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CONSULTING

LANKOR HORIZONS INC.

Phase I Environmental Site Assessment

0 Wyandotte Street East, Windsor, Ontario



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Executive Summary

Dillon Consulting Limited (Dillon) was retained by Lankor Horizons Inc. (Lankor) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at Wyandotte Street East and Florence Avenue (referred to as 0 Wyandotte Street East), in Windsor, Ontario. The location of the site is shown on Figure 1. It is understood that Lankor has purchased the site and the Phase I ESA is being completed for due diligence purposes as part of the financing requirements requested from lenders.

The Phase I ESA was completed following elements of the Canadian Standards Association (CSA) Standard Z768-01 for conducting a Phase I ESA (CSA, 2001, reaffirmed 2016) and included a records review, a walk-through visual examination of the Site, interviews with knowledgeable persons, and reporting of the findings.

The Phase I ESA did not identify any actual environmental sources of contamination at the site; however, potential sources of contamination to both soil and groundwater were identified and include the following:

On-Site Potential Sources of Contamination

- Aerial photographs and interview comments appear to indicate that the site previously operated as an orchard, from approximately the 1940s to the early 2000s. The historical use of the site as an orchard represents a potential for environmental concern, as pesticides use (containing arsenic and lead) has the potential to impact soil quality at the site.

Off-Site Potential Sources of Contamination

- None.

Other Considerations

- None.

Findings/Recommendations

- In order to assess the potential impacts to soil from the former orchard operations at the site, a soil sampling program is recommended.

1.0 Introduction

1.1 Purpose

Dillon Consulting Limited (Dillon) was retained by Lankor Horizons Inc. (Lankor) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at Wyandotte Street East and Florence Avenue (referred to as 0 Wyandotte Street East), in Windsor, Ontario. The location of the site is shown on Figure 1. It is understood that Lankor has purchased the site and the Phase I ESA is being completed for due diligence purposes as part of the financing requirements requested from lenders.

1.2 Objectives and Scope of Work

The objective of the Phase I ESA was to assess whether the site might be subject to actual or potential environmental contamination. Contamination is defined as “the presence of a substance of concern, or a condition, in concentrations above appropriate pre-established criteria in soil, sediment, surface water, groundwater, air, or structures” (CSA, 2001).

To fulfill the Phase I ESA objective, the following scope of work was undertaken:

- Review of historical and current records that were reasonably attainable for the site and surrounding area;
- A site visit to observe the site and surrounding properties;
- Interviews of persons knowledgeable with respect to past and current uses of the site and/or adjacent properties; and
- Evaluation of the findings and documentation.

1.3 Standards and Limiting Conditions

The Phase I ESA was conducted following elements of the Canadian Standards Association (CSA) Standard Z768-01 (R2016) for conducting a Phase I ESA (CSA, 2001) and included a records review, a walk-through visual examination of the site, and interviews with knowledgeable persons, and reporting of the findings. The Phase I ESA was not conducted to support the filing of a Record of Site Condition (RSC), under Ontario Regulation 153/04. In addition, Phase I ESAs do not include sample collection, analysis, or measurements, and are not intended to be a definitive investigation of contamination or other environmental concerns at the site.

2.0

Methodology

This section describes the methods used to conduct the historical records review, site visit and interview activities.

2.1

Records Review

The records review consisted of requesting and then reviewing information available from Lankor, government, public and other agencies or parties. Information was reviewed from the following sources, if available at the time of reporting:

Agencies

- Ministry of the Environment, Conservation and Parks (MECP) – Freedom of Information (FOI) Office; and
- Technical Standards and Safety Authority (TSSA).

Information Source Documents and Publications

- City of Windsor for zoning maps, aerial photography and property information;
- Environmental Risk Information Services Ltd. (ERIS) Environmental Databases, including city directories, historical title search and historical aerial photographs;
- Opta Environmental Services for fire insurance plans, inspection reports and site plans;
- MECP Water Well Record Database;
- Essex Region/Chatham-Kent Regional Groundwater Study;
- Soil Map of Kent County, Soil Survey Report No. 3;
- Chapman and Putnam for The Physiography of Southern Ontario; and
- Google OGS Earth.

ERIS is a commercial information service for searching federal, provincial, and private databases for information that may be relevant to a Phase I ESA. Descriptions of the search radius and each of the databases searched by ERIS are presented in their report.

Topographic mapping, geological and hydrogeological reports, maps, and water well records available to Dillon were also consulted to obtain a general understanding of the regional hydrogeological setting.

2.2

Site Visit

Matthew Antaya, BSc. and J.P. Baillargeon, P.Eng. of Dillon conducted a site visit on June 11, 2021. Activities conducted during the site visit included:

- Observation of the site grounds, infrastructure, and surrounding land; and
- Observation of adjacent properties (to the extent possible) to assess use, as could be viewed from the site and adjoining public lands.

A photographic record of the site visit is presented in Appendix A.

2.3

Interviews

The interview portion of the Phase I ESA consisted of requesting that Lankor identify the available person(s) thought to be most knowledgeable of the history and operations of the site and adjacent lands.

An interview was conducted with Tracy Pillon Abbs, who is a planner who was hired by the previous property owner, to obtain information relevant to the environmental condition of the site. Information obtained during the interview with Tracy is summarized in **Section 3.6** of this report.

3.0

Phase I ESA Findings

This section presents and discusses the findings of the Phase I ESA. A summary of the environmental issues that were identified is presented in **Section 4**. Report figures are presented following the main text.

3.1

Site Location and General Description

The site is located at 0 Wyandotte Street East, at the intersection of Wyandotte Street East and Florence Avenue. The site consists of an irregularly-shaped 3.4 hectare parcel of vacant/overgrown land. The site location is presented on Figure 1 and a site plan is presented as Figure 2. The site is owned by Ganatchio Gardens Inc. (a subsidiary of Lankor).

The legal description of the site consists of the following:

- PART LOT 138, CONCESSION 1 AS IN R1158427, SAVE EXCEPT PART 1, PL 12R22261; WINDSOR.

According to the City of Windsor By-law 8600, the site is zoned as Residential District (RD). Surrounding properties are zoned Green District (GD) or RD.

Properties located adjacent to the site currently include:

- North: Wyandotte Street East, followed by residential, park and institutional land use.
- East: Residential land use, followed by agricultural land use.
- South: Park (Little River Corridor), followed by residential land use.
- West: Park (Ganatchio Trail – Little River), agricultural land and Little River Pollution Control Plant (located 1.0 km west of property).

3.2

Regional Geology/Hydrogeology

To describe the regional physiography and expected hydrogeological conditions beneath the site, the following documents were reviewed:

- MECP Water Well Record Database;
- Essex Region/Chatham-Kent Regional Groundwater Study;
- Soil Map of Kent County, Soil Survey Report No. 3;
- Chapman and Putnam for The Physiography of Southern Ontario; and
- Google OGS Earth.

The site lies within the physiographic region of Southern Ontario known as the St. Clair Clay Plains. The surficial geology of the area interpreted to be till, consisting of silt and clay massive to well laminated with minor sand and gravel. Soils in the area of the site consist of Clyde Clay, poorly drained, stone free, consisting of a deep black clay over mottled glue-grey clay, slightly acidic to slightly alkaline. The thickness of overburden in the vicinity of the site is inferred to be approximately 35 to 45 m thick. Bedrock geology

mapping for the area indicates that the site is underlain by Devonian aged limestone, dolostone and shale of the Hamilton Group.

The topographic gradient of the land in proximity to the site suggests that the regional groundwater flow direction is likely to the north to northwest towards Little River and the Detroit River. Local shallow groundwater flow is interpreted to be influenced by topography and local drainage features such as storm sewers and ditches. As there are no well records for the Project Area, the water level of the uppermost aquifer is assumed to be relatively similar to the nearest local surface water bodies (i.e. Little River and Detroit River).

3.3 Historical Record Review

3.3.1 Historical Title Search

A chain-of-title search was completed back >50 years for the site by ERIS. The results of the chain-of-title search are summarized in Table 1.

Table 1: Chain of Title Summary for PIN 01596-0820 (LT)

Year	Property Owner
1960-1991	<ul style="list-style-type: none"> • Alfred Chiarotti • John Chiarotti • Italo Chiarotti
1991-2017	<ul style="list-style-type: none"> • Loretta Gladys Chiarotti
2017-2021	<ul style="list-style-type: none"> • VGA Investment Inc.
2021-present	<ul style="list-style-type: none"> • Ganatchio Gardens Inc.

In summary, the historical title search indicated the following:

- The site was owned by the Chiarotti family from 1960 to 2017 and then was transferred to an investment company (VGA Investments).
- The site is currently owned by Ganatchio Gardens Inc.

A copy of the title search record is presented in Appendix B.

3.3.2 City Directories

Since the site does not have a municipal address and properties surrounding the site consist of either residential, agricultural or park lands, no city directories were ordered as part of the Phase I ESA.

3.3.3

Aerial Photographs

Aerial photographs were obtained from ERIS for the years 1952, 1960, 1973, 1986 and 1992, as well as from the City of Windsor Interactive Mapping for the years 2000, 2006, 2010, 2015 and 2019. A summary of the review of available aerial photography is presented in Table 2. It is noted that the scale and resolution of the photographs varied and did not always allow for a detailed evaluation of surface conditions at the site or adjacent properties.

Table 2: Aerial Photography Review Summary

Year	Source	Observations
1952	ERIS	<ul style="list-style-type: none"> The site appears to consist of agricultural land. The surrounding area appears to consist of agricultural land, with some residential land northeast and east of the site.
1960	ERIS	<ul style="list-style-type: none"> The site and surrounding area appears to be similar to the 1952 photograph.
1973	ERIS	<ul style="list-style-type: none"> The site appears to be similar to 1960 photograph, with the exception of several structures that appear to be present on the north side of the property and the presence of orchard-like field on the west portion of the site. The surrounding area appears to be similar to the 1960 photograph, with the exception of additional residential development northeast and east of the site. .
1986	ERIS	<ul style="list-style-type: none"> The site and surrounding area appear to be similar to the 1973 photograph.
1992	ERIS	<ul style="list-style-type: none"> The site appears to be similar to the 1986 photograph. The surrounding area to the north shows signs of the residential neighbourhood being developed as well as a stormwater pond directly to the northwest of the site.
2000	City of Windsor	<ul style="list-style-type: none"> The site appears to be similar to the 1992 photograph. The residential development to the north, now Florence Avenue, is fully developed. More residential neighbourhoods are also noted to the northwest.
2006	City of Windsor	<ul style="list-style-type: none"> The site appears to be similar to the 2000 photograph, with the exception of the removal of the orchard-like field on the west portion of the site. The surrounding properties are generally similar to the 2000 photograph, with the exception of three ponds that are present southwest of the site, as well as signs of parkland development west of the site.
2010	City of Windsor	<ul style="list-style-type: none"> The site and surrounding area appear to be similar to the 2006 photograph.
2015	City of Windsor	<ul style="list-style-type: none"> The site and surrounding area appear to be similar to the 2010 photograph.
2019	City of Windsor	<ul style="list-style-type: none"> The site appears to be similar to the 2015 photograph, with the exception of the removal of the structures in the north area of the property. The surrounding area appears to be similar to the 2015 photograph.

In summary, the review of historical aerial photographs indicated the following:

- The site was used for agricultural purposes since at least 1952;

- It appears that the structures formerly present on the north side of the site were removed in between 2015 and 2019;
- Aerial photographs appear to indicate that the site previously operated as an orchard, from approximately the 1940s to the early 2000s; and
- Other than residential, parkland, and institutional development, there are no signs of surrounding property uses that indicate any potential for environmental concern.

Copies of these aerial photographs are presented in Appendix C.

3.3.4

Fire Insurance Plans and Inspection Reports

Opta Environmental Services (Opta) was retained to conduct a search for Fire Insurance Plans (FIPs), Property Underwriters' Reports, and Property Underwriters' Plans. Opta indicated that two FIP records were available for properties located northeast and east of the site.

A summary of FIPs is provided in Table 3.

Year	Product	Observations
1953	1953 Volume: Windsor Volume 3, Firemap 334	<ul style="list-style-type: none"> • The FIP covers property east of the site, near the intersection of Wyandotte Street East and Elinor Street. • Appears to the presence of a box manufacturing company (Post Paper Box Ltd – Border Specialty Co. Box Mfg.) along the east side of Elinor Street. Coal is noted as the fuel for the facility. • Residential dwellings are present on the east and west sides of Elinor Street.
1953	1953 Volume: Windsor Volume 3, Firemap 334	<ul style="list-style-type: none"> • The FIP covers property northeast of the site, from Wyandotte Street East to Riverside Drive East. • Residential dwellings and two churches are present in this area.

A copy of the Opta report is presented in Appendix D.

3.3.5

Previous Environmental Reports

No previous environmental reports were available for the site.

3.3.6

Client Files

No client files for the site were made available for review during this Phase I ESA.

3.4 Regulatory Agency Files and Databases

3.4.1 Ministry of the Environment, Conservation and Parks

The FOI Coordinator of the MECP was contacted by fax on June 10, 2021 to request historical information regarding environmental infractions, including reported spills, approvals and/or orders issued at the site, and if the lands have been used for waste disposal.

A response from the MECP was not received at the time this report was issued.

A copy of the request is included in Appendix D.

The local MECP offices no longer field requests for Phase I ESAs. In their place, they have made various inventories available on-line for review. A summary of relevant inventories is presented below.

Table 3: Relevant Inventories Summary

MECP Inventory	Site Specific Comments
Hazardous Waste Information Network (HWIN) https://www.hwin.ca	<ul style="list-style-type: none"> The site is not listed as a hazardous waste generator.
Large landfill sites https://www.ontario.ca/page/large-landfill-sites-map	<ul style="list-style-type: none"> No large landfill sites were documented in the vicinity of the site.
Small landfill sites https://www.ontario.ca/environment-and-energy/small-landfill-sites-list	<ul style="list-style-type: none"> No small landfill sites were documented in the vicinity of the site.
Waste Disposal Site Inventory, 1991, Ministry of the Environment	<ul style="list-style-type: none"> Two closed waste disposal sites (X6060 and X6052) were located southwest of the site, but outside the Phase I ESA study area. Based on the location of the former waste disposal sites, they are not considered to represent a potential for environmental concern.
Ontario Inventory of PCB Storage Sites, October 1991, Ontario Ministry of the Environment	<ul style="list-style-type: none"> No records were documented in the vicinity of the site.
Inventory of Coal Gasification Plant Waste Sites, Volume II, 1987, Ontario Ministry of the Environment	<ul style="list-style-type: none"> No records were documented in the vicinity of the site.

MECP Inventory	Site Specific Comments
Other MECP Inventories <ul style="list-style-type: none"> – Municipal Coal Gasification Plant Site Inventory, 1991 – Inventory of Industrial Sites Producing and Using Coal Tar and Related Tars in Ontario, 1991 	<ul style="list-style-type: none"> • No records were documented in the vicinity of the site.

3.4.2 Technical Standards and Safety Authority

The TSSA was contacted by email on June 4, 2021 to request information regarding storage tanks potentially present at the site.

A response to the request was received by email from TSSA on June 4, 2021 indicating that there were no records found for the site.

A copy of the response is included in Appendix D.

3.4.3 Local Municipality

An environmental site audit letter request was submitted to the City of Windsor on June 7, 2021 for the site. A response was received from the City of Windsor on July 16, 2021, indicating that the Engineering Department has no record of any spills or record of the site being used for a former waste disposal site.

A copy of the response is included in Appendix D.

3.4.4 ERIS Databases

ERIS was retained to conduct a search of federal, provincial, and private databases for the site and surrounding area. The primary search radius extended 250 metres from the site. The ERIS report was received on June 9, 2021 and is presented in Appendix E.

The report lists the database records for locations within the primary search radius at various levels of detail. The site diagram in the ERIS report presents a graphical summary of the database search results. It should be noted that the extent of the historical information available varies with each database and the information in the databases is only current to what is publicly available to ERIS. A summary of the records listed for the site and within the 250 metre search radius is provided below according to the specific database.

A summary of relevant records listed within the search radius is presented in Table 4 and 5.

Table 4: Records for the Site

Database	Company Name	Details
No records were found for the site		

Table 5: Records for Surrounding Properties

Database	Description	Address
<i>Borehole</i>	<ul style="list-style-type: none"> Three borehole logs available and completed by Geological Survey of Canada. Purpose for Geotechnical/ Geological Investigation. 	<ul style="list-style-type: none"> No addresses provided. Two of the boreholes located at Little River to the South and one borehole located east of the property near Clover Street.
<i>Pipeline Incident</i>	<ul style="list-style-type: none"> Enbridge Gas Inc. 	<ul style="list-style-type: none"> 729 Clover Avenue, Windsor
<i>ERIS Historical Searches</i>	<ul style="list-style-type: none"> Custom Report 	<ul style="list-style-type: none"> 10200 Mernard Street, Windsor

Additional details are presented in the detailed ERIS Database Report included in Appendix E. Based on the findings of the ERIS search, the following comments are provided:

Site:

- No records were found for the site.

Off-Site:

- Records available in the Phase I ESA study area did not identify any potential sources of environmental concern.

3.5 Site Visit

A site visit was completed on June 10, 2021, to identify visual or other physical evidence of actual or potential impacts from current or historical site use, as well as surrounding land uses. Photographs of the site taken during the site visit are included in Appendix A.

3.5.1 Site Description

The site is located at 0 Wyandotte Street East, at the intersection of Wyandotte Street and Florence Avenue. The site consists of an irregularly-shaped 3.4 hectare parcel of vacant/overgrown land. The site location is presented on Figure 1 and a site plan is presented as Figure 2. No buildings or structures were observed at the site. The site has a generally flat topography and appears to be at a similar elevation to surrounding properties.

3.5.2	Site Services and Utilities
	Based on site observations, no utility services are present at the site. Utility services are present along Wyandotte Street East.
3.5.3	Heating and Cooling System
	As no buildings are present at the site, no heating or cooling systems are present.
3.5.4	Potable Water Supply and Wastewater Management
	Based on site observations, no municipal water supply or water supply wells are present at the site As no buildings are present at the site, wastewater is not generated.
3.5.5	Storage Tanks
	No evidence of ASTs or USTs were observed at the site at the time of site visit. No records of tank use were identified in the ERIS report or TSSA records request.
3.5.6	Mechanical Equipment
	No mechanical equipment was observed at the site. Old farm equipment, including a sprayer, was observed adjacent to the southeast corner of the site.
3.5.7	Drains and Sumps
	As no building is present at the site, no drains or sumps were observed.
3.5.8	Special Attention Items
	Materials such as asbestos, polychlorinated biphenyls (PCBs), lead, ozone depleting substances (ODS), mercury, urea formaldehyde foam insulation (UFFI), radon, excess noise and electric/magnetic fields may be of special significance, if present, because of the heightened public concern regarding their use.
3.5.8.1	Polychlorinated Biphenyls
	PCBs are a man-made compound first manufactured in 1929 and used extensively until the late 1970s as a dielectric fluid in transformers, motor capacitors and lighting ballasts. Although current legislation prohibits the manufacture and sale of new equipment containing PCBs (effective 1980), continued operation of equipment supplied prior to this date and containing PCBs is still permitted. Ballasts manufactured prior to 1980 are assumed to contain PCBs. As no buildings are present at the site, PCB-containing equipment is not present.

3.5.8.2

Asbestos Containing Materials (ACM)

Due to its excellent insulating properties and fire retardant properties, asbestos and ACM were frequently used in building materials from the 1920s to the late 1970s. Uses included, but were not limited to: insulation, flooring, fire rated doors, gaskets, siding and roofing materials, drainage piping and wallboard. The use of friable ACM generally ceased in the late 1970s. However, asbestos may be present in materials (e.g., floor tiles, gaskets, automobile brake pads and clutches) manufactured after the 1970s. The health risk associated with asbestos occurs when asbestos fibres are released from various materials into ambient air.

As no buildings are present at the site, asbestos-containing building materials are not present.

3.5.8.3

Lead

Paint manufacturers historically added heavy metals, including lead, to paint, because of their desirable properties such as rust prevention or as a bactericide. In 1976, Canadian regulators established the Hazardous Materials Product Act - Liquid Coating that limited the amount of lead in interior paint to 0.5%. In 1990, an industry agreement ceased the use of lead in exterior paint. Subsequent to this, the Surface Coating Materials Regulations were promulgated (in 2005), reducing the allowable lead content of interior paints to 0.06% (600 ppm). Other historical uses of lead in buildings include, but are not limited to, water pipes, pipe fitting solder, roof flashings, equipment and column base pads and concrete anchors.

As no buildings are present at the site, high-concentration lead paints are not present.

3.5.8.4

Mercury

As no buildings are present at the site, mercury-containing equipment is not present.

3.5.8.5

Ozone Depleting Substances (ODS)

ODS such as chlorofluorocarbons (CFCs) are manufactured compounds used in a variety of applications such as air-conditioning coolants, industrial solvents, foam products, fire suppressants etc. Each province in Canada has passed legislation requiring mandatory recovery and reclamation of refrigerants during the maintenance of air-conditioning equipment.

As no buildings are present at the site, ODS-containing equipment is not present.

3.5.8.6

Urea Foam Formaldehyde Insulation (UFFI)

UFFI was developed in Europe in the 1950s. It was used in Canada, primarily between 1977 and 1980, when it was banned from use.

As no buildings are present at the site, UFFI is not present.

3.5.8.7

Radon

Radon is produced due to the natural decay of radium from some soil and rock types. Radon gas may be a concern in buildings if there is a poorly ventilated space for gas to accumulate, such as a basement.

The presence/absence of significant levels of radon can only be determined through testing. Tests for radon were not conducted during this Phase I ESA.

3.5.8.8

Noise

During the site visit, excessive noise was not observed at the site.

3.5.8.9

Magnetic Fields

Infrastructure that presents a potential concern for electric/magnetic fields (e.g., large electrical transmission lines/corridors) was not observed on or adjacent to the site during the site visit.

3.5.9

Chemical Hazardous Materials Management

No chemicals or hazardous materials were observed at the site.

3.5.10

Unidentified Substances

No unidentified substances were observed at the site.

3.5.11

Solid Waste Management

As there are no buildings or operations at the site, wastes are not generated.

No evidence of waste burial, including suspect mounds or depressions, was observed at the site.

Two piles of wood scrap were observed along the south boundary of the site (in the southeast and southwest corners). The wood scrap appears to have been associated with former agricultural buildings and structures formerly used at the site.

Two tires were observed in the northeast corner of the site, likely a result of dumping from the public.

No evidence of waste burning was observed.

3.5.12

Fill Materials

No evidence of fill materials, including changes in elevation, mounds or building materials (i.e., bricks, concrete, etc.) in soil, was observed at the site.

3.5.13	Spills, Stained Areas and Stressed Vegetation
	<p>No areas of staining or evidence of spills were observed at the site.</p> <p>No areas of stressed vegetation were observed at the site during the site visit.</p>
3.5.14	Pits and Lagoons
	No pits or lagoons were observed at the site during the site visit.
3.5.15	Watercourses, Ditches or Standing Water
	Ditches were noted along the southern boundary and in the south middle portion of the site, running north-south along the trees. The discharge location or flow direction of the ditches are not known. The ditches were dry at the time of the site visit.
3.5.16	Air Emissions and Odours
	As the site was vacant, there were no sources of air emissions and odours.
3.5.17	Observation of Adjacent Properties
	<p><u>North</u></p> <ul style="list-style-type: none"> • Wyandotte Street East, followed by residential, park and institutional land use. • No visible evidence of chemical storage areas, fuel storage, pits or lagoons, staining or spills, or fill materials was observed. <p><u>East</u></p> <ul style="list-style-type: none"> • Residential land use, followed by agricultural land use. • No visible evidence of chemical storage areas, fuel storage, pits or lagoons, staining or spills, or fill materials was observed. <p><u>South</u></p> <ul style="list-style-type: none"> • Park (Little River Corridor), followed by residential land use. • No visible evidence of chemical storage areas, fuel storage, pits or lagoons, staining or spills, or fill materials was observed. <p><u>West</u></p> <ul style="list-style-type: none"> • Park (Ganatchio Trail – Little River), agricultural land and Little River Pollution Control Plant (located 1.0 km west of property). • No visible evidence of chemical storage areas, fuel storage, pits or lagoons, staining or spills, or fill materials was observed. <p>Observations documented for neighbouring properties are based solely on a visual inspection from the site.</p>

Interviews

Dillon conducted an interview with Tracy Pillon Abbs, a private freelance planner who was hired by the previous property owner to provide planning services. The following is a summary of the interview:

Interview Comments:

- She has been familiar with the site since approximately 2018;
- The site was an orchard from the late 1940s up to approximately the 1960s;
- Late 20th century buildings were present on-site when the site operated as an orchard;
- Not aware of any spills that have occurred at the site;
- Not aware of any waste dumping, waste buried or waste burning that has occurred at the site;
- Made note of landscaping fill that was observed from an archaeological assessment using test pits in 2018. No location was provided and the report was not available to Dillon for review at the time of the Phase I ESA;
- Not aware of any water supply or oil and gas wells at the site; and
- Not aware of any environmental issues associated with the site or surrounding properties.

Additional information provided from the interview is referenced within the report.

Summary and Conclusions

The Phase I ESA did not identify any actual environmental sources of contamination at the site; however, potential sources of contamination to both soil and groundwater were identified and include the following:

On-Site Potential Sources of Contamination

- Aerial photographs and interview comments appear to indicate that the site previously operated as an orchard, from approximately the 1940s to the early 2000s. The historical use of the site as an orchard represents a potential for environmental concern, as pesticides use (containing arsenic and lead) has the potential to impact soil quality at the site.

Off-Site Potential Sources of Contamination

- None.

Other Considerations

- None.

Findings/Recommendations

- In order to assess the potential impacts to soil from the former orchard operations at the site, a soil sampling program is recommended.

Respectfully Submitted:

DILLON CONSULTING LIMITED



J.P. Baillargeon, P.Eng.
Project Manager/Site Assessor



Limitations

This report was prepared exclusively for the purposes, project, and Site location outlined in the report. The report is based on information provided to, or obtained by Dillon as indicated in the report, and applies solely to Site conditions existing at the time of the assessment. Dillon's report represents a reasonable review of available information within an agreed work scope, schedule, and budget. It is therefore possible that currently unrecognized contamination or potentially hazardous materials may exist at the Site, and that the levels of contamination or hazardous materials may vary across the Site. Further review and updating of the report may be required as local and Site conditions, and the regulatory and planning frameworks, change over time.

This report was prepared by Dillon for the benefit of Lankor Horizons Inc. The material in this report reflects Dillon's judgment in light of the information available to Dillon at the time of preparation. Any use which a third party (i.e., a party other than Lankor Horizons Inc.) makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

References

The Physiography of Southern Ontario, Chapman and Putnam, 1984.

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Essex Region/Chatham-Kent Region Groundwater Study Volume 1: Geologic/Hydrogeologic Evaluation, Essex Region Conservation Authority, 2004.

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Registered HWIN Generators, Ministry of the Environment and Climate Change, https://www.hwin.ca/hwin/oda/manifest/generators_manifest_search.jsp.

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Small Landfill Sites, Ministry of the Environment and Climate Change, <https://www.ontario.ca/environment-and-energy/small-landfill-sites-list>.

Waste Disposal Site Inventory, Ministry of the Environment, 1991.

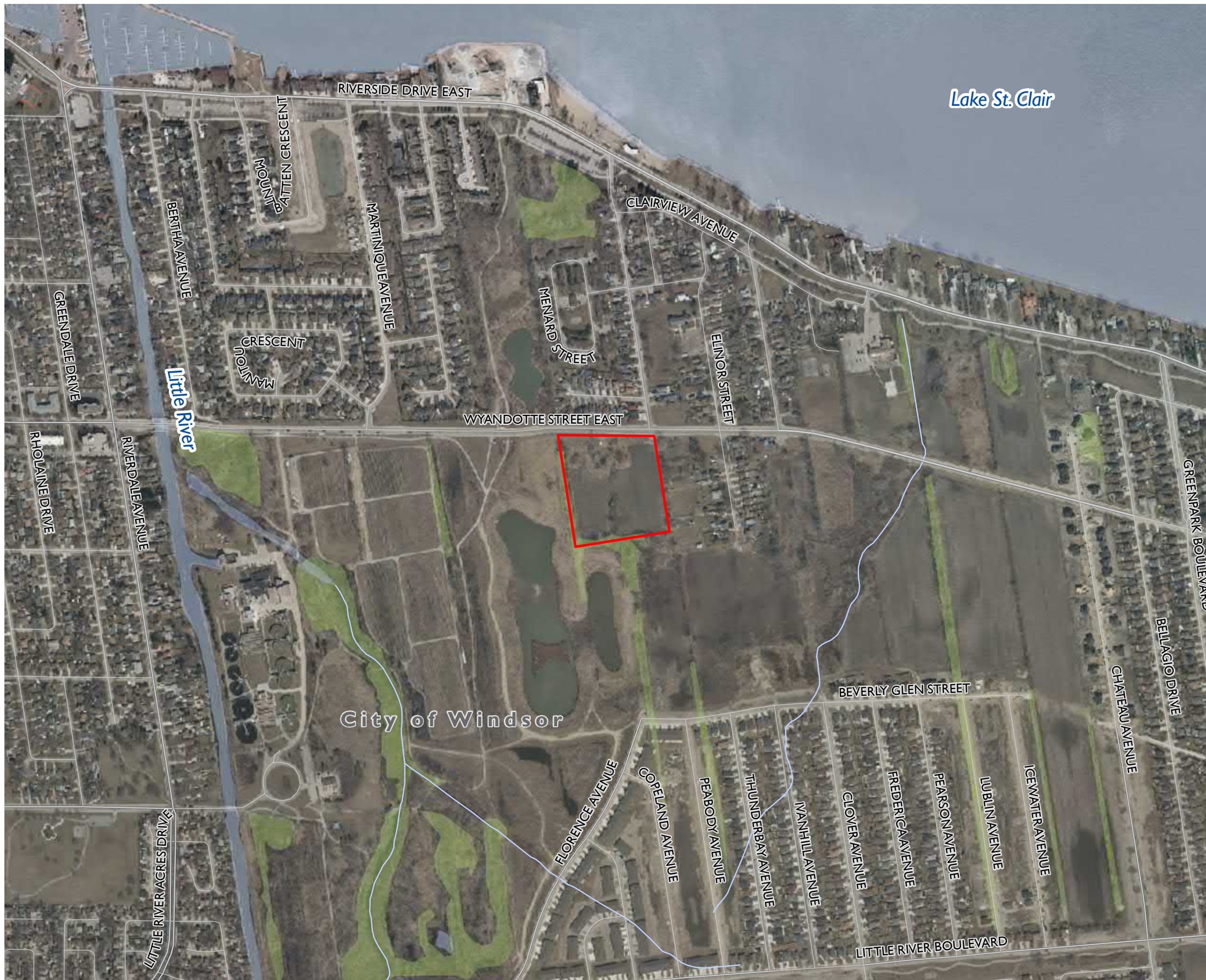
Ontario Inventory of PCB Storage Sites, Ministry of the Environment, 1991.

Inventory of Coal Gasification Plant Waste Sites, Volume II, Ministry of the Environment, 1987.

Qualifications of the Assessors

J.P. Baillargeon, P.Eng. is an Environmental Engineer in the Environmental Management Group at Dillon. He holds a Bachelor's degree in Applied Science - Environmental Engineering Co-operative Education from the University of Windsor (2001) and is a licensed Professional Engineer in the province of Ontario. He has over nineteen years of experience in property assessments (Phase I and II Environmental Site Assessments), site remediation, environmental compliance audits and reporting, environmental management systems, air quality assessments and approvals (emission calculations, dispersion modelling, permit applications), regulatory reporting programs, indoor air quality/industrial hygiene assessments, and designated substance surveys. Mr. Baillargeon has managed numerous projects for industrial, commercial, institutional, and agricultural clients.

Figures

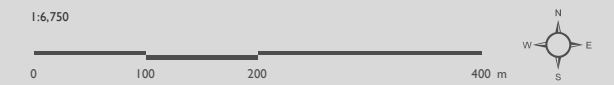


LANKOR HORIZONS INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT

0 WYANDOTTE STREET EAST, WINDSOR
 ONTARIO

FIGURE I
SITE LOCATION

- Site
- Watercourse
- Wooded Area
- Roads
 - Arterial
 - Collector
 - Local



MAP DRAWING INFORMATION:
 DATA PROVIDED BY CITY OF WINDSOR, ESRI, MNRF, & DILLON CONSULTING
 MAP CREATED BY 44PMH
 MAP CHECKED BY MA
 MAP PROJECTION: NAD 1983 UTM Zone 17N



PROJECT: 211691
 STATUS: FINAL
 DATE: 2021-07

LANKOR HORIZONS INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT

0 WYANDOTTE STREET EAST, WINDSOR
ONTARIO

FIGURE 2
SITE PLAN



- Site
- Study Area (250 m buffer)
- Parcels
- Watercourse
- Wooded Area
- Roads
 - Arterial
 - Collector
 - Local

1:2,750



MAP DRAWING INFORMATION:

DATA PROVIDED BY CITY OF WINDSOR, ESRI, MNRF, & DILLON CONSULTING

MAP CREATED BY 44PMH
MAP CHECKED BY MA

MAP PROJECTION: NAD 1983 UTM Zone 17N



PROJECT: 211691
STATUS: FINAL
DATE: 2021-07

Appendix A

Site Photographs

Appendix B - Site Photographs



Picture 01 – Northeast Corner of Site Near Intersection of Wyandotte Street East and Florence Avenue

Picture 02 – Northeast Corner Facing West



Picture 03 – Northeast Corner Facing South

Picture 03 – Stormwater Catch Basin Located on Northeast Corner of Site

Appendix B - Site Photographs



Picture 05 – Northeast Corner of Site Facing East to Adjacent Properties



Picture 06 – Northeast Corner of the Site Facing West



Picture 07 – North Side of Site in the Middle Facing West



Picture 08 – North Side of Site in the Middle Facing Southwest

Appendix B - Site Photographs



Picture 09 – North Side of Site in the Middle Facing North

Picture 10 – Northwest Corner of the Site Facing West



Picture 11 – Wooden Lattice Fence Scrap Located in Small Wooded Area on the North Side of Site

Picture 12 – Tires Located on Northeast Corner of Property

Appendix B - Site Photographs



Picture 13 – Wooden Crates on Adjacent Property at the Northeast Corner



Picture 14 – South Side of Site Facing South to Little River Corridor. Ponds Observed at Adjacent Property



Picture 15 – Southwest Boundary of Site



Picture 16 – Southeast Corner Facing Southern Ditch Filled with Wood Waste

Appendix B - Site Photographs



Picture 17 – Building and Miscellaneous Wood Waste in the Southwest Corner of the Property



Picture 18 – Wood Waste Along the Southern Boundary



Picture 19 – Old Water Drum on Southwest Corner of Site



Picture 20 – Southwest Corner of Site Facing Properties Located Along Elinor Street

Appendix B - Site Photographs



Picture 21 – Building and Tree Wood Waste Located in the Southeast Corner of the Property



Picture 22 – Spray Tank on the Adjacent Property to the East of the Site



Picture 23 – Old Farming Equipment on the Adjacent Property East of the Site



Picture 24 – Along Western Site Boundary Facing North

Appendix B - Site Photographs



Picture 25 – Western Site Boundary Facing Adjacent Properties Along Elinor Street



Picture 26 – Farming Equipment on Adjacent Property East of the Site



Picture 27 – Along Western Site Boundary Facing South



Picture 28 – Along Western Site Boundary Facing West

Appendix B

Title Search

CHAIN OF TITLE REPORT

Project #: 21060400280
 Address: Wyandotte St E @ Florence Av Windsor
 Legal: Part lot 138, Con 1 Riverside
 Description: as in R1158427

Searched at: Windsor
 LRO #: 12

PIN #: 015960820(LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
R228060	Deed	04 10 1960	Charles Malczyk & Milada Malczyk	Alfred CHIAROTTI 1/3 int., John CHIAROTTI 1/3 int., Italo CHIAROTTI 1/3 int
R1158427	Deed	17 04 1991	Italo Chiarotti	Loretta Gladys CHIAROTTI 1/3 int
CE804042	Deed	16 11 2017	Alfred Chiatotti, John Chiarotti & Loretta Gladys Chiarotti	VGA Investment Inc.
CE1009421	Deed (Present Owner)	20 05 2021	VGA Investment Inc.	Ganatchio Gardens Inc.

PROPERTY DESCRIPTION: PT LT 138, CON 1 AS IN R1158427 SAVE AND EXCEPT PT 1, PL 12R22261; WINDSOR

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 01565-8335

PIN CREATION DATE:
2012/10/09

OWNERS' NAMES
GANATCHIO GARDENS INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2012/10/09 **						
**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: 2001/03/26 **						
R228060	1960/10/04	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	CHIAROTTI, ALFRED CHIAROTTI, JOHN CHIAROTTI, ITALO	
R1158427	1991/04/17	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	CHIAROTTI, LORETTA GLADYS	
12R22261	2005/10/04	PLAN REFERENCE				C
12R23795	2009/01/12	PLAN REFERENCE				C
CE804042	2017/11/16	TRANSFER		*** COMPLETELY DELETED *** CHIAROTTI, ALFRED CHIAROTTI, JOHN CHIAROTTI, LORETTA GLADYS	VGA INVESTMENT INC.	
REMARKS: PLANNING ACT STATEMENTS.						
CE1009421	2021/05/20	TRANSFER	\$3,500,000	VGA INVESTMENT INC.	GANATCHIO GARDENS INC.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

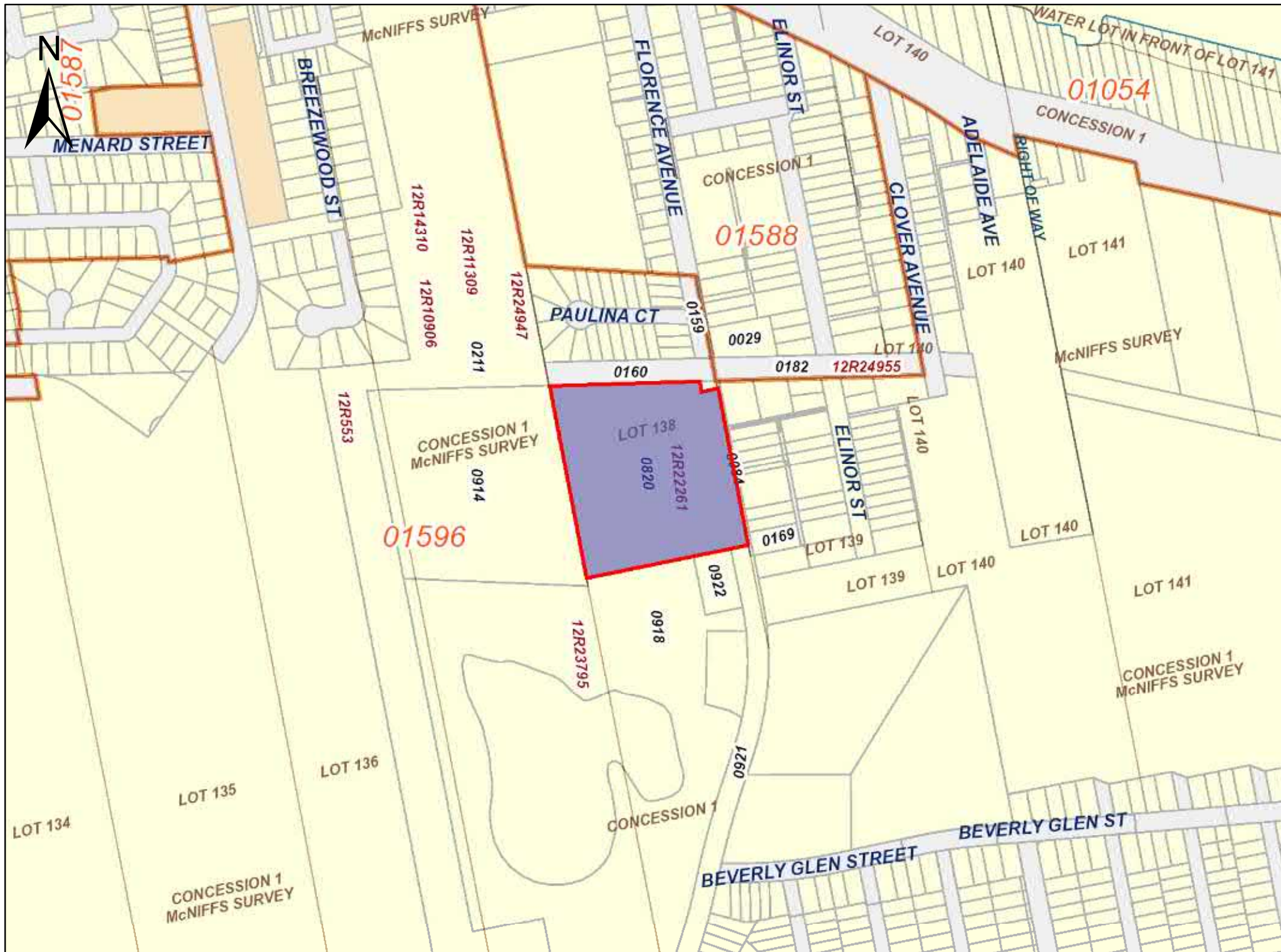
LAND
REGISTRY
OFFICE #12

01596-0820 (LT)

PAGE 2 OF 2
PREPARED FOR bertucci
ON 2021/06/24 AT 09:33:25

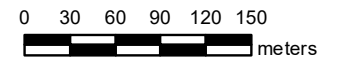
* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
CE1009422	2021/05/20	CHARGE	\$3,000,000	GANATCHIO GARDENS INC.	VGA INVESTMENT INC.	C



PRINTED ON 24 JUN, 2021 AT 09:35:45
FOR BERTUCCI

SCALE



PROPERTY INDEX MAP

ESSEX(No. 12)

LEGEND

- FREEHOLD PROPERTY
- LEASEHOLD PROPERTY
- LIMITED INTEREST PROPERTY
- CONDOMINIUM PROPERTY
- RETIRED PIN (MAP UPDATE PENDING)
- PROPERTY NUMBER 0449
- BLOCK NUMBER 08050
- GEOGRAPHIC FABRIC 12R22261
- 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



Appendix C

Aerial Photographs



HISTORICAL **AERIALS**

Project Property: Lankor-Wyandotte at Florence
Wyandotte Street East and Florence Avenue
Windsor ON

Project No: 21-1691-3000

Requested By: Dillon Consulting Limited

Order No: 21060400280

Date Completed: June 08, 2021

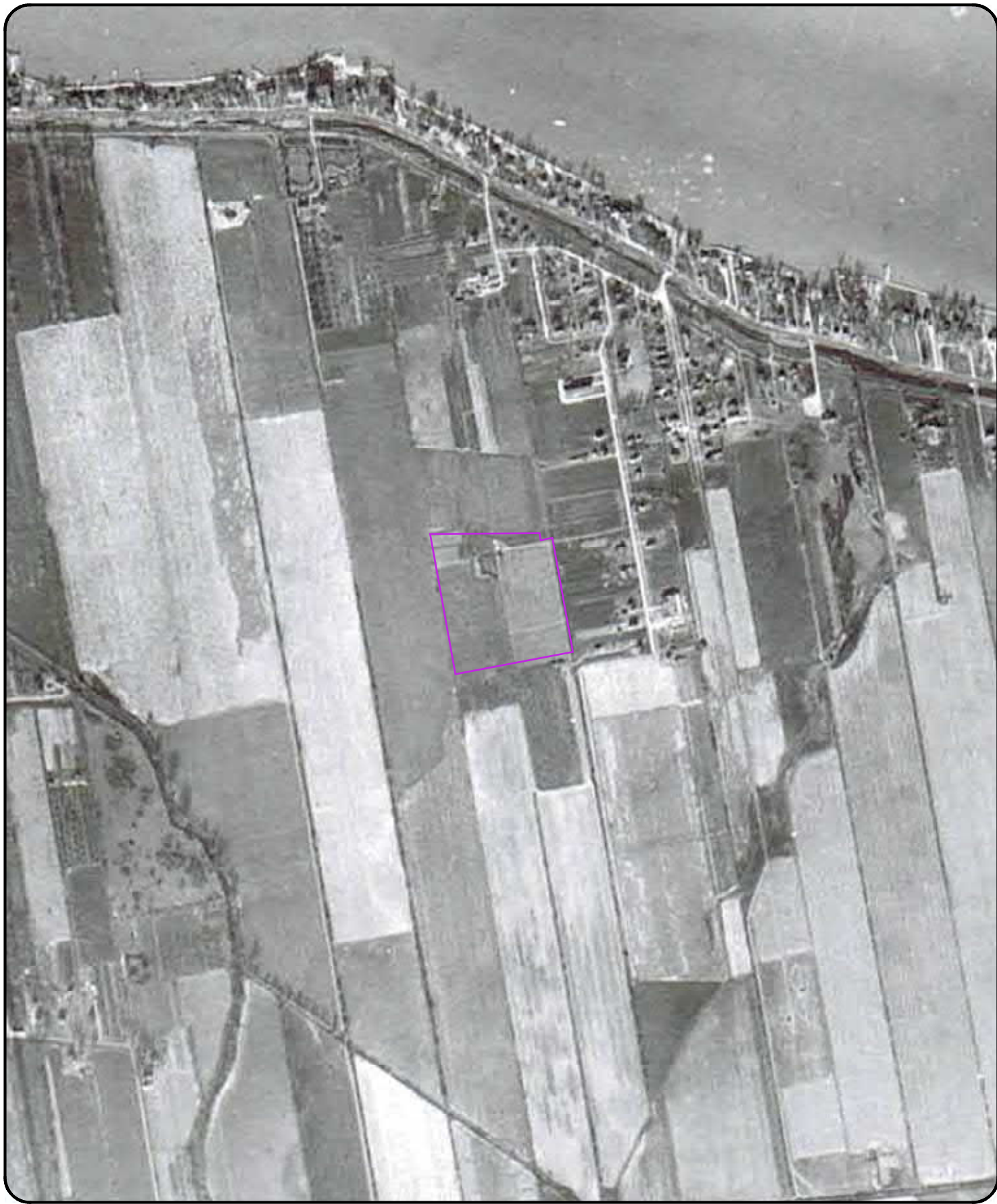
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1950	1952	25000	NAPL
1960	1960	25000	NAPL
1970	1973	20000	NAPL
1980	1986	25000	NAPL
1990	1992	25000	NAPL

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Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com



0 0.125 0.25 0.5
Kilometers

Order Number: 21060400280

Year: 1952
Source: NAPL
Map Scale: 1: 10000
Comments:





0 0.125 0.25 0.5
Kilometers

Order Number: 21060400280

Year: 1960
Source: NAPL
Map Scale: 1: 10000
Comments:





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Kilometers

Order Number: 21060400280

Year: 1973
Source: NAPL
Map Scale: 1: 10000
Comments:





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Kilometers

Order Number: 21060400280

Year: 1986
Source: NAPL
Map Scale: 1: 10000
Comments:





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Kilometers

Order Number: 21060400280

Year: 1992
Source: NAPL
Map Scale: 1: 10000
Comments:



2000 Aerial Photograph



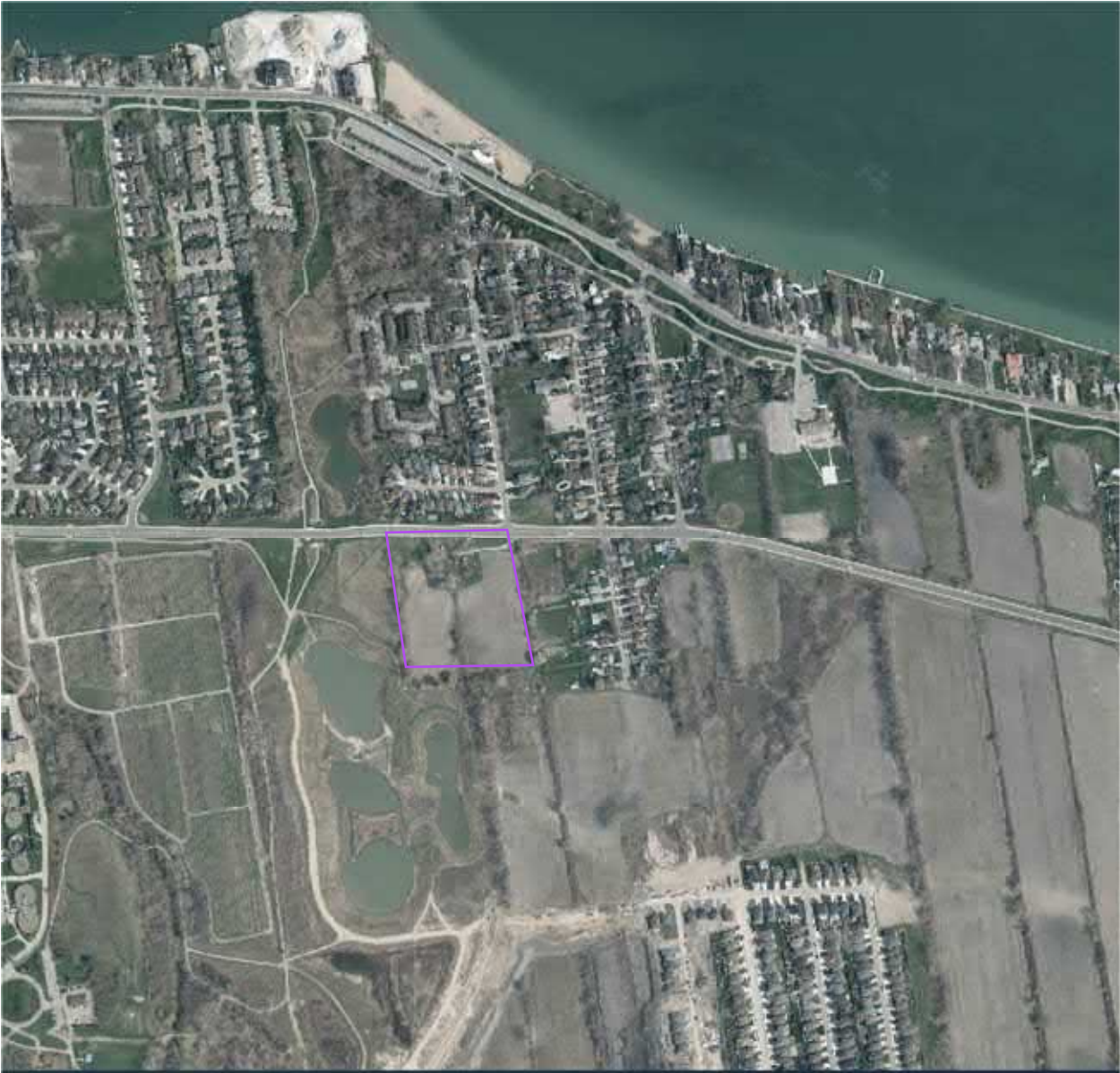
2006 Aerial Photograph



2010 Aerial Photograph



2015 Aerial Photograph



2019 Aerial Photograph



Appendix D

Correspondence



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:
Sunita

Site Address:

Wyandotte St. E. Florence Ave. Windsor ON

Project No:

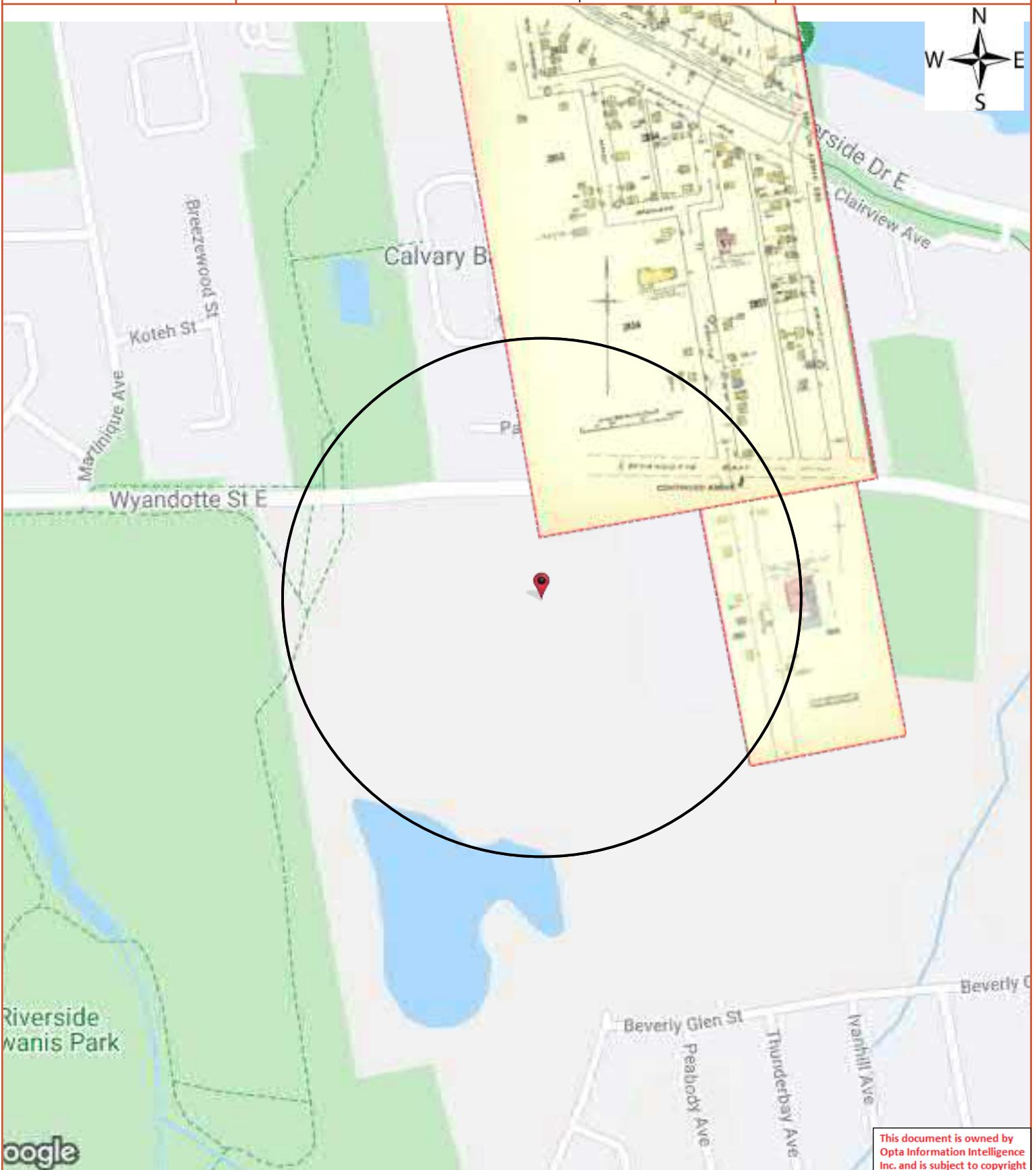
21060400280

Opta Order ID:

91573

Requested by:
**Eleanor Goolab
ERIS**

Date Completed:
6/16/2021 12:20:02 PM





Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 905.882.6300
Toll Free: 905.882.6300
F: 905.882.6300

An SCM Company
www.optaintel.ca

Page: 4
Project Name: LankorWyandotte
at Florence

Project #: 21060400280
P.O. #: 2116913000

ENVIROSCAN Report

Report Index

Requested by:
Eleanor Goolab

Date Completed: 06/16/2021 12:20:02



OPTA INFORMATION INTELLIGENCE

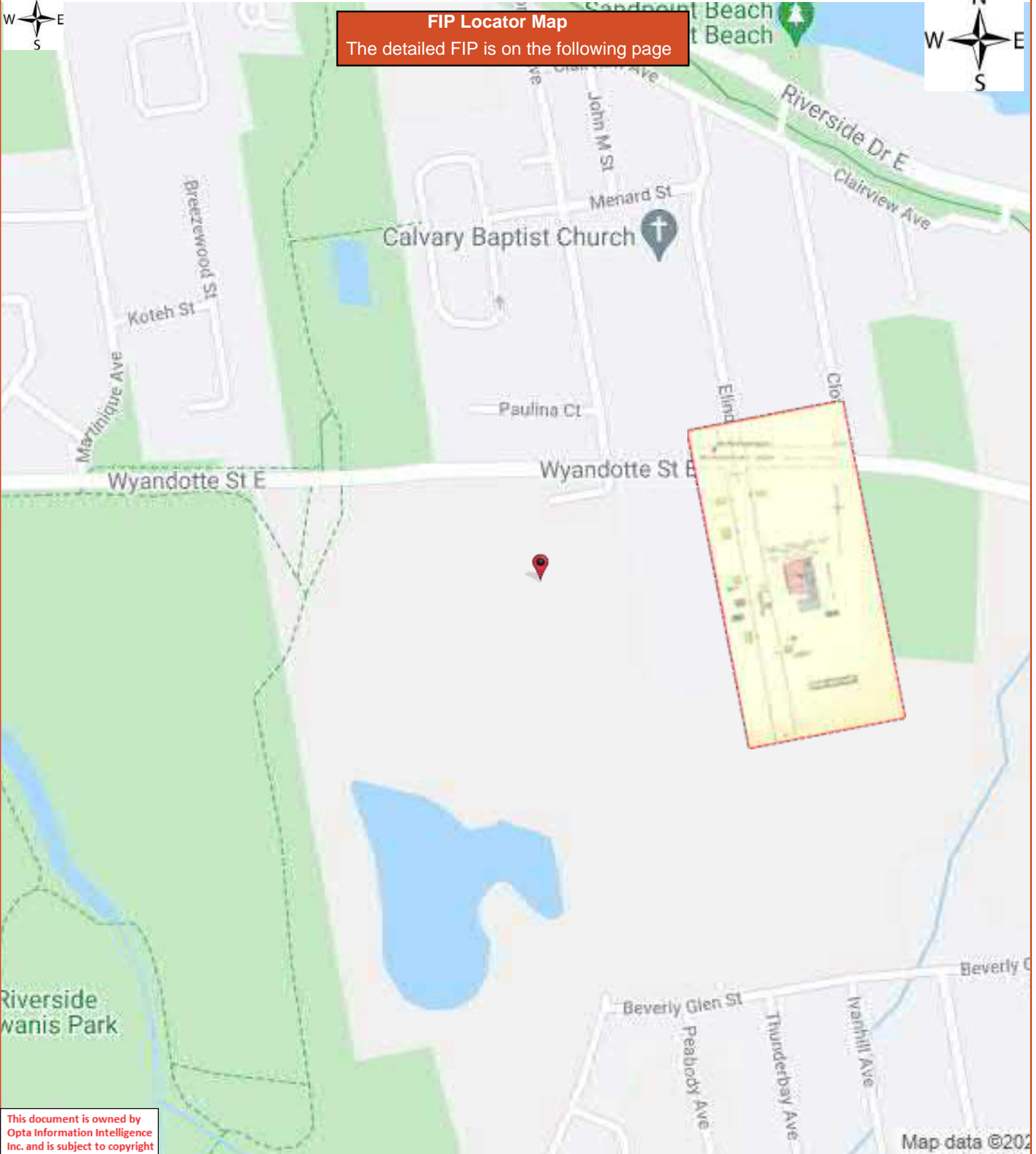
Page	Report Title
6	(1953) Volume: Windsor Volume 3 Firemap: 334
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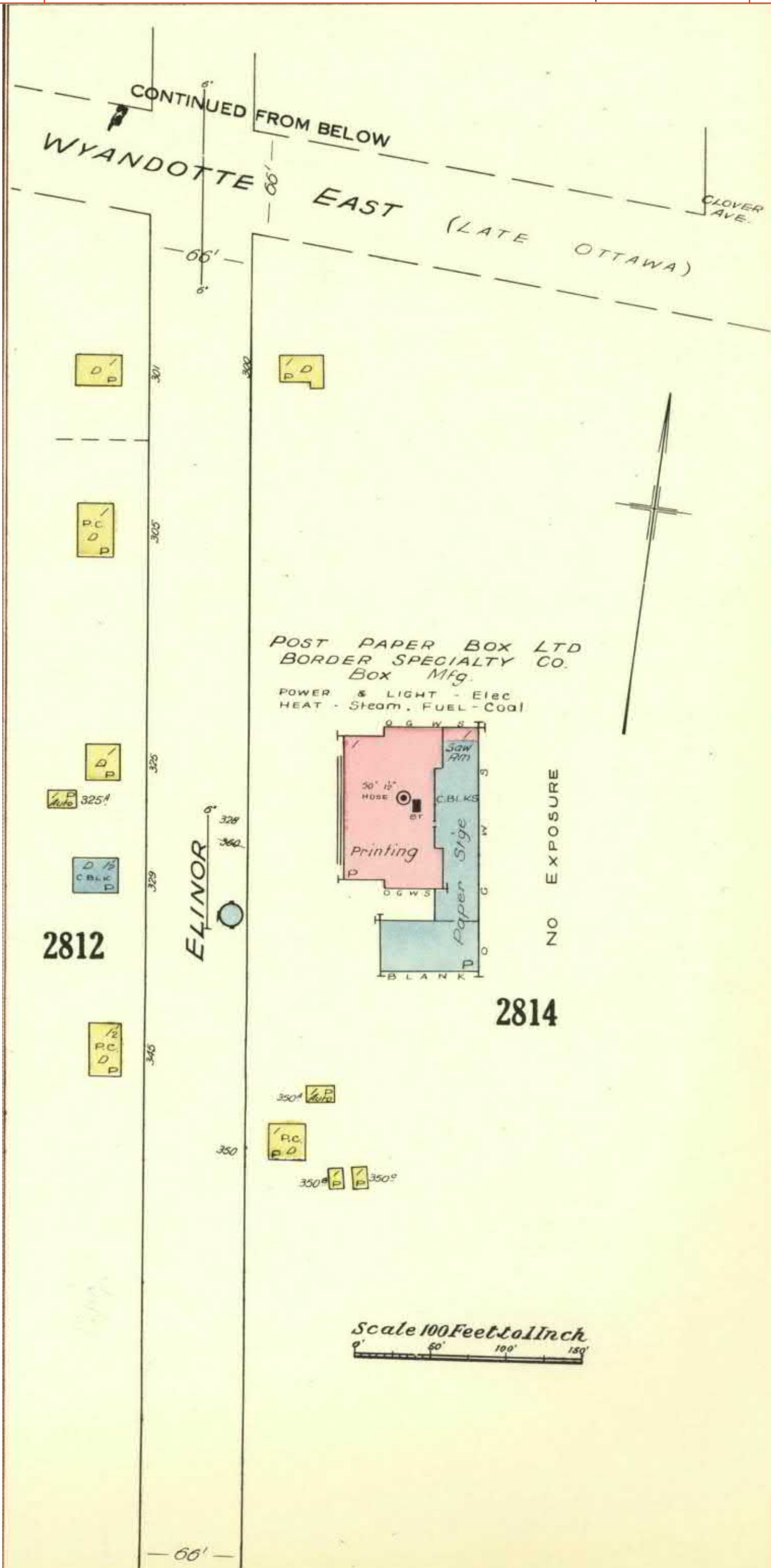


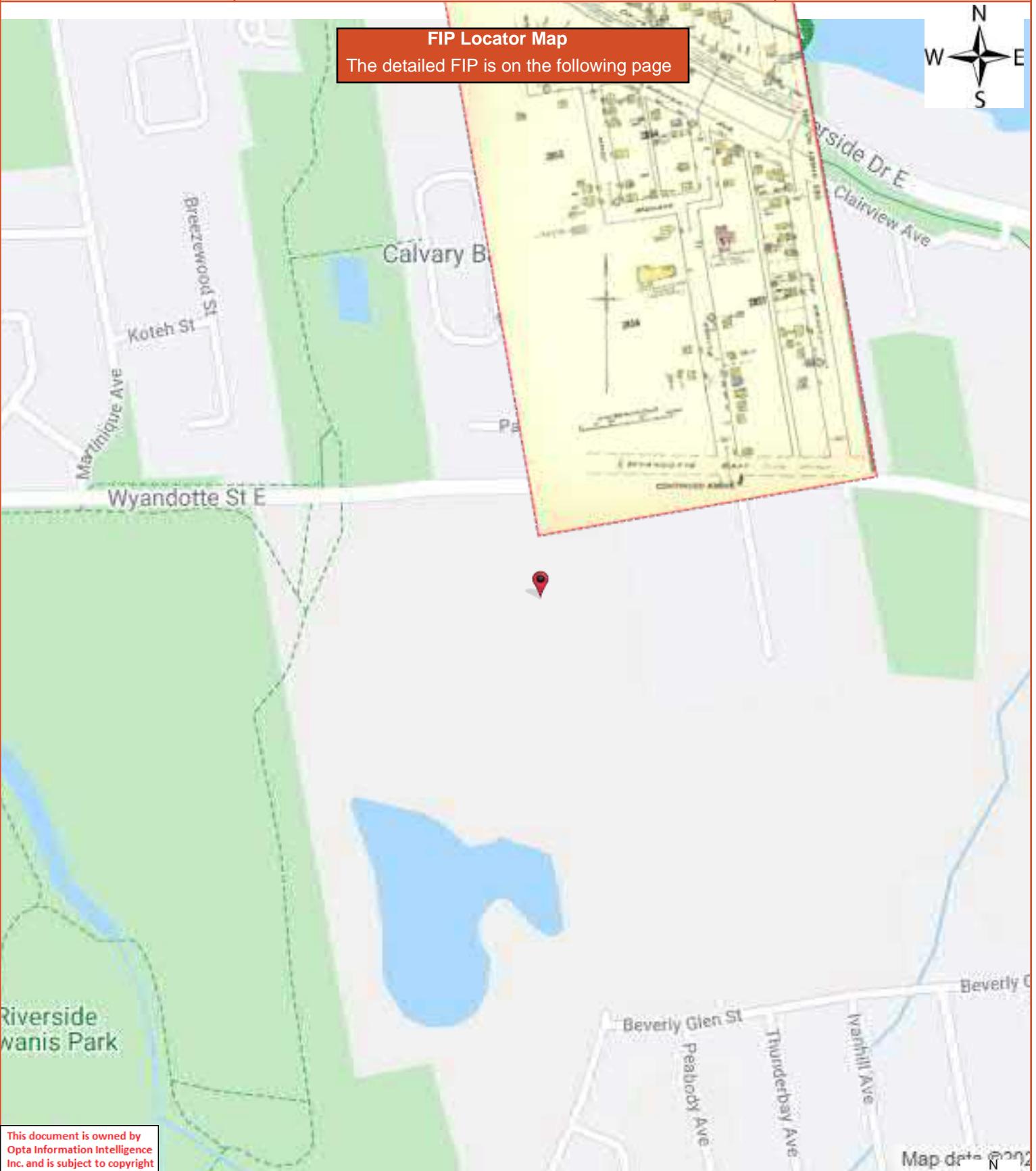


FIP Locator Map
The detailed FIP is on the following page

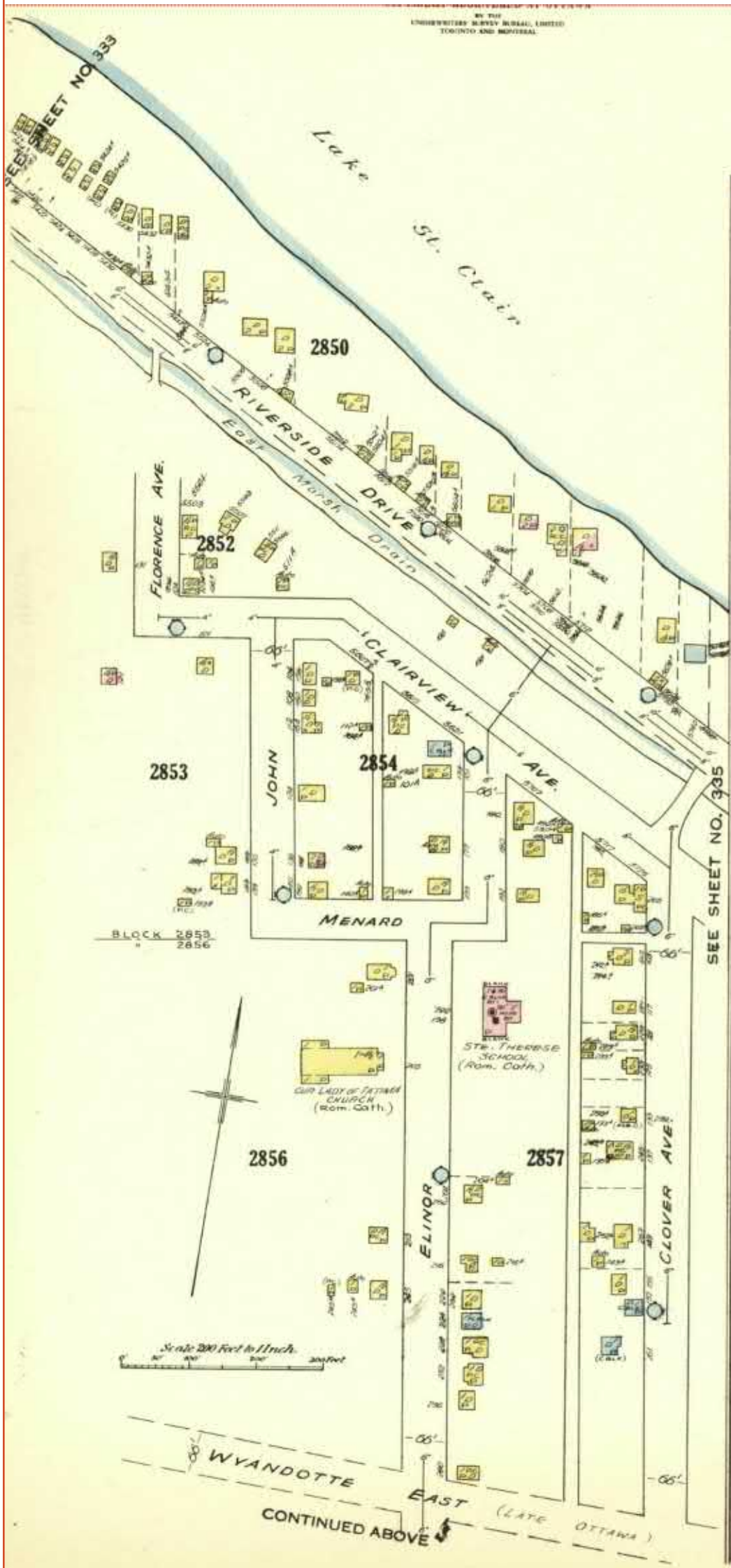


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*** FAX TX REPORT ***

TRANSMISSION OK

JOB NO. 1105
DESTINATION ADDRESS T14163144285
SUBADDRESS
DESTINATION ID
ST. TIME 06/10 11:24
TX/RX TIME 00' 39
PGS. 4
RESULT OK

*** TX REPORT ***

JOB NO. 1097
ST. TIME 06/07 11:51
SHEETS 4
FILE NAME

TX INCOMPLETE -----
TRANSACTION OK -----
ERROR 14163144285

FAX TRANSMITTAL



TO: Ministry of the Environment and Climate Change
COMPANY: Freedom of Information and Protection of Privacy Office
FAX NO.: 416-314-4285
FROM: Matthew Antaya
DATE: June 7, 2021
SUBJECT: Freedom of Information Request
OUR FILE:
TOTAL PAGES: 4

This message is intended only for the recipient(s) named above and may contain privileged, confidential or private information which is not to be disclosed. If you have received this message in error and are not the addressee or authorized representative thereof, or if pages are missing from your copy of this transmission, please contact Dillon Consulting Limited at the number below.

Attached is the Freedom of Information request form for the following:

0 Wyandotte Street East
Windsor, ON N9P 1J9

Thank you

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only


FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

1. Requester Data

Last Name Antaya	First Name Matthew	Middle Initial
Title Environmental Scientist	Company Name Dillon Consulting Limited	

Mailing Address

Unit Number 608	Street Number 3200	Street Name Deziel Drive	PO Box
City/Town Windsor		Province Ontario	Postal Code N8W 5K8
Email Address mantaya@dillon.ca		Telephone Number 519 818-2550 ext.	Fax Number

Project/Reference Number 21-1691-3000	Signature of Requester 
---	---

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number 0	Street Number	Street Name Wyandotte Street East	PO Box
-------------------------	---------------	---	--------

Lot Number	Legal Description PT LT 138, CON 1 AS IN R1158427 SAVE AND EXCEPT PT 1, PL 12R22261; WINDSOR	aphic Township
------------	---	----------------

City/Town/Village Windsor	Province Ontario	Postal Code N8P 1J9
-------------------------------------	----------------------------	-------------------------------

Present Property

1. Owner VGA Investment Inc	Date of Ownership (yyyy/mm/dd) 2017/11/16
Tenant (if applicable)	

Previous Property

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	

3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input type="checkbox"/>	
renewable energy	<input type="checkbox"/>	
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input type="checkbox"/>	
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input type="checkbox"/>	
waste water - industrial discharge	<input type="checkbox"/>	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input type="checkbox"/>	
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input type="checkbox"/>	

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.



Antaya, Matthew <mantaya@dillon.ca>

TSSA Records Request - Wyandotte Street East & Florence Avenue, Windsor, ON

4 messages

Antaya, Matthew <mantaya@dillon.ca>
To: publicinformationsservices@tssa.org
Cc: Jean-Paul Baillargeon <jpbailargeon@dillon.ca>

Fri, Jun 4, 2021 at 2:14 PM

To whom it may concern,

We are working on a Phase I ESA and would like to determine if there are any TSSA records (fuel storage) available for the property located at Wyandotte Street East and Florence Avenue (see attached for site location).

Legal Description: PT LT 138, CON 1 AS IN R1158427 SAVE AND EXCEPT PT 1, PL 12R22261; Windsor

Let us know if you have any questions.

Thank you,



Matthew Antaya
Dillon Consulting Limited
3200 Dezial Drive, Suite 608
Windsor, Ontario, N8W 5K8
T - 519.948.4243 ext. 3203
F - 519.948.5054
mantaya@dillon.ca
www.dillon.ca



Property Location - Wyandotte Street East and Florence Avenue.PNG
2502K

Public Information Services <publicinformationsservices@tssa.org>
To: "Antaya, Matthew" <mantaya@dillon.ca>

Fri, Jun

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely ar applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello Matthew,

Thank you for your request for confirmation of public information.

- We confirm that there are records in our database of fuel storage tanks at the subject addresses (Wyandotte Street East and LOT 138 CONCESSION 1. Unfortunately, we are unab intersections)

Inst Numb	Context	Address	City	Provinc	Postal Co	Inststatusname	Segment1
9694322	FS Facility	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	Active	FS GASOLINE STATION - SE
51298793	FS Facility	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	Active	FS CYLINDER EXCHANGE
64789490	FS Liquid Fuel Tank	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	Active	FS LIQUID FUEL TANK
11058596	FS Liquid Fuel Tank	1105 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	EXPIRED	FS LIQUID FUEL TANK
11058604	FS Liquid Fuel Tank	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	EXPIRED	FS LIQUID FUEL TANK
11058619	FS Liquid Fuel Tank	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	EXPIRED	FS LIQUID FUEL TANK
64789489	FS Liquid Fuel Tank	971 WYANDOTTE ST E	WINDSOR	ON	N9A 3K1	Active	FS LIQUID FUEL TANK
9980861	FS Facility	854 WYANDOTTE ST E	WINDSOR	ON	N9A 3J6	EXPIRED	FS PROPANE REFILL CNTR.
11127956	FS Propane Tank	854 WYANDOTTE ST E	WINDSOR	ON	N9A 3J6	EXPIRED	FS PROPANE TANK
10199141	FS Facility	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS GASOLINE STATION - SE
30905560	FS Facility	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS CYLINDER EXCHANGE
64691879	FS Liquid Fuel Tank	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS LIQUID FUEL TANK
11510125	FS Liquid Fuel Tank	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS LIQUID FUEL TANK
11655922	FS Liquid Fuel Tank	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS LIQUID FUEL TANK
11655941	FS Liquid Fuel Tank	824 WYANDOTTE ST E	WINDSOR	ON	N9A 3J4	Active	FS LIQUID FUEL TANK
9745719	FS Facility	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS GASOLINE STATION - SE
35736223	FS Facility	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS CYLINDER EXCHANGE
11058725	FS Liquid Fuel Tank	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS LIQUID FUEL TANK
11058735	FS Liquid Fuel Tank	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS LIQUID FUEL TANK
11058741	FS Liquid Fuel Tank	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS LIQUID FUEL TANK
11058750	FS Liquid Fuel Tank	7945 WYANDOTTE ST E	WINDSOR	ON	N8S 1T1	Active	FS LIQUID FUEL TANK
9754390	FS Facility	7885 WYANDOTTE ST E	WINDSOR	ON	N8S 1S8	EXPIRED	FS GASOLINE STATION - SE
9815163	FS Facility	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	EXPIRED	FS GASOLINE STATION - FU
50859902	FS Facility	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	Active	FS CYLINDER EXCHANGE
62788864	FS Facility	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	Active	FS GASOLINE STATION - SP
64670313	FS Liquid Fuel Tank	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	Active	FS LIQUID FUEL TANK
11058774	FS Liquid Fuel Tank	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	EXPIRED	FS LIQUID FUEL TANK
11058789	FS Liquid Fuel Tank	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	EXPIRED	FS LIQUID FUEL TANK
63567737	FS Liquid Fuel Tank	6960 WYANDOTTE ST E	WINDSOR	ON	N8S 1P9	Active	FS LIQUID FUEL TANK
57753221	FS Facility	5869 WYANDOTTE ST E	WINDSOR	ON	N8S 1M7	Active	FS CYLINDER EXCHANGE
9885069	FS Facility	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS GASOLINE STATION - FU
11093494	FS Liquid Fuel Tank	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS LIQUID FUEL TANK
11327511	FS Liquid Fuel Tank	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS LIQUID FUEL TANK
11327535	FS Liquid Fuel Tank	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS LIQUID FUEL TANK
11327555	FS Liquid Fuel Tank	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS LIQUID FUEL TANK
11327575	FS Liquid Fuel Tank	5565 WYANDOTTE ST E	WINDSOR	ON	N8S 4T9	EXPIRED	FS LIQUID FUEL TANK
56488049	FS Facility	4925 WYANDOTTE ST E	WINDSOR	ON	N8Y 1J1	Active	FS CYLINDER EXCHANGE
9361781	FS Facility	3665 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G4	Active	FS PRIVATE FUEL OUTLET -
11058702	FS Liquid Fuel Tank	3665 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G4	Active	FS LIQUID FUEL TANK
9794905	FS Facility	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS GASOLINE STATION - FU
10184894	FS Facility	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS GASOLINE STATION - SP
29569948	FS Facility	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	Active	FS GASOLINE STATION - SE
42253677	FS Facility	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	Active	FS CYLINDER EXCHANGE
11396797	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS LIQUID FUEL TANK
11581865	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS LIQUID FUEL TANK
11581874	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS LIQUID FUEL TANK
11588871	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	EXPIRED	FS LIQUID FUEL TANK
64752616	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	Active	FS LIQUID FUEL TANK
64752617	FS Liquid Fuel Tank	3511 WYANDOTTE ST E	WINDSOR	ON	N8Y 1G2	Active	FS LIQUID FUEL TANK

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and completed form to publicinformation@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Sherees

Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformation@tssa.org

www.tssa.org



From: Antaya, Matthew <mantaya@dillon.ca>

Sent: June 4, 2021 2:14 PM

To: Public Information Services <publicinformation@tssa.org>

Cc: Jean-Paul Baillargeon <jpbaillargeon@dillon.ca>

Subject: TSSA Records Request - Wyandotte Street East & Florence Avenue, Windsor, ON

[CAUTION]: This email originated outside the organisation.

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To whom it may concern,

We are working on a Phase I ESA and would like to determine if there are any TSSA records (fuel storage) available for the property located at Wyandotte Street East and Florence Avenue (site location).

Legal Description: PT LT 138, CON 1 AS IN R1158427 SAVE AND EXCEPT PT 1, PL 12R22261; Windsor

Let us know if you have any questions.

Thank you,

—

Matthew Antaya
Dillon Consulting Limited
3200 Dezial Drive, Suite 608
Windsor, Ontario, N8W 5K8
T - 519.948.4243 ext. 3203
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mantaya@dillon.ca
www.dillon.ca

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Antaya, Matthew <mantaya@dillon.ca>
To: Jean-Paul Baillargeon <jpbailargeon@dillon.ca>

Fri, Jun 4, 2021 at 4:35 PM

Received response from TSSA. All the properties they have provided us are located on the west side of Windsor, I don't know if there is a miscommunication on where the property is or if they are clear, but this is what they have in terms of records. I did provide them with a map and legal description, so it should be clear where the subject property is located.

Let me know if there needs to be further action with regards to this.

[Quoted text hidden]

—



Matthew Antaya
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T - 519.948.4243 ext. 3203
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Baillargeon, Jean-Paul <jpbailargeon@dillon.ca>
To: "Antaya, Matthew" <mantaya@dillon.ca>

Mon, Jun 7, 2021 at 8:11 AM

Its ok. As long as the properties aren't close to the site, we can just write them off. They probably just listed all records on Wyandotte since a municipal address wasn't provided

Jean-Paul Baillargeon
Associate
Dillon Consulting Limited



Office of the City Engineer

July 16, 2021

DILLON CONSULTING
3200 Deziel Dr Suite 608
Windsor On N8W 5K8

Attention: Matthew Antaya

RE: 0 Wyandotte St. E - Roll # 3739-060-450-06500

This is in response to your inquiry regarding the above noted property.

The Engineering Department has no record of any spills or record of this site being a used for formal waste disposal. Furthermore, we have no records of sewer or environmental violations for this site in the last 10 years.

The above information is based only on information known to the City of Windsor's Engineering Department. We would recommend that you contact the local Ministry of the Environment District Office for further information with respect to spills, adjacent hazardous land uses, and/or former waste disposal sites.

I trust the above is satisfactory; however, should you have any questions, please contact Shannon Mills at smills@citywindsor.ca

Yours truly,

Adam Pillon
Manager of Right-of-Way

/SM

Appendix E

ERIS Report



DATABASE REPORT

Project Property: *Lankor-Wyandotte at Florence
Wyandotte Street East and Florence
Avenue
Windsor ON*

Project No: *21-1691-3000*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *21060400280*

Requested by: *Dillon Consulting Limited*

Date Completed: *June 9, 2021*

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Executive Summary

Property Information:

Project Property: *Lankor-Wyandotte at Florence
Wyandotte Street East and Florence Avenue Windsor ON*

Project No: *21-1691-3000*

Order Information:

Order No: *21060400280*
Date Requested: *June 4, 2021*
Requested by: *Dillon Consulting Limited*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

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

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	3	3
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	0	0
Total:			0	5	5

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	BORE		ON	SSW/71.6	0.00	12
2	BORE		ON	SSW/118.7	0.69	13
3	PINC	ENBRIDGE GAS INC	729 CLOVER AVE,,WINDSOR,ON,,CA ON	ENE/225.2	-2.00	15
4	BORE		ON	E/242.5	-2.00	15
5	EHS		10200 Menard Street Windsor ON	NNW/242.7	-1.73	16

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	71.6	<u>1</u>
	ON	118.7	<u>2</u>
	ON	242.5	<u>4</u>

EHS - ERIS Historical Searches

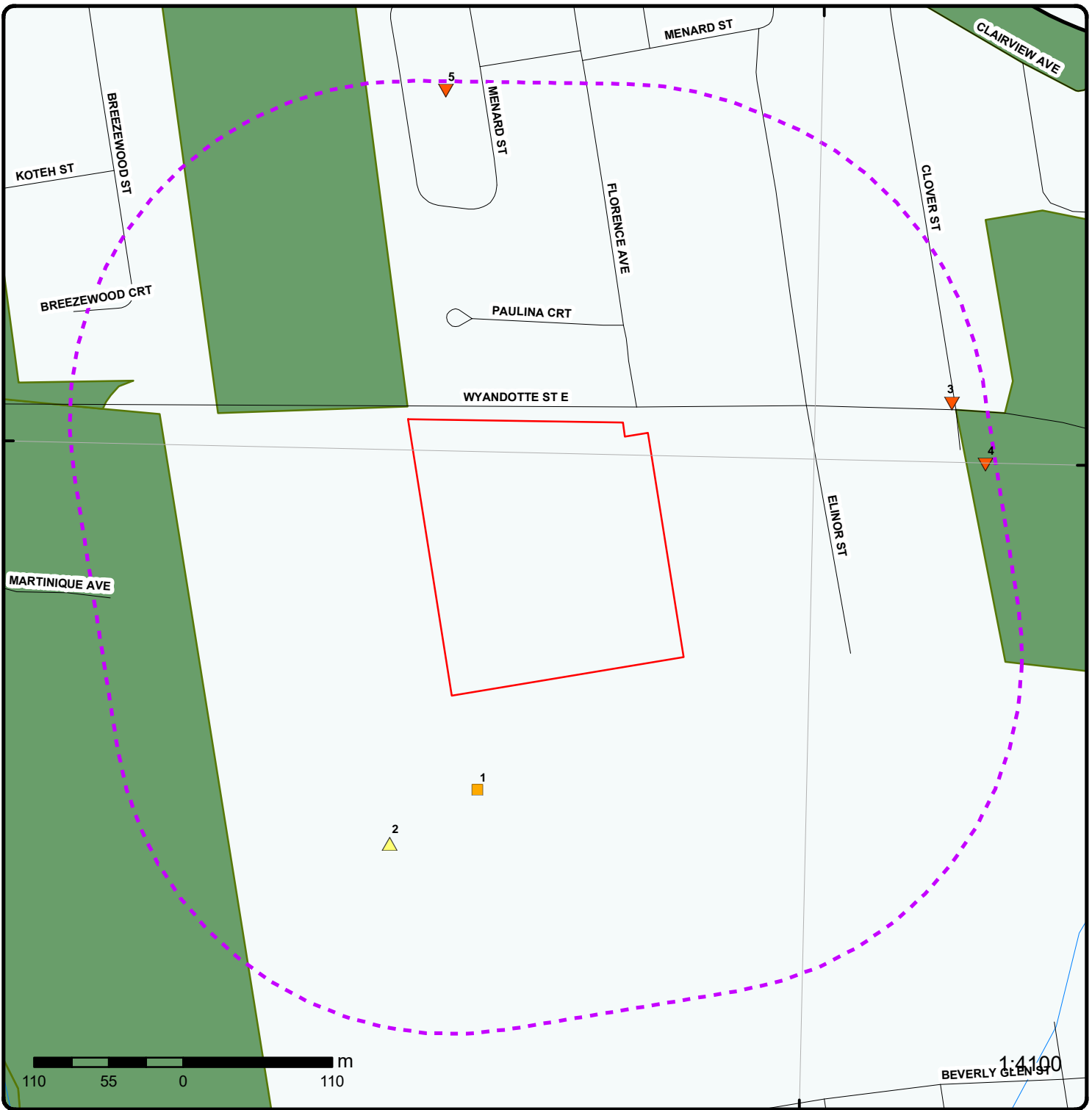
A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	10200 Menard Street Windsor ON	242.7	<u>5</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	729 CLOVER AVE,,WINDSOR,ON,,CA ON	225.2	<u>3</u>



Map: 0.25 Kilometer Radius

Order Number: 21060400280

Address: Wyandotte Street East and Florence Avenue, Windsor, ON

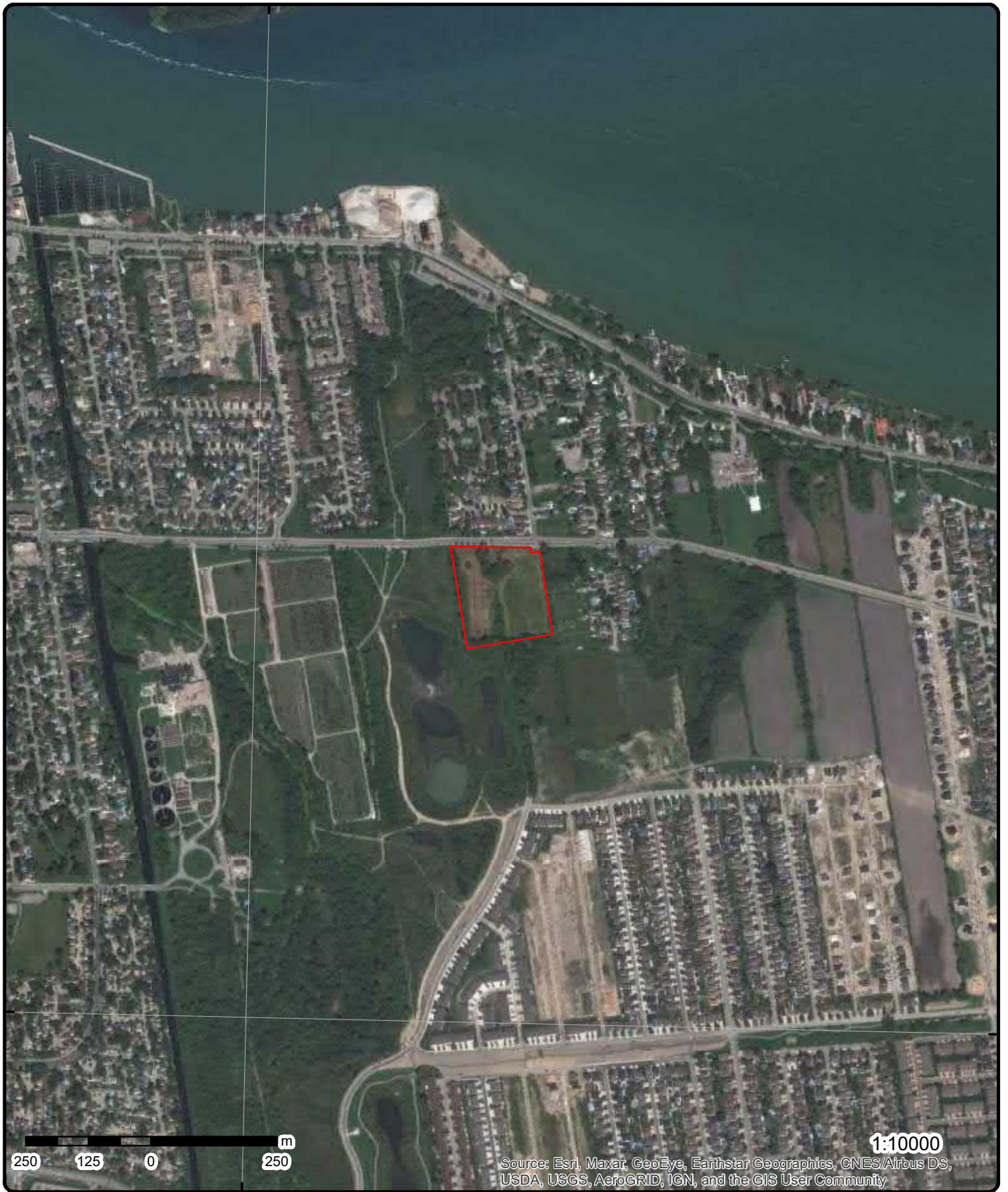


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

82°55'30"W

42°19'30"N

42°19'30"N



Aerial Year: 2019

Order Number: 21060400280

Address: Wyandotte Street East and Florence Avenue, Windsor, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 21060400280

Address: Wyandotte Street East and Florence Avenue, 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
<u>1</u>	1 of 1	SSW/71.6	177.9 / 0.00	ON	BORE
Borehole ID: 620384 OGF ID: 215520840 Status: Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: OCT-1969 Static Water Level: Primary Water Use: Not Used Sec. Water Use: Total Depth m: 2.7 Depth Ref: Ground Surface Depth Elev: Drill Method: Test Pit Orig Ground Elev m: 177 Elev Reliabil Note: DEM Ground Elev m: 177 Concession: Location D: Survey D: Comments:		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 42.331086 Longitude DD: -82.919591 UTM Zone: 17 Easting: 341848 Northing: 4688322 Location Accuracy: Accuracy: Not Applicable			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218417130 Top Depth: .5 Bottom Depth: 2.7 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Sand Material 4: Gravel Gsc Material Description: Stratum Description: CLAY,SILT,SAND, GRAVEL. BROWN,GLACIAL,HARD,MASSIVE, AGE GLACIAL. 020 BROWN,GLACI **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Hard Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: glacial			
Geology Stratum ID: 218417129 Top Depth: 0 Bottom Depth: .5 Material Color: Black Material 1: Soil Material 2: Clay Material 3: Material 4: Gsc Material Description: Stratum Description: SOIL,CLAY. BLACK.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972		Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: WINDSOR.txt RecordID: 007880 NTS_Sheet: 40J07D			
Confiden 1:		Logged by professional. Exact and complete description of material and properties.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			

<u>2</u>	1 of 1	SSW/118.7	178.5 / 0.69	ON	BORE
Borehole ID:	620383			Inclin FLG:	No
OGF ID:	215520839			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	MAR-1971			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	42.330713
Total Depth m:	10.7			Longitude DD:	-82.920369
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	341783
Drill Method:	Power auger			Northing:	4688282
Orig Ground Elev m:	175			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	177				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218417123	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Soil	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SOIL.		
Geology Stratum ID:	218417127	Mat Consistency:	Firm
Top Depth:	3.7	Material Moisture:	
Bottom Depth:	6.4	Material Texture:	
Material Color:	Green	Non Geo Mat Type:	
Material 1:	Silt	Geologic Formation:	
Material 2:	Clay	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:	Gravel	Depositional Gen:	glacial
Gsc Material Description:			
Stratum Description:	SILT,CLAY,SAND, GRAVEL. GREEN,GLACIAL,FIRM, AGE GLACIAL.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218417124			Mat Consistency:	Stiff
Top Depth:	.5			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacio-lacustrine
Gsc Material Description:					
Stratum Description:	CLAY,SILT,SAND, GRAVEL. BROWN,GLACIO-LACUSTRINE,STIFF,AGE GLACIAL.				
Geology Stratum ID:	218417126			Mat Consistency:	Dense
Top Depth:	3.4			Material Moisture:	
Bottom Depth:	3.7			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	SILT,SAND. BROWN,GLACIAL,DENSE, AGE GLACIAL.				
Geology Stratum ID:	218417125			Mat Consistency:	Hard
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	3.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacio-lacustrine
Gsc Material Description:					
Stratum Description:	CLAY,SILT,SAND, GRAVEL. BROWN,GLACIO-LACUSTRINE,HARD, AGE GLACIAL.				
Geology Stratum ID:	218417128			Mat Consistency:	Hard
Top Depth:	6.4			Material Moisture:	
Bottom Depth:	10.7			Material Texture:	
Material Color:	Green			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	SILT(27),SAND(30), CLAY(25),GRAVEL. GREEN,GLACIAL,HARD, AGE GLACIAL. 020 012 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: WINDSOR.txt RecordID: 007870 NTS_Sheet: 40J07D		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 1	ENE/225.2	175.9 / -2.00	ENBRIDGE GAS INC 729 CLOVER AVE,, WINDSOR, ON,, CA ON	PINC
Incident ID: Incident No: 2884622 Incident Reported Dt: 7/8/2020 Type: FS-Pipeline Incident Status Code: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 729 CLOVER AVE,, WINDSOR, ON,, CA Tank Status: Report Received Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:			

<u>4</u>	1 of 1	E/242.5	175.9 / -2.00	ON	BORE
Borehole ID: 620362 OGF ID: 215520818 Status: Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: OCT-1969 Static Water Level: Primary Water Use: Not Used Sec. Water Use: Total Depth m: 2.7 Depth Ref: Ground Surface Depth Elev: Drill Method: Test Pit Orig Ground Elev m: 177 Elev Reliabil Note: DEM Ground Elev m: 175 Concession: Location D: Survey D: Comments:		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 42.333322 Longitude DD: -82.915108 UTM Zone: 17 Easting: 342223 Northing: 4688562 Location Accuracy: Accuracy: Not Applicable			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218417043 Top Depth: .5 Bottom Depth: 2.7 Material Color: Brown Material 1: Clay Material 2: Silt Material 3: Sand		Mat Consistency: Hard Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4: Gsc Material Description: Stratum Description:	Gravel			Depositional Gen: glacial	
		CLAY(27),SILT(37), SAND(32),GRAVEL. BROWN,GLACIAL,HARD,MASSIVE, AGE GLACIAL. 014016023LACUS **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218417042 0 .5 Black Soil Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		SOIL,CLAY. BLACK.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H			Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level	
		Urban Geology Automated Information System (UGAIS) File: WINDSOR.txt RecordID: 007650 NTS_Sheet: 40J07D Logged by professional. Exact and complete description of material and properties.			
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies			Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator	
		Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			

5	1 of 1	NNW/242.7	176.1 / -1.73	10200 Menard Street Windsor ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20120801046 C Custom Report 09-AUG-12 01-AUG-12			Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -82.920017 Y: 42.335725	

Unplottable Summary

Total: **21** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Corporation of the City of Windsor	Wyandotte Street East	Windsor ON	
CA	WINDSOR CITY RANKIN-CHARLEVOIX PH. 1	WYANDOTTE ST.	WINDSOR CITY ON	
CA	Yorkdale Homes Ltd.	Menard Street	Windsor ON	
CA	The Corporation of the City of Windsor	Wyandotte Street	Windsor ON	
CA	The Corporation of the City of Windsor	from Riverside Drive East to Wyandotte Street East	Windsor ON	
CA		Esdras Place, Riverside Dr. to Wyandotte St. E	Windsor ON	
CA		Esdras Place, Riverside Dr. to Wyandotte St. E	Windsor ON	
CA	KOTEH ENTERPRISES INC.-PT. LOTS 136 & 137	MENARD ST./MARTINIQUE AVE.	WINDSOR CITY ON	
CA	1068499 ONTARIO LIMITED	WYANDOTTE ST.E., RP# 12R-13644	WINDSOR CITY ON	
CA	BAKER INVESTMENTS LIMITED	WYANDOTTE STREET EAST (SWM)	WINDSOR CITY ON	
CA	KOTEH ENTERPRISES INC.-PT. LOTS 136 & 137	MENARD ST./MARTINIQUE AVE.	WINDSOR CITY ON	
CA	RAYMAX CONSTRUCTION	ELINOR ST. S.OF CLAIRVIEW	WINDSOR CITY ON	
CA	WINDSOR CITY	WYANDOTTE ST. EAST	WINDSOR CITY ON	
CA	The Corporation of the City of Windsor	Wyandotte Street East between Greendale Drive and Florence Avenue	Windsor ON	
CA	DOCHERTY FAMILY MANAGEMENT	WYANDOTTE ST. E.	WINDSOR CITY ON	
ECA	1027458 Ontario Inc.	Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue	Windsor ON	M3K 1G2
ECA	The Windsor Utilities Commission	From Martinique Avenue to the Town of	Windsor ON	N8W 5T1

Tecumseh Border (Mun. No. 9828 to 11906)

ECA	1027458 Ontario Inc.	Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue	Windsor ON	M3K 1G2
ECA	Windsor Canada Utilities Ltd.	Wyandotte St E from Riverdale Drive to Florence Avenue	Windsor ON	N9A 5T7
ECA	The Corporation of the City of Windsor	Wyandotte St E	Windsor ON	N9A 6S1
ECA	The Corporation of the City of Windsor	Wyandotte St E	Windsor ON	N9A 6S1

Unplottable Report

Site: *The Corporation of the City of Windsor*
Wyandotte Street East Windsor ON

Database:
[CA](#)

Certificate #: 7157-66DKTG
Application Year: 2005
Issue Date: 1/18/2005
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: *WINDSOR CITY RANKIN-CHARLEVOIX PH. 1*
WYANDOTTE ST. WINDSOR CITY ON

Database:
[CA](#)

Certificate #: 3-1855-87-
Application Year: 87
Issue Date: 12/3/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Yorkdale Homes Ltd.*
Menard Street Windsor ON

Database:
[CA](#)

Certificate #: 5769-5XMRT4
Application Year: 2004
Issue Date: 8/6/2004
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: *The Corporation of the City of Windsor*
Wyandotte Street Windsor ON

Database:
[CA](#)

Certificate #: 4268-776M8N

Application Year: 2007
Issue Date: 9/18/2007
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 City of Windsor
from Riverside Drive East to Wyandotte Street East Windsor ON*

Database:
[CA](#)

Certificate #: 0725-76GKYH
Application Year: 2007
Issue Date: 8/27/2007
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: *Esdras Place, Riverside Dr. to Wyandotte St. E Windsor ON*

Database:
[CA](#)

Certificate #: 3167-4VVJEW
Application Year: 01
Issue Date: 4/17/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Windsor
Client Address: 350 City Hall Square West, P.O. Box 1607
Client City: Windsor
Client Postal Code: N9A 6S1
Project Description: This application is for the installation of watermains on Esdras Place, between Riverside Drive East and Wyandotte Street East.
Contaminants:
Emission Control:

Site: *Esdras Place, Riverside Dr. to Wyandotte St. E Windsor ON*

Database:
[CA](#)

Certificate #: 7133-4VVKYP
Application Year: 01
Issue Date: 4/17/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Windsor
Client Address: 350 City Hall Square West, P.O. Box 1607
Client City: Windsor
Client Postal Code: N9A 6S1
Project Description: This application is for the installation of storm and sanitary sewers on Esdras Place, from Riverside Drive East to Wyandotte Street East.
Contaminants:

Emission Control:

Site: KOTEH ENTERPRISES INC.-PT.LOTS 136 & 137
MENARD ST./MARTINIQUE AVE. WINDSOR CITY ON

Database:
CA

Certificate #: 7-0886-92-
Application Year: 92
Issue Date: 9/3/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1068499 ONTARIO LIMITED
WYANDOTTE ST.E., RP# 12R-13644 WINDSOR CITY ON

Database:
CA

Certificate #: 7-0436-95-
Application Year: 95
Issue Date: 5/30/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BAKER INVESTMENTS LIMITED
WYANDOTTE STREET EAST (SWM) WINDSOR CITY ON

Database:
CA

Certificate #: 3-0398-95-
Application Year: 95
Issue Date: 5/19/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KOTEH ENTERPRISES INC.-PT.LOTS 136 & 137
MENARD ST./MARTINIQUE AVE. WINDSOR CITY ON

Database:
CA

Certificate #: 3-1121-92-
Application Year: 92
Issue Date: 9/3/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: RAYMAX CONSTRUCTION
ELINOR ST. S.OF CLAIRVIEW WINDSOR CITY ON

Database:
CA

Certificate #: 3-0752-89-
Application Year: 89
Issue Date: 6/23/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: WINDSOR CITY
WYANDOTTE ST. EAST WINDSOR CITY ON

Database:
CA

Certificate #: 3-1277-86-
Application Year: 86
Issue Date: 9/26/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the City of Windsor
Wyandotte Street East between Greendale Drive and Florence Avenue Windsor ON

Database:
CA

Certificate #: 8012-6RZHGS
Application Year: 2006
Issue Date: 7/25/2006
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: DOCHERTY FAMILY MANAGEMENT
WYANDOTTE ST. E. WINDSOR CITY ON

Database:
CA

Certificate #: 8-1074-86-
Application Year: 86
Issue Date: 6/13/1986
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: COMBUSTION EQUIPMENT
Contaminants: Nitrogen Oxides
Emission Control: No Controls

Site: 1027458 Ontario Inc.
Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue Windsor ON M3K 1G2

Database:
ECA

Approval No: 3952-9K3QF8
Approval Date: 2014-06-12
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 1027458 Ontario Inc.
Address: Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4918-9JWKQT-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: The Windsor Utilities Commission
From Martinique Avenue to the Town of Tecumseh Border (Mun. No. 9828 to 11906) Windsor ON N8W 5T1

Database:
ECA

Approval No: 9108-7V5HT7
Approval Date: 2009-08-21
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Windsor Utilities Commission
Address: From Martinique Avenue to the Town of Tecumseh Border (Mun. No. 9828 to 11906)
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: 1027458 Ontario Inc.
Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue Windsor ON M3K 1G2

Database:
ECA

Approval No: 1203-9JFJAC
Approval Date: 2014-04-23
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 1027458 Ontario Inc.
Address: Florence Road, Beverly Glen Street, Little River Road, Thunderbay Avenue
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4600-9HANW3-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: Windsor Canada Utilities Ltd.
Wyandotte St E from Riverdale Drive to Florence Avenue Windsor ON N9A 5T7

Database:
ECA

Approval No: 6013-6RUHNN
Approval Date: 2006-07-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Windsor Canada Utilities Ltd.
Address: Wyandotte St E from Riverdale Drive to Florence Avenue
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: The Corporation of the City of Windsor
Wyandotte St E Windsor ON N9A 6S1

Database:
ECA

Approval No: 7157-66DKTG
Approval Date: 2005-01-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Windsor
Address: Wyandotte St E
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5981-64NKLR-14.pdf>

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: The Corporation of the City of Windsor
Wyandotte St E Windsor ON N9A 6S1

Database:
ECA

Approval No: 6592-66DKM8
Approval Date: 2005-01-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: The Corporation of the City of Windsor
Address: Wyandotte St E
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

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-Dec 31, 2020

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 2018

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: Jul 31, 2020

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-Dec 31, 2020

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 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2021

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 - Sep 2020**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: Jul 31, 2020**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-Apr 30, 2021**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-Apr 30, 2021**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- Apr 30, 2021**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-Jan 31, 2021**Environmental Issues Inventory System:**Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

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 / 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, 2020

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: Jul 31, 2020

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-Apr 2021

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: May 31, 2018

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: Jul 31, 2020

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-Jan 31, 2021

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 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Jul 31, 2020

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: Feb 28, 2019

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-Dec 2020

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, 2019

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-Apr 2018

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-Mar 31, 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:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

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 28, 2021

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-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Apr 30, 2021

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-Apr 30, 2021

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: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Apr 30, 2021

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, 1992-2018

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2021

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-Dec 31, 2020

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

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 - Dec 2020

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: Jul 31, 2020

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-Apr 30, 2021

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: Apr 30, 2020

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.