46.900001525878906
Formation End Depth:	72.0999984741211

Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1008860169
Layer: 1
Plug From: 0.0
Plug To: 7.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1008860168
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1008860129
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008860138
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.800000011920929
Depth To: 48.0
Casing Diameter: 15.899999618530273
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1008860139
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 48.0
Depth To: 72.0999984741211
Casing Diameter: 15.600000381469727
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1008860140
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008860130
Pump Set At:	46.0
Static Level:	11.34000015258789
Final Level After Pumping:	33.68000030517578
Recommended Pump Depth:	46.0
Pumping Rate:	45.0
Flowing Rate:	
Recommended Pump Rate:	38.0
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1008860146
Test Type:	Recovery
Test Duration:	3
Test Level:	28.90999984741211
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1008860155
Test Type:	Draw Down
Test Duration:	20
Test Level:	28.1200008392334
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1008860156
Test Type:	Recovery
Test Duration:	20
Test Level:	16.290000915527344
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1008860160
Test Type:	Recovery
Test Duration:	30
Test Level:	14.039999961853027
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1008860145
Test Type:	Draw Down
Test Duration:	3
Test Level:	16.350000381469727
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1008860159
Test Type: Draw Down
Test Duration: 30
Test Level: 30.81999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860147
Test Type: Draw Down
Test Duration: 4
Test Level: 17.600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860148
Test Type: Recovery
Test Duration: 4
Test Level: 27.8700008392334
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860152
Test Type: Recovery
Test Duration: 10
Test Level: 21.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860154
Test Type: Recovery
Test Duration: 15
Test Level: 18.31999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860157
Test Type: Draw Down
Test Duration: 25
Test Level: 29.670000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860162
Test Type: Recovery
Test Duration: 40
Test Level: 13.09000015258789
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860163

Test Type: Draw Down
Test Duration: 50
Test Level: 33.06999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860149
Test Type: Draw Down
Test Duration: 5
Test Level: 18.75
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860150
Test Type: Recovery
Test Duration: 5
Test Level: 26.350000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860158
Test Type: Recovery
Test Duration: 25
Test Level: 14.90999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860143
Test Type: Draw Down
Test Duration: 2
Test Level: 14.9399995803833
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860144
Test Type: Recovery
Test Duration: 2
Test Level: 30.360000610351562
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860153
Test Type: Draw Down
Test Duration: 15
Test Level: 26.059999465942383
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860164
Test Type: Recovery
Test Duration: 50
Test Level: 12.649999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860165
Test Type: Draw Down
Test Duration: 60
Test Level: 33.68000030517578
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860151
Test Type: Draw Down
Test Duration: 10
Test Level: 23.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860141
Test Type: Draw Down
Test Duration: 1
Test Level: 13.319999694824219
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860142
Test Type: Recovery
Test Duration: 1
Test Level: 31.90999984741211
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860161
Test Type: Draw Down
Test Duration: 40
Test Level: 32.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1008860166
Test Type: Recovery
Test Duration: 60
Test Level: 12.369999885559082
Test Level UOM: m

Water Details

Water ID: 1008860137
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 60.0
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1008860134
Diameter:	25.100000381469727
Depth From:	0.0
Depth To:	7.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1008860135
Diameter:	22.299999237060547
Depth From:	7.0
Depth To:	48.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1008860136
Diameter:	15.600000381469727
Depth From:	48.0
Depth To:	72.0999984741211
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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5 | **1 of 1** | **NE/80.8** | **462.9 / -1.00** | **lot 1 con 2 ON** | **WWIS**

Well ID:	6707276	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	07/02/1980
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3740
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	WEST LUTHER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6707276.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/29/1980
Year Completed:	1980
Depth (m):	129.54
Latitude:	43.849063526526
Longitude:	-80.5348900153202
X:	-80.53488986579855
Y:	43.84906352676931
Path:	670\6707276.pdf

Bore Hole Information

Bore Hole ID:	10471331	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	537384.20
Code OB Desc:		***North83:***	4855214.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	3
Date Completed:	05/29/1980	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932634837
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634840
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	138.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634839
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05

Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	138.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634841
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	185.0
Formation End Depth:	325.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634842
Layer:	6
Color:	1
General Color:	WHITE
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	325.0
Formation End Depth:	425.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634838
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 966707276
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11019901
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930766982
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 425.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930766981
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 140.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996707276
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 130.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935133126
Test Type:
Test Duration: 60

Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933960400
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 405.0
Water Found Depth UOM: ft

Water Details

Water ID: 933960401
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 425.0
Water Found Depth UOM: ft

6	1 of 1	N/104.4	460.1 / -3.78	8566 COUNTY RD #14, RR#2 lot 28 con 1 ARTHUR ON	WWIS

Well ID: 6715447
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z27704
Tag: A027809
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: ARTHUR TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/23/2005
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7282
Form Version: 3
Owner:
County: WELLINGTON
Lot: 028
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6715447.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/15/2005
Year Completed: 2005
Depth (m): 9.15
Latitude: 43.8493627536631
Longitude: -80.5376272869069
X: -80.53762713757457
Y: 43.84936275353628
Path: 671\6715447.pdf

Bore Hole Information

Bore Hole ID: 11327233
DP2BR:

Elevation:
Elevrc:

Spatial Status:		***Zone:***	17
Code OB:		***East83:***	537164.00
Code OB Desc:		***North83:***	4855246.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	06/15/2005	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933035357
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933035359
Layer:	3
Color:	2
General Color:	GREY
Material 1:	06
Material 1 Desc:	SILT
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	6.099999904632568
Formation End Depth:	7.010000228881836
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933035358
Layer:	2
Color:	2
General Color:	GREY
Material 1:	06
Material 1 Desc:	SILT
Material 2:	12
Material 2 Desc:	STONES
Material 3:	05
Material 3 Desc:	CLAY
Formation Top Depth:	3.6600000858306885

Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933035360
Layer: 4
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 7.010000228881836
Formation End Depth: 9.149999618530273
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933275639
Layer: 1
Plug From: 0.0
Plug To: 3.3499999046325684
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933275640
Layer: 2
Plug From: 3.3499999046325684
Plug To: 7.619999885559082
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 966715447
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11342088
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930872025
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: -0.9100000262260437
Depth To: 3.9600000381469727

Casing Diameter:	5.25
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933414311
Layer:	1
Slot:	10
Screen Top Depth:	3.9600000381469727
Screen End Depth:	7.010000228881836
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	934063791
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.099999904632568
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11548161
Diameter:	23.0
Depth From:	0.0
Depth To:	9.149999618530273
Hole Depth UOM:	m
Hole Diameter UOM:	cm

7	1 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1** **Wellington North Ontario TOWNSHIP OF WELLINGTON NORTH** **ON**	EBR

EBR Registry No:	IA06E0994	**Decision Posted:**	
Ministry Ref No:	0848-6SCRRN	**Exception Posted:**	
Notice Type:	Instrument Decision	**Section:**	
Notice Stage:		**Act 1:**	
Notice Date:	August 01, 2007	**Act 2:**	
Proposal Date:	August 09, 2006	**Site Location Map:**	
Year:	2006		

Instrument Type:	(EPA s. 27) - Approval for a waste disposal site.
Off Instrument Name:	
Posted By:	
Company Name:	Par-Two Farm Ltd.
Site Address:	
Location Other:	
Proponent Name:	
Proponent Address:	3780 Chilligo Road, R.R. No. 2, Woolwich Ontario, N0B 1M0
Comment Period:	
URL:	

Site Location Details:

8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North Ontario TOWNSHIP OF WELLINGTON NORTH

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	2 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1 Wellington North ON N0B 1M0	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2007-06-04	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14, Lots 28 & 35, Conc. 1		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/0848-6SCRRN-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	3 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14 Lots 28 & 35 Conc Wellington North ON N0B 1M0	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2011-04-29	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	

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

Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35 Conc		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/1476-8F6KDM-14.pdf		
PDF Site Location:			

7	4 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35 Conc** **Wellington North ON**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m^3):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Approved	**Transfer Cap (m^3):**	
Facility Type:		**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	
Link Source:		**Inciner. Cap (t):**	
Project Type:		**Process Area (m^3):**	
Application Status:		**Process Cap (m^3/d):**	
Issue Date:	6/13/12	**Process Vol (m^3):**	
Input Date:		**Process Feed (m^3):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	Wellington North
Mobile Capacity:		**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:			
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:			
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			

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

Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

7	5 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35, Con 1** **Wellington North Township ON**	WDS

Approval No:	4716-6ZNPQU	***Total Area (ha):***	
Mob Unit Cert No:		***Landfill Cap (m³):***	
EBR Registry No:		***Transfer Area (ha):***	
Status:	Approved	***Transfer Cap (m³):***	
Facility Type:		***Transfer Cert No:***	
Record Type:		***Inciner. Area (ha):***	
Link Source:		***Inciner. Cap (t):***	
Project Type:		***Process Area (m³):***	
Application Status:		***Process Cap (m³/d):***	
Issue Date:	7/25/14	***Process Vol (m³):***	
Input Date:		***Process Feed (m³):***	
Date Received:		***Site Concession:***	
Est Closure Date:		***Site Region/County:***	Wellington North Township
Mobile Capacity:		***SWP Area Name:***	
Mobile Units:		***MOE District:***	
Mobile Description:		***District Office:***	
Prop City:		***Latitude:***	43.846388888888888857309211743995547294616699219 75
Prop Postal:		***Longitude:***	-80.5441666666666691298814839683473110198974609375
Prop Phone:		***Geometry X:***	
Serial Link:		***Geometry Y:***	
Approval Type:			
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Dan Saunders Farm 8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North Township, County of Wellington		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

7	6 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35, Con 1** **Wellington North ON**	WDS

Approval No:	4716-6ZNPQU	***Total Area (ha):***	

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

Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Approved	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:		**Inciner. Area (ha):**	
Link Source:		**Inciner. Cap (t):**	
Project Type:		**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	4/10/15	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	Wellington North
Mobile Capacity:		**SWP Area Name:**	
Mobile Units:		**MOE District:**	
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.846388888888888857309211743995547294616699218 75
Prop Postal:		**Longitude:**	-80.5441666666666691298814839683473110198974609375
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:			
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Dan Saunders Farm 8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North Township, County of Wellington		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	7 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35, Con 1** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2017-01-20	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421

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

Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35, Con 1		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/4687-A6QLJY-14.pdf		
PDF Site Location:			

7	8 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35 Conc** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m^3):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m^3):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m^3):**	
Application Status:		**Process Cap (m^3/d):**	
Issue Date:	2011-04-12	**Process Vol (m^3):**	
Input Date:		**Process Feed (m^3):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.5442099999999
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35 Conc		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			

Other Approvals/Permits:
PDF URL:
PDF Site Location:

7	9 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2014-07-25	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	

Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address: 8566 Wellington Rd. 14 Lots 28 & 35, Con 1
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/1745-9GQJYD-14.pdf
PDF Site Location:

7	10 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	

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

Issue Date:	2016-02-03	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.5442099999999
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35, Con 1		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	11 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35 Conc** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2012-06-13	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35 Conc		
Site Lot:			
Waste Class Code:			
Waste Class:			

Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/5320-8GHRMN-14.pdf
PDF Site Location:

7	12 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35, Con 1** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	***Total Area (ha):***	
Mob Unit Cert No:		***Landfill Cap (m³):***	
EBR Registry No:		***Transfer Area (ha):***	
Status:	Revoked and/or Replaced	***Transfer Cap (m³):***	
Facility Type:		***Transfer Cert No:***	
Record Type:	ECA	***Inciner. Area (ha):***	
Link Source:	IDS	***Inciner. Cap (t):***	
Project Type:	WASTE DISPOSAL SITES	***Process Area (m³):***	
Application Status:		***Process Cap (m³/d):***	
Issue Date:	2015-04-10	***Process Vol (m³):***	
Input Date:		***Process Feed (m³):***	
Date Received:		***Site Concession:***	
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:		***SWP Area Name:***	Grand River
Mobile Units:		***MOE District:***	Guelph
Mobile Description:		***District Office:***	
Prop City:		***Latitude:***	43.84644
Prop Postal:		***Longitude:***	-80.54421
Prop Phone:		***Geometry X:***	
Serial Link:		***Geometry Y:***	

Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address: 8566 Wellington Rd. 14 Lots 28 & 35, Con 1
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/7480-9HXLRF-14.pdf
PDF Site Location:

7	13 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35, Con 1** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2017-08-01	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35, Con 1		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/2468-AP7K8K-14.pdf		
PDF Site Location:			

7	14 of 17	NNE/114.6	461.3 / -2.55	**Par-Two Farm Ltd.** **8566 Wellington Rd. 14 Lots 28 & 35 Conc** **Wellington North ON N0B 1M0**	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Revoked and/or Replaced	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2011-04-12	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	

Serial Link:		***Geometry Y:***	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35 Conc		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			
PDF Site Location:			

7	***15 of 17***	***NNE/114.6***	***461.3 / -2.55***	***Par-Two Farm Ltd.*** ***8566 Wellington Rd. 14 Lots 28 & 35, Con 1*** ***Wellington North ON N0B 1M0***	***WDS***

Approval No:	4716-6ZNPQU	***Total Area (ha):***	
Mob Unit Cert No:		***Landfill Cap (m³):***	
EBR Registry No:		***Transfer Area (ha):***	
Status:	Revoked and/or Replaced	***Transfer Cap (m³):***	
Facility Type:		***Transfer Cert No:***	
Record Type:	ECA	***Inciner. Area (ha):***	
Link Source:	IDS	***Inciner. Cap (t):***	
Project Type:	WASTE DISPOSAL SITES	***Process Area (m³):***	
Application Status:		***Process Cap (m³/d):***	
Issue Date:	2016-02-03	***Process Vol (m³):***	
Input Date:		***Process Feed (m³):***	
Date Received:		***Site Concession:***	
Est Closure Date:		***Site Region/County:***	
Mobile Capacity:		***SWP Area Name:***	Grand River
Mobile Units:		***MOE District:***	Guelph
Mobile Description:		***District Office:***	
Prop City:		***Latitude:***	43.84644
Prop Postal:		***Longitude:***	-80.54421
Prop Phone:		***Geometry X:***	
Serial Link:		***Geometry Y:***	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	8566 Wellington Rd. 14 Lots 28 & 35, Con 1		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			

PDF URL:
PDF Site Location:

7	16 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14 Lots 28 & 35 Con 1 Wellington North ON NA	SPL

Ref No:	2443-BAPR8S	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	3/28/2019	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	3/28/2019	**Health/Env Conseq:**	
Dt Document Closed:		**Agency Involved:**	

Site No:	1453-6SCRSB
MOE Response:	
Site County/District:	County of Wellington
Site Geo Ref Meth:	1-10 metres eg. Good Quality GPS
Site District Office:	Guelph
Nearest Watercourse:	
Site Name:	s.21 Farm
Site Address:	8566 Wellington Rd. 14 Lots 28 & 35 Con 1
Site Region:	West Central
Site Municipality:	Wellington North
Site Lot:	
Site Conc:	NA
Site Geo Ref Accu:	Map
Site Map Datum:	NAD83
Northing:	4855347
Easting:	537278
Incident Cause:	
Incident Event:	
Environment Impact:	
Nature of Impact:	
Contaminant Qty:	
System Facility Address:	
Client Name:	Par-Two Farm Ltd.
Client Type:	Corporation
Source Type:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Incident Reason:	
Incident Summary:	2018 Annual Report
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	

7	17 of 17	NNE/114.6	461.3 / -2.55	Par-Two Farm Ltd. 8566 Wellington Rd. 14 Lots 28 & 35, Con 1 Wellington North ON N0B 1M0	WDS

Approval No:	4716-6ZNPQU	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m^3):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Approved	**Transfer Cap (m^3):**	
Facility Type:		**Transfer Cert No:**	

Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2020-10-05	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grand River
Mobile Units:		**MOE District:**	Guelph
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.84644
Prop Postal:		**Longitude:**	-80.54421
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	

Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address: 8566 Wellington Rd. 14 Lots 28 & 35, Con 1
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/5435-BPMJ9W-14.pdf
PDF Site Location:

8	1 of 1	N/131.5	462.0 / -1.90	8566 COUNTY RD 14 lot 28 con 1 ARTHUR ON	WWIS

Well ID:	7255395	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	01/06/2016
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z226366	**Contractor:**	7556
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	028
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: ARTHUR TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7255395.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/14/2015
Year Completed: 2015
Depth (m):
Latitude: 43.8501883512388
Longitude: -80.5369490638241
X: -80.53694891416541
Y: 43.850188350878085
Path: 725\7255395.pdf

Bore Hole Information

Bore Hole ID: 1005855881
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/14/2015
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 537218.00
North83: 4855338.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1005954361
Layer: 1
Plug From: 0.0
Plug To: 14.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005954360
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005954359
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005954353
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1005954357
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005954358
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1005954356
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005954355
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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9 ***1 of 1*** ***N/138.3*** ***463.9 / 0.00*** ***lot 28 con 1 ON*** ***WWIS***

Well ID:	6710468	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	Livestock	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/01/1990
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	34393	***Contractor:***	3740
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	028
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	

Clear/Cloudy:
UTM Reliability:
Municipality: ARTHUR TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6710468.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/10/1990
Year Completed: 1990
Depth (m): 114.3
Latitude: 43.8503496469832
Longitude: -80.5367587034688
X: -80.53675855311734
Y: 43.850349646955806
Path: 671\6710468.pdf

Bore Hole Information

Bore Hole ID: 10474313
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/10/1990
Remarks:
Location Method Desc: from gps
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 537233.20
North83: 4855356.00
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Overburden and Bedrock Materials Interval

Formation ID: 932648057
Layer: 6
Color: 1
General Color: WHITE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 305.0
Formation End Depth: 375.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932648054
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY

Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	142.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648053
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648056
Layer:	5
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	220.0
Formation End Depth:	305.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648055
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	142.0
Formation End Depth:	220.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648052
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966710468
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11022883
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930772363
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	144.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930772364
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	375.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996710468
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	95.0
Recommended Pump Depth:	150.0
Pumping Rate:	10.0

Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935132719
Test Type:	
Test Duration:	60
Test Level:	95.0
Test Level UOM:	ft

Water Details

Water ID:	933964114
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	302.0
Water Found Depth UOM:	ft

10 ***1 of 1*** ***SSW/229.5*** ***461.9 / -2.00*** ***FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON*** ***WWIS***

Well ID:	7369549	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	10/05/2020
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z4V3DQ6U	***Contractor:***	7366
Tag:	A295003	***Form Version:***	9
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	029
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/736\7369549.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/17/2020
Year Completed:	2020
Depth (m):	4.572
Latitude:	43.842221940492
Longitude:	-80.5396479482915
X:	-80.53964779901077

Y: 43.84222193999742
Path: 736\7369549.pdf

Bore Hole Information

Bore Hole ID: 1008463717
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/17/2020
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 537006.00
North83: 4854452.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008463839
Layer: 1
Color: 6
General Color: BROWN
Material 1: 06
Material 1 Desc: SILT
Material 2: 34
Material 2 Desc: TILL
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008463948
Layer: 1
Plug From: 0.0
Plug To: 4.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008463949
Layer: 2
Plug From: 4.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008463910
Layer: 1

Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008463774
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1008463756
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008463857
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: -3.0
Depth To: 5.0
Casing Diameter: 1.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1008463871
Layer: 1
Slot: 10
Screen Top Depth: 5.0
Screen End Depth: 15.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.559999942779541

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008463757
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID:	1008463889
Diameter:	3.5
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

11	1 of 1	S/230.2	463.9 / 0.00	FIELD WEST OF TUCKER ST lot 29 con 1 ARTHUR ON	WWIS

Well ID:	7369547	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	10/05/2020
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	D7XAYYG2	***Contractor:***	7366
Tag:	A295001	***Form Version:***	9
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	029
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/736\7369547.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/17/2020
Year Completed:	2020
Depth (m):	4.572
Latitude:	43.8417892828166
Longitude:	-80.5373001475571
X:	-80.5372999989014
Y:	43.84178928237293
Path:	736\7369547.pdf

Bore Hole Information

Bore Hole ID:	1008463711	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	537195.00
Code OB Desc:		***North83:***	4854405.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	09/17/2020	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1008463837
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	06
Material 1 Desc:	SILT
Material 2:	34
Material 2 Desc:	TILL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008463908
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008463944
Layer:	1
Plug From:	0.0
Plug To:	4.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008463945
Layer:	2
Plug From:	4.0
Plug To:	15.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008463772
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1008463752
Casing No:	0
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	1008463855
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	-3.0
Depth To:	5.0
Casing Diameter:	1.5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008463869
Layer:	1
Slot:	10
Screen Top Depth:	5.0
Screen End Depth:	15.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.559999942779541

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008463753
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008463887
Diameter:	3.5
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

12	1 of 5	E/240.8	463.2 / -0.69	665 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22030300686	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	15-MAR-22	**Search Radius (km):**	.3

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

Date Received:	03-MAR-22	**X:**	-80.5312749
Previous Site Name:		**Y:**	43.84670752
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	2 of 5	E/240.8	463.2 / -0.69	665 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22030300686	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	15-MAR-22	**Search Radius (km):**	.3
Date Received:	03-MAR-22	**X:**	-80.5312749
Previous Site Name:		**Y:**	43.84670752
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	3 of 5	E/240.8	463.2 / -0.69	665 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22030300686	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	15-MAR-22	**Search Radius (km):**	.3
Date Received:	03-MAR-22	**X:**	-80.5312749
Previous Site Name:		**Y:**	43.84670752
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	4 of 5	E/240.8	463.2 / -0.69	665 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22030300686	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	15-MAR-22	**Search Radius (km):**	.3
Date Received:	03-MAR-22	**X:**	-80.5312749
Previous Site Name:		**Y:**	43.84670752
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	5 of 5	E/240.8	463.2 / -0.69	665 Eliza St Arthur ON N0G 1A0	EHS

Order No:	22030300686	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	RSC Report - Quote	**Client Prov/State:**	ON
Report Date:	15-MAR-22	**Search Radius (km):**	.3
Date Received:	03-MAR-22	**X:**	-80.5312749
Previous Site Name:		**Y:**	43.84670752
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

Unplottable Summary

Total: 14 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Corporation of the Township of Wellington North	Wells Street, Arthur Village	Wellington North ON	
CA	The Corporation of the Township of Wellington North	Wells Street, Arthur Village	Wellington North ON	
CA	ARTHUR VILLAGE	TUCKER STREET	ARTHUR VILL. ON	
CA	JMB HOLDINGS	STREET A ELIZA ST.	ARTHUR VILL. ON	
CA	RURAL NORTH WELLINGTON NEW HOPE NON-PROF	TUCKER ST.	ARTHUR VILL. ON	
CA	ARTHUR VILL.	WELLS ST. NORTH	ARTHUR VILL. ON	
CA	JMB HOLDINGS	STREET A ELIZA STREET	ARTHUR VILL. ON	
CA	RURAL NORTH WELLINGTON NEW HOPE NON-PROF	TUCKER ST.	ARTHUR VILL. ON	
CA	ARTHUR VILLAGE	TUCKER STREET	ARTHUR VILL. ON	
CA	ARTHUR VILL.	WELLS ST. N.	ARTHUR VILL. ON	
CA	ARTHUR VILL. 3-1256-88-006	300 M. E. OF ELIZA ST.	ARTHUR VILL. ON	
SPL		Line 2, West Lurther, East of County Rd. 14<UNOFFICIAL>	Wellington North ON	
SPL		Wellington Rd 14, South of Gordon Ville	Wellington North ON	
WWIS		con 2	ON	

Unplottable Report

Site: ***The Corporation of the Township of Wellington North***
Wells Street, Arthur Village Wellington North ON

Database: ***CA***

Certificate #:	3-1256-88-908
Application Year:	2005
Issue Date:	6/28/2005
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***The Corporation of the Township of Wellington North***
Wells Street, Arthur Village Wellington North ON

Database: ***CA***

Certificate #:	3-1256-88-908
Application Year:	2004
Issue Date:	7/27/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ARTHUR VILLAGE***
TUCKER STREET ARTHUR VILL. ON

Database: ***CA***

Certificate #:	7-0591-89-
Application Year:	89
Issue Date:	6/5/1989
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***JMB HOLDINGS***
STREET A ELIZA ST. ARTHUR VILL. ON

Database: ***CA***

Certificate #:	7-0472-89-

Application Year:	89
Issue Date:	7/18/1989
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***RURAL NORTH WELLINGTON NEW HOPE NON-PROF***
TUCKER ST. ARTHUR VILL. ON

Database: ***CA***

Certificate #:	7-0821-89-
Application Year:	89
Issue Date:	6/9/1989
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ARTHUR VILL.***
WELLS ST. NORTH ARTHUR VILL. ON

Database: ***CA***

Certificate #:	7-1820-88-
Application Year:	88
Issue Date:	12/2/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***JMB HOLDINGS***
STREET A ELIZA STREET ARTHUR VILL. ON

Database: ***CA***

Certificate #:	3-0534-89-
Application Year:	89
Issue Date:	7/18/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***RURAL NORTH WELLINGTON NEW HOPE NON-PROF***
TUCKER ST. ARTHUR VILL. ON

Database: ***CA***

Certificate #:	3-0963-89-
Application Year:	89
Issue Date:	6/9/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ARTHUR VILLAGE***
TUCKER STREET ARTHUR VILL. ON

Database: ***CA***

Certificate #:	3-0663-89-
Application Year:	89
Issue Date:	6/5/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ARTHUR VILL.***
WELLS ST. N. ARTHUR VILL. ON

Database: ***CA***

Certificate #:	3-2150-88-
Application Year:	88
Issue Date:	12/2/1988
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***ARTHUR VILL. 3-1256-88-006***
300 M. E. OF ELIZA ST. ARTHUR VILL. ON

Database: ***CA***

Certificate #:	8-2214-89-
Application Year:	89
Issue Date:	8/10/1990
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

Client City:
Client Postal Code:
Project Description: PROJ. #3-0680 S.T.P.
Contaminants:
Emission Control:

Site: ***Database:*** ***SPL***

Line 2, West Lurther, East of County Rd. 14<UNOFFICIAL> Wellington North ON

Ref No:	3007-6H7UXH	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	10/15/2005	***Discharger Report:***	0
Dt MOE Arvl on Scn:		***Material Group:***	Waste
MOE Reported Dt:	10/15/2005	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Guelph
Nearest Watercourse:
Site Name: Line 2, West Lurther, East of County Rd. 14<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Wellington North
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event:
Environment Impact: Possible
Nature of Impact:
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: LIQUID MANURE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason:
Incident Summary: Line 2, West Luther, liquid manure splashed onto car
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Manure/Nutrient hauling Equipment
SAC Action Class: Pollution Incident Reports (PRI¿s) and ¿Other¿ calls
Call Report Locatn Geodata:

Site: ***Database:*** ***SPL***

Wellington Rd 14, South of Gordon Ville Wellington North ON

Ref No:	6568-98NQ3D	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	14-JUN-13	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	14-JUN-13	***Health/Env Conseq:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:

Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	East Side Rd<UNOFFICIAL>
Site Address:	Wellington Rd 14, South of Gordon Ville
Site Region:	
Site Municipality:	Wellington North
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Unknown / N/A
Incident Event:	
Environment Impact:	Not Anticipated
Nature of Impact:	Soil Contamination
Contaminant Qty:	3000 L
System Facility Address:	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	99
Contaminant Name:	WATER
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Incident Reason:	Unknown / N/A
Incident Summary:	Farmer: Well Water to grnd clng
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Spray Vessel/Equipment
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	

Site: ***Database:***
con 2 ON ***WWIS***

Well ID:	6714396	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	03/11/2003
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	237016	***Contractor:***	3406
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ARTHUR TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10542241	***Elevation:***	
DP2BR:		***Elevrc:***	

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/04/2002
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932921808
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 74
Material 3 Desc: LAYERED
Formation Top Depth: 58.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932921812
Layer: 7
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 119.0
Formation End Depth: 139.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932921806
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 29
Material 2 Desc: FINE GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932921807
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	86
Material 3 Desc:	STICKY
Formation Top Depth:	11.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932921810
Layer:	5
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	06
Material 2 Desc:	SILT
Material 3:	29
Material 3 Desc:	FINE GRAVEL
Formation Top Depth:	70.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932921809
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	64.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932921811
Layer:	6
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	66
Material 2 Desc:	DENSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	97.0

Formation End Depth: 119.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933240152
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966714396
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11090811
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930779056
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 132.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933405591
Layer: 1
Slot: 040
Screen Top Depth: 133.0
Screen End Depth: 136.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996714396
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 65.0
Pumping Rate: 60.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935136237
Test Type:
Test Duration: 60
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934350716
Test Type:
Test Duration: 15
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934875178
Test Type:
Test Duration: 45
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934614162
Test Type:
Test Duration: 30
Test Level: 28.0
Test Level UOM: ft

Water Details

Water ID: 934036017
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 119.0
Water Found Depth UOM: ft

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-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-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 -Nov 2023

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-Mar 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 - Mar 31, 2024

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Aug 2023

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-Mar 31, 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 - Mar 31, 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-Mar 31, 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-Mar 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: 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, 2022

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-Mar 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 2021

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: 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 NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020: 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: Sep 2020

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-Feb 29, 2024

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Aug 2023

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 - Mar 31, 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-Mar 31, 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: Sep 2020

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: Sep 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Mar 31, 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-Apr 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

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 2023

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Mar 31, 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 F

City Directory Records

ERIS

CITY DIRECTORY

Project Property:	*Phase One ESA - South of Wells street and Eliza street intersection* *South of Wells st and Eliza st intersection* *Arthur,ON N0G 1A0*
Project No:	*101764.038(4)*
Requested By:	*GEMTEC Consulting Engineers and Scientists Limited (Ontario)*
Order No:	*24060400346*
Date Completed:	*June 18, 2024*

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

June 18, 2024
RE: CITY DIRECTORY RESEARCH
South of Wells st and Eliza st intersection
Arthur,ON N0G 1A0

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

490-665 of Eliza Street

8560-8575 of Wellington County Road 14

Search Notes:

While Wells Street falls within the requested radius, it has no civic addresses available to report.
Arthur ON is last listed in 2012

Search Results Summary

Data from 2012 to 2021 does not include residential information

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	

2021 ELIZA STREET

SOURCE: DIGITAL BUSINESS DIRECTORY

490 **COTTON'S AUTO CARE CTR**...*AUTOMOBILE UNDERCOATING & RUSTPROOFING*

490 **KROWN RUST CONTROL CTR**...*AUTOMOBILE UNDERCOATING & RUSTPROOFING*

2021 WELLINGTON COUNTY ROAD 14

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2017 ELIZA STREET

SOURCE: DIGITAL BUSINESS DIRECTORY

490 **COTTON'S AUTO CARE CTR**...*AUTOMOTIVE GLASS REPLACEMENT SHOPS*
490 **KROWN RUST CONTROL CTR**...*AUTOMOTIVE GLASS REPLACEMENT SHOPS*

2017 WELLINGTON COUNTY ROAD 14

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 ELIZA STREET
SOURCE: DIGITAL BUSINESS DIRECTORY

490 **COTTON'S AUTO CARE CTR...** *AUTOMOTIVE GLASS REPLACEMENT SHOPS*

2012 WELLINGTON COUNTY ROAD 14
SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

APPENDIX G

TSSA Records

From:	Public Information Services
To:	Avery Markle
Subject:	RE: TSSA Request - South of Wells St and Eliza St - 101764.038(4)
Date:	Tuesday, June 18, 2024 2:52:52 PM
Attachments:	image001.png image002.png image003.png image004.png image005.png image006.png

---

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks 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,

Kimberly Gage | Public Information & Records Agent
Public Information
345 Carlingview Drive

Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org

Winner of 2024 5-Star Safety Cultures Award

From: Avery Markle <avery.markle@gemtec.ca>
Sent: Tuesday, June 18, 2024 12:24 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Request - South of Wells St and Eliza St - 101764.038(4)

[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,

Could you please check your records for the following location in Arthur, ON, and let me know if you have anything on file relating to fuel storage:

- Lot 29, Concession 1, Arthur

Please find attached a drawing of our project area boundary. The project zone does not currently have an address listed for it. Only the Lot and Concession numbers listed above were given.

Regards,
Avery

Avery Markle

Field Technician

Barrie, ON

705-928-0900 | www.gemtec.ca

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

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APPENDIX H

FOI Records

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

June 4, 2024

Curtis Moorhouse
GEMTEC Consulting Engineers and Scientists
44 Cedar Pointe Drive
Barrie, Alberta L4N 5R7
curtis.moorhouse@gemtec.ca

Dear Curtis Moorhouse:

RE: **MECP FOI A-2024-03622 / Your Reference 101764.038(4) – Acknowledgement Letter**

The Ministry is in receipt of your request made pursuant to the Freedom of Information and Protection of Privacy Act. **The search will be conducted on the following:**

Lot 29 Concession 1, Arthur

If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

If you have any questions, please contact Lia Delange at lia.delange@ontario.ca.

Yours truly,

Lia Delange
MECP Access and Privacy Office

APPENDIX I

Aerial Photographs

HISTORICAL AERIALS

Project Property: Phase One ESA - South of
Wells street and Eliza street intersection
South of Wells st and Eliza st intersection
Arthur ON N0G 1A0

Project No: 101764.038(4)

Requested By: GEMTEC Consulting Engineers and Scientists Limited (Ontario)

Order No: 24060400346

Date Completed: June 10,2024

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

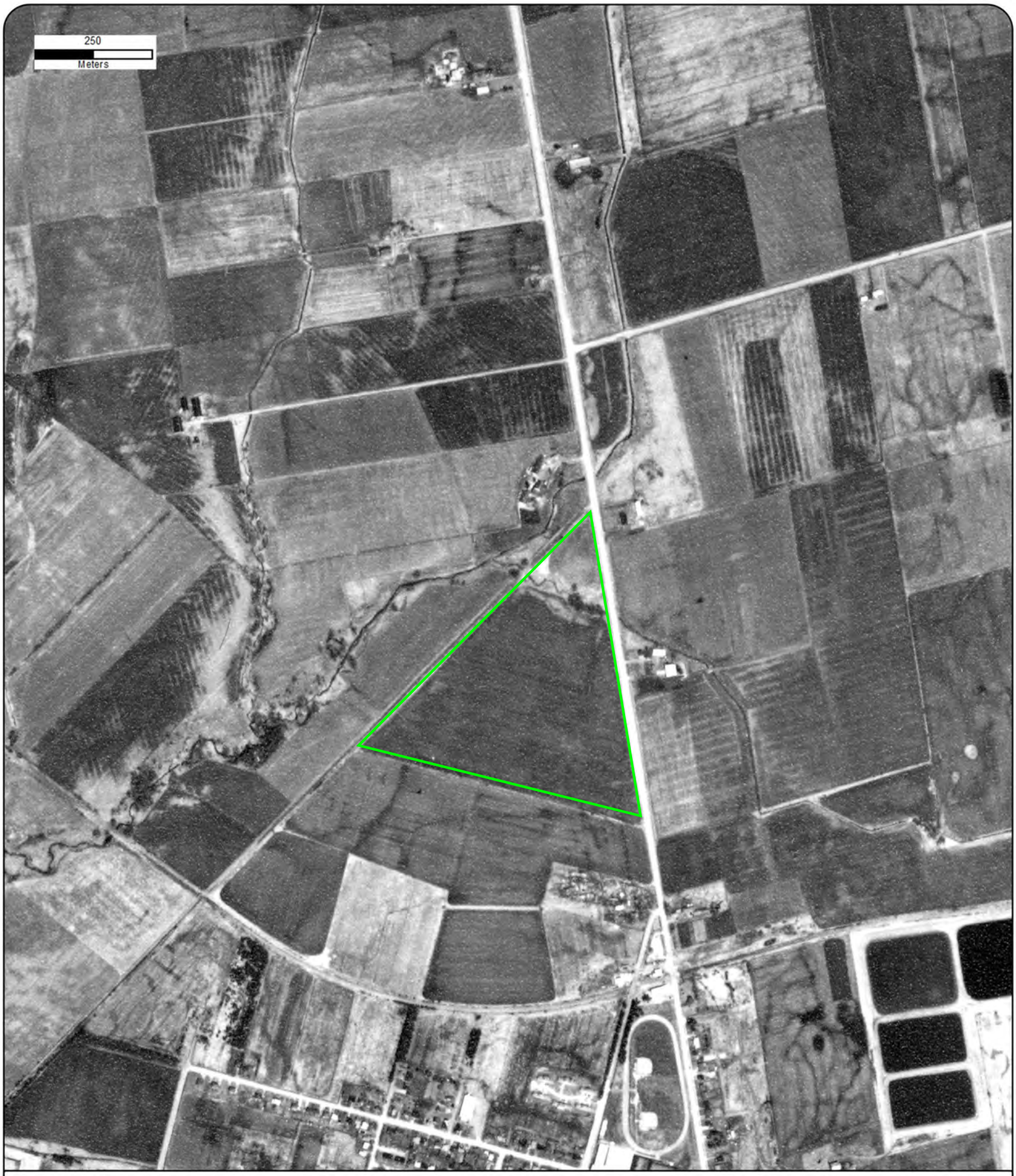
Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2023	Maxar Technologies	10,000	
1990	National Air Photo Library	10,000	
1980	National Air Photo Library	10,000	
1976	National Air Photo Library	10,000	
1969	National Air Photo Library	10,000	
1954	Hunting Survey Corporation Limited	10,000	Best Copy Available

Year: 2023
Source: MAXAR
Scale: 10,000
Comment:

Address: South of Wells st and Eliza st intersection,
Arthur, ON
Approx Center: -80.53755935,43.84582958

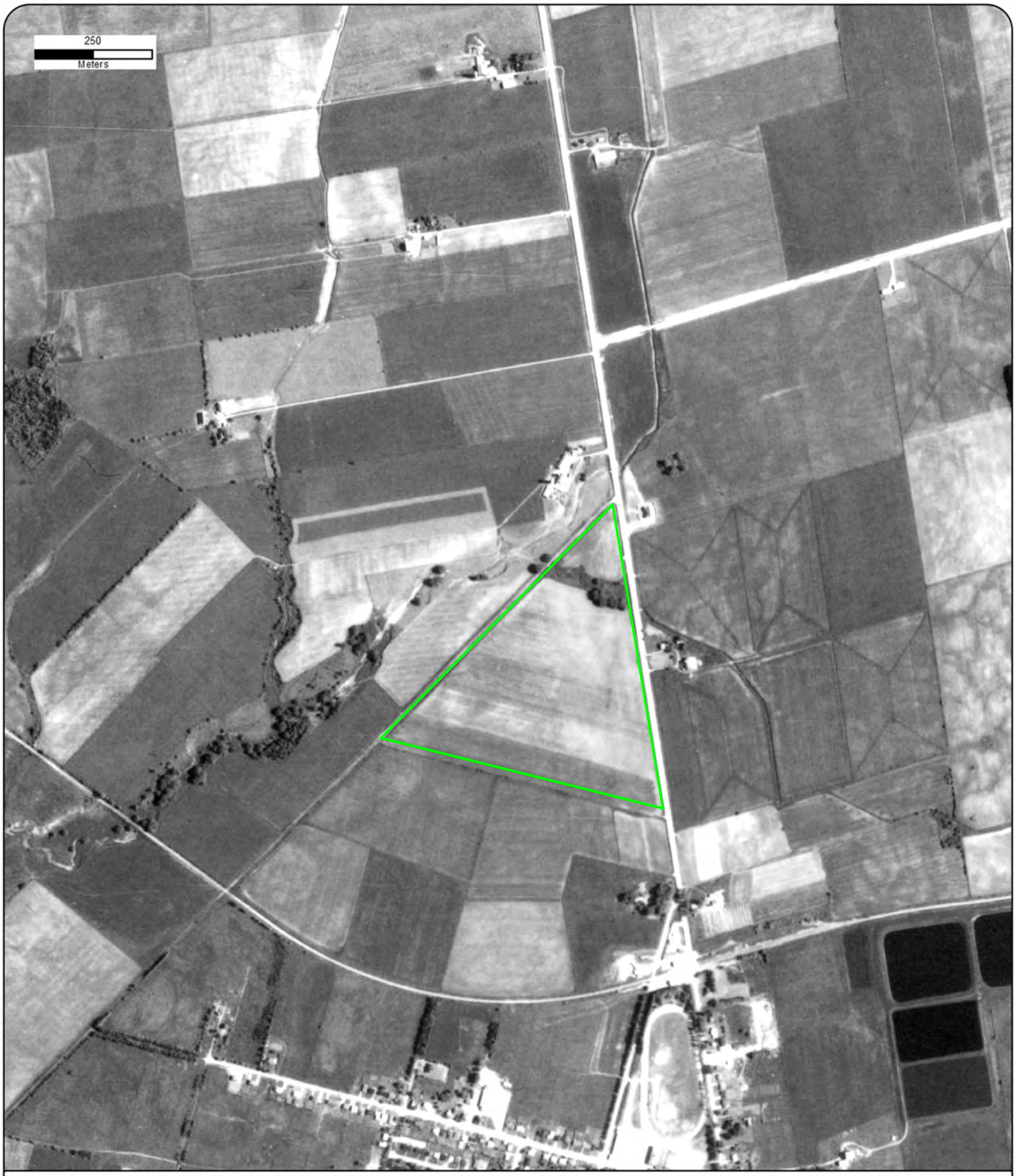
Order No: 24060400346



Year: 1990
Source: NAPL
Scale: 10,000
Comment:

Address: South of Wells st and Eliza st intersection,
Arthur, ON
Approx Center: -80.53755935,43.84582958

Order No: 24060400346



Year: 1980
Source: NAPL
Scale: 10,000
Comment:

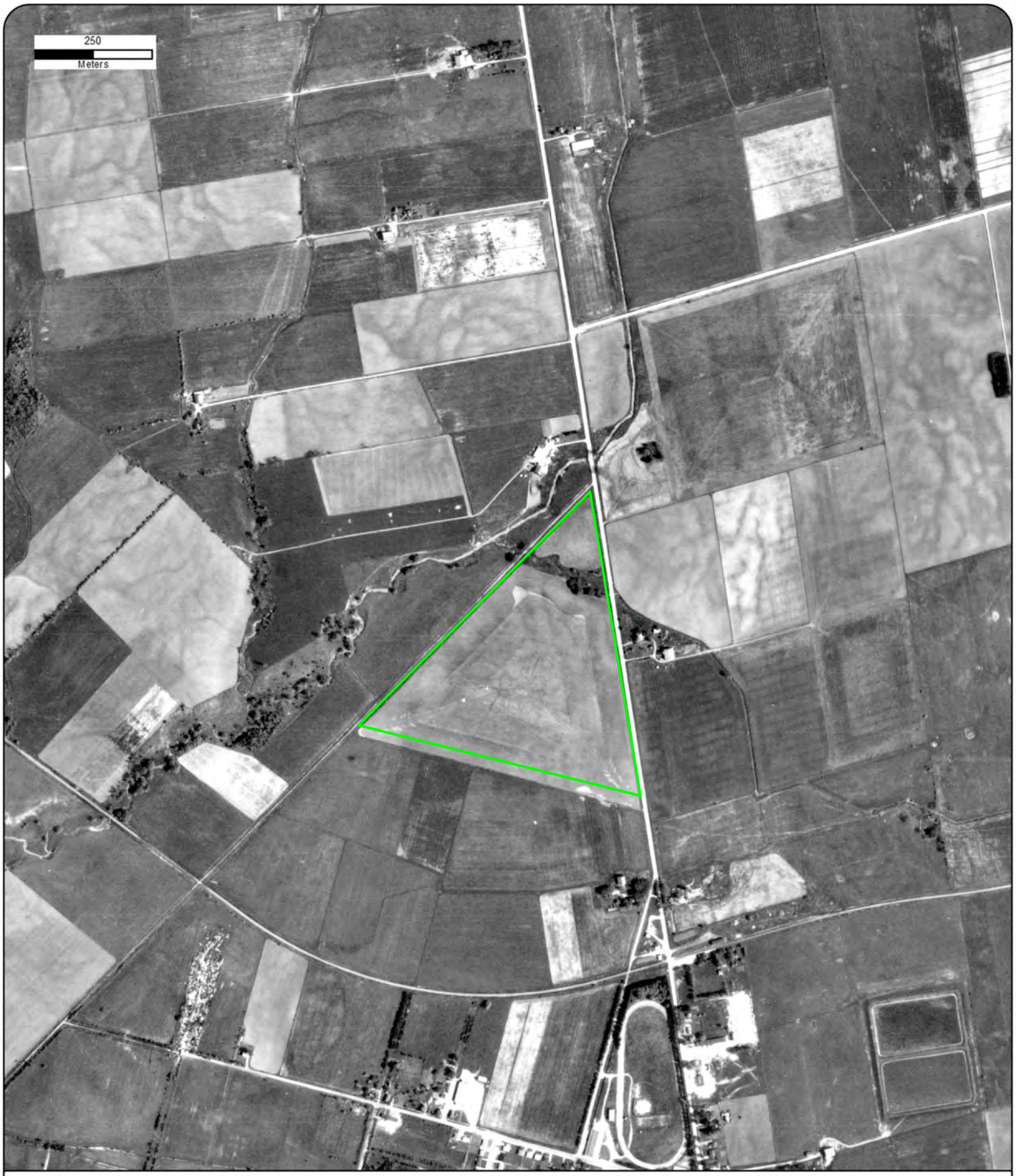
Address: South of Wells st and Eliza st intersection,
Arthur, ON
Approx Center: -80.53755935,43.84582958

Order No: 24060400346

Year: 1976
Source: NAPL
Scale: 10,000
Comment:

Address: South of Wells st and Eliza st intersection,
Arthur, ON
Approx Center: -80.53755935,43.84582958

Order No: 24060400346



Year: 1969
Source: NAPL
Scale: 10,000
Comment:

Address: South of Wells st and Eliza st intersection,
Arthur, ON
Approx Center: -80.53755935,43.84582958

Order No: 24060400346

Year: 1954
Source: HSC
Scale: 10,000
Comment: Best Copy Available

Address: South of Wells st and Eliza st intersection, Arthur, ON
Approx Center: -80.53755935,43.84582958

Order No: 24060400346

APPENDIX J

Site Photographs

Photograph J1 – General view of Site, looking southwest.

Photograph J2 – General view of Site, looking east.

GEMTEC Consulting Engineers and Scientists	Project Phase One Environmental Site Assessment South of Wells Street and Eliza Street Intersection Arthur, Ontario	**Appendix J** File No. 101764.038	**Site Photographs**

Photograph J3 – Eliza Street, looking north.

Photograph J4 –Southern adjacent agricultural field, looking south.

Photograph J5 – Vegetation surrounding Farleys Creek tributary, looking north.

Photograph J6 – Farleys Creek Tributary, looking northwest.

Photograph J7 – View of stockpiles on aggregate supplier's property from southern boundary of Site, looking south.

Photograph J8 – View of 8566 Wellington Road 14 and possibly the 1,589 m^3 concrete storage tank used for the storage and transfer of liquid non-hazardous waste. Looking northwest from Wells Street.

Photograph J9 – Wells Street, looking northeast.

Photograph J10 – Wells Street, looking southwest.

experience • knowledge • integrity

civil	civil
geotechnical	géotechnique
environmental	environnement
structural	structures
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

expérience • connaissance • intégrité