



# SOIL & MATERIALS ENGINEERING INC.

## CONSULTING ENGINEERS

**Issued:** May 23, 2025

**Job No.** 25E018

**Issued To:** CK Mechanical Heating & Cooling Inc.  
3846 Peter St,  
Windsor, ON N9C 1K2

**Attention:** Nawar Talia  
office@ckmechanical.com

**Re:** Waste Disposal Letter for Properties Located at 3858 - 3868 Peter Street, Windsor, Ontario.

---

Dear Nawar Talia,

Soil and Materials Engineering Inc. (SME) is pleased to provide this letter as it serves to address the properties located at 3858 - 3868 Peter Street, Windsor, Ontario, hereinafter referred to as the "site", and potential impacts from waste disposal sites located within a 500-meter radius of the site. Please note that this Waste Disposal Site Letter does not quantify the chemical or physical quality of the site.

This letter was requested by the City of Windsor to the client, CK Mechanical Heating & Cooling Inc., to determine risk associated with intended future developments at the site in relation to Waste Disposal Sites within 500 meters of the site to satisfy the requirements of the "Windsor Official Plan" Volume I, Chapter 5, subsection 5.4.9.

Upon reviewing the Waste Disposal Site Inventory, SME has identified 2 active waste disposal sites and 2 closed waste disposal sites within 500 meters of the site. The following can be summarized for the sites:

**Table 1: Waste Disposal Sites**

Active or closed	Database Information	Address	Distance from site (m)	Description
Active	ERIS	3890 Sandwich St, Windsor, ON	85	The property is located 85 m NW, listed as an active transfer station and occupied by Border City Environmental Services with a receival date of 1/19/76 and an issue date of 7/23/93.

**Table 1: Waste Disposal Sites**

Active or closed	Database Information	Address	Distance from site (m)	Description
Active	ERIS	3565, 3600, and 3665 Russel St, Windsor, ON	400	The property is located 400 m N, listed as an active waste disposal site and occupied by Sterling Fuels Limited with multiple issue dates between 2014-2022.
Closed	MOE – Waste Disposal Site Inventory	UTM Coordinates: E: 328100 N: 4684275 110 Hill Avenue	300	The property is located 300 m NW and listed as a closed waste disposal site as of 1956.
Closed	MOE – Waste Disposal Site Inventory	UTM Coordinates: E: 327775 N: 4683975 4016 Sandwich Street	320	The property is located 320 m W and listed as a closed waste disposal site as of 1955.

Considering the geological and physical characteristics of the Windsor-Essex region, it is pertinent to note the following observations from SME:

- The region is characterized by clay-rich soils, which exhibit low permeability and can impede or slow the movement of contaminants. This reduces the risk of contaminants reaching groundwater or adjacent properties.
- Should contaminants migrate into groundwater or drainage systems, the anticipated direction of groundwater flow would be directed west/northwest towards the Detroit River which is situated 700 m west/northwest of the site. As such, any contaminants which may be present at the listed waste disposal sites would be redirected away from the site and west towards the Detroit River
- Additionally, man-made features such as utility trenches may serve as barriers between the site and the waste disposal site.

Furthermore, both closed waste disposal sites were classified by the MOE as “NP” in the Waste Disposal Site Inventory indicating no potential impact to human health or the environment. Despite less stringent regulations at the time of the publication of the Waste Disposal Site Inventory, SME concludes that due to inferred direction of groundwater flow, regional geology, distance of the waste disposal property from the site and underground utilities there is low probability of adverse environmental impact to the site at 3858 - 3868 Peter Street, arising from the any of the listed waste disposal sites.

Should you have any further questions or require additional information, please do not hesitate to contact us.

**Sincerely,**

**Soil & Materials Engineering Inc.**



Prepared by: T. Page B.A.Sc.  
Engineer-In-Training



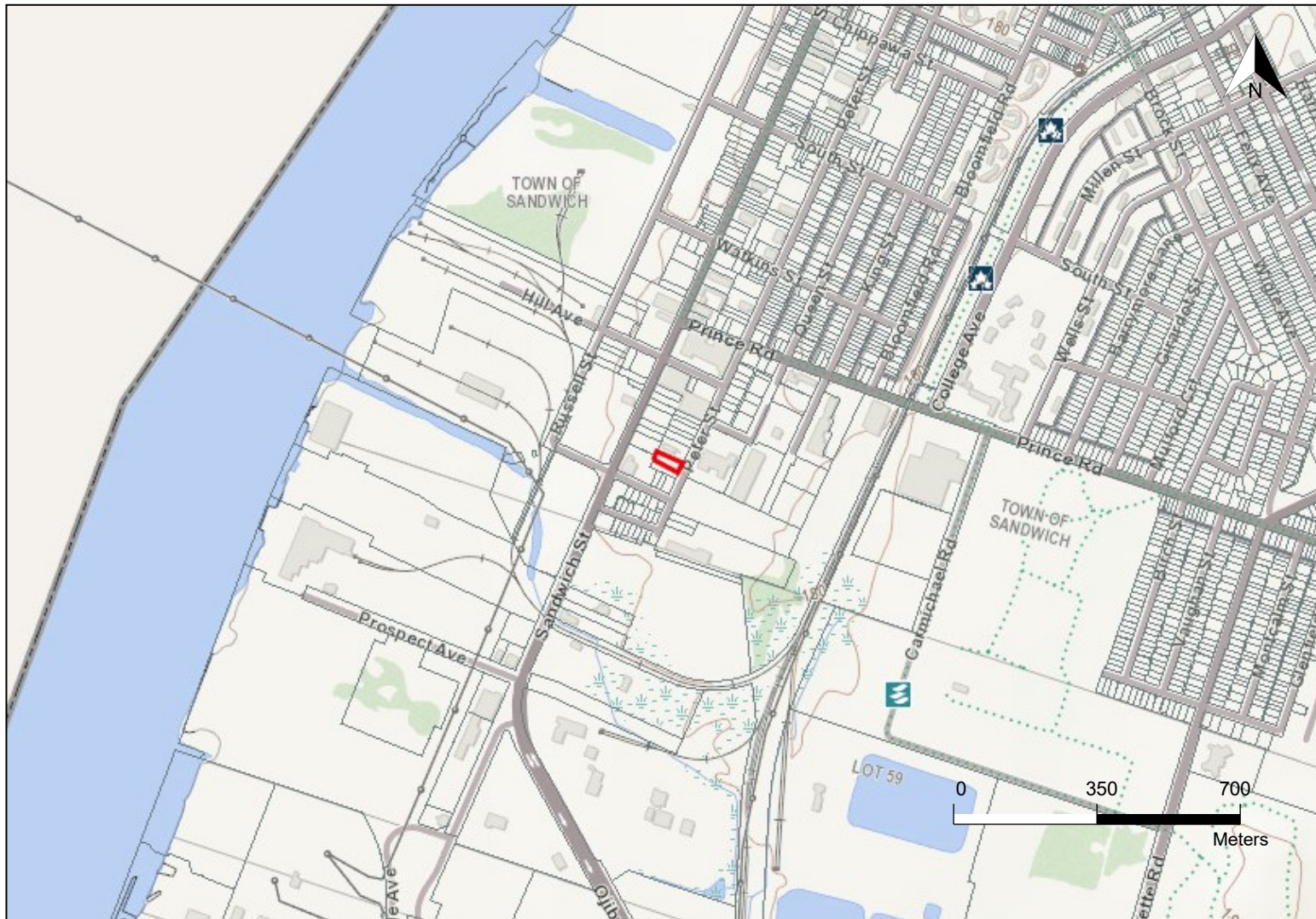
Reviewed by: T. Hooley B.Sc. (Env)  
Environmental Scientist



Final Review by: T. O'Dwyer, P.Eng.  
Consulting Engineer



Enclosures



### Legend



Soil & Materials Engineering Inc.  
2000 Legacy Park Drive  
Windsor, Ontario, N8W 5S6  
T: (510) 966-8863 F: (519) 966-8870

**Title:** Site Map

**Project:** Phase I ESA

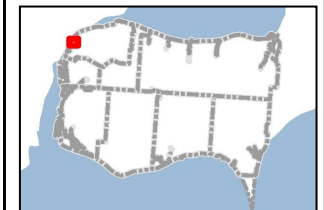
**Location:** 3858—3868 Peter Street,  
Windsor, Ontario

**Job Number:** 25E018

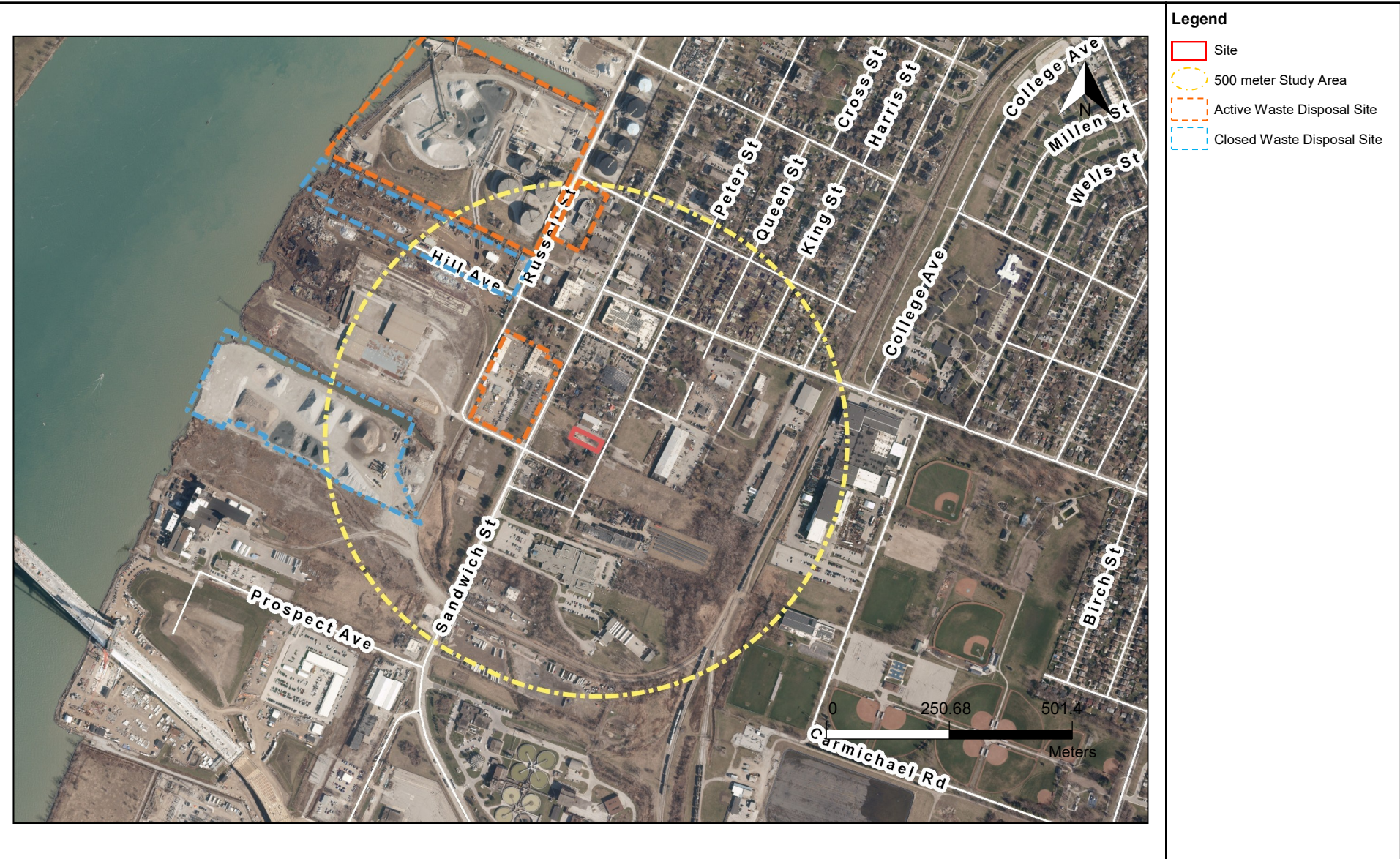
**Client:** CK Mechanical Heating & Cooling Inc.


Revision: 00

**Notes:**







 <p>Soil &amp; Materials Engineering Inc. 2000 Legacy Park Drive Windsor, Ontario, N8W 5S6 T: (510) 966-8863 F: (519) 966-8870</p>	<p><b>Project:</b> Phase I ESA <b>Location:</b> 3858—3868 Peter Street, Windsor, Ontario <b>Job Number:</b> 25E018 <b>Client:</b> CK Mechanical Heating &amp; Cooling Inc. <b>Revision:</b> 00</p>	<p><b>Notes:</b></p> <p>Image depicts waste disposal sites which are located within a 500 meter radius of the site.</p>
<p><b>Title:</b> Study Area</p>		

# APPENDIX A

ERIS Report



# DATABASE REPORT

<b>Project Property:</b>	<i>Waste Disposal Letter 3858 - 3868 Peter Street Windsor ON N9C 1K2</i>
<b>Project No:</b>	<i>25E018</i>
<b>Report Type:</b>	<i>Waste Disposal Site Report</i>
<b>Order No:</b>	<i>25043000525</i>
<b>Requested by:</b>	<i>Soil &amp; Materials Engineering Inc.</i>
<b>Date Completed:</b>	<i>May 5, 2025</i>

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)



# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	9
Map.....	10
Aerial.....	11
Topographic Map.....	12
Detail Report.....	13
Unplottable Summary.....	17
Unplottable Report.....	18
Appendix: Database Descriptions.....	19
Definitions.....	29

## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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

**License for use of information in Report:** No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

**Your Liability for misuse:** Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

**No warranty of Accuracy or Liability for ERIS:** The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

**Trademark and Copyright:** You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.



# Executive Summary

## Property Information:

**Project Property:** *Waste Disposal Letter*  
*3858 - 3868 Peter Street Windsor ON N9C 1K2*

**Project No:** *25E018*

## **Coordinates:**

**Latitude:** *42.2887818*  
**Longitude:** *-83.0823898*  
**UTM Northing:** *4,683,939.86*  
**UTM Easting:** *328,319.74*  
**UTM Zone:** *17T*

**Elevation:** *590 FT*  
*179.85 M*

## Order Information:

**Order No:** *25043000525*  
**Date Requested:** *April 30, 2025*  
**Requested by:** *Soil & Materials Engineering Inc.*  
**Report Type:** *Waste Disposal Site Report*

## Historical/Products:

**ERIS Xplorer** [\*ERIS Xplorer\*](#)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.50 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	<i>N</i>	-	-	-
AGR	<i>Aggregate Inventory</i>	<i>N</i>	-	-	-
AMIS	<i>Abandoned Mine Information System</i>	<i>N</i>	-	-	-
ANDR	<i>Anderson's Waste Disposal Sites</i>	<i>Y</i>	<i>0</i>	<i>0</i>	<i>0</i>
AST	<i>Aboveground Storage Tanks</i>	<i>N</i>	-	-	-
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	<i>N</i>	-	-	-
BORE	<i>Borehole</i>	<i>N</i>	-	-	-
CA	<i>Certificates of Approval</i>	<i>N</i>	-	-	-
CDRY	<i>Dry Cleaning Facilities</i>	<i>N</i>	-	-	-
CFOT	<i>Commercial Fuel Oil Tanks</i>	<i>N</i>	-	-	-
CHEM	<i>Chemical Manufacturers and Distributors</i>	<i>N</i>	-	-	-
CHM	<i>Chemical Register</i>	<i>N</i>	-	-	-
CNG	<i>Compressed Natural Gas Stations</i>	<i>N</i>	-	-	-
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	<i>N</i>	-	-	-
CONV	<i>Compliance and Convictions</i>	<i>N</i>	-	-	-
CPU	<i>Certificates of Property Use</i>	<i>N</i>	-	-	-
DRL	<i>Drill Hole Database</i>	<i>N</i>	-	-	-
DTNK	<i>Delisted Fuel Tanks</i>	<i>N</i>	-	-	-
EASR	<i>Environmental Activity and Sector Registry</i>	<i>N</i>	-	-	-
EBR	<i>Environmental Registry</i>	<i>N</i>	-	-	-
ECA	<i>Environmental Compliance Approval</i>	<i>N</i>	-	-	-
EEM	<i>Environmental Effects Monitoring</i>	<i>N</i>	-	-	-
EHS	<i>ERIS Historical Searches</i>	<i>N</i>	-	-	-
EIIS	<i>Environmental Issues Inventory System</i>	<i>N</i>	-	-	-
EMHE	<i>Emergency Management Historical Event</i>	<i>N</i>	-	-	-
EPAR	<i>Environmental Penalty Annual Report</i>	<i>N</i>	-	-	-
EXP	<i>List of Expired Fuels Safety Facilities</i>	<i>N</i>	-	-	-
FCON	<i>Federal Convictions</i>	<i>N</i>	-	-	-
FCS	<i>Contaminated Sites on Federal Land</i>	<i>N</i>	-	-	-
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	<i>N</i>	-	-	-
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	<i>N</i>	-	-	-
FST	<i>Fuel Storage Tank</i>	<i>N</i>	-	-	-
FSTH	<i>Fuel Storage Tank - Historic</i>	<i>N</i>	-	-	-
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	<i>N</i>	-	-	-
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	<i>N</i>	-	-	-
HINC	<i>TSSA Historic Incidents</i>	<i>N</i>	-	-	-
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	<i>N</i>	-	-	-

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.50 km</b>	<b>Total</b>
INC	<i>Fuel Oil Spills and Leaks</i>	N	-	-	-
LIMO	<i>Landfill Inventory Management Ontario</i>	N	-	-	-
MINE	<i>Canadian Mine Locations</i>	N	-	-	-
MNR	<i>Mineral Occurrences</i>	N	-	-	-
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	N	-	-	-
NCPL	<i>Non-Compliance Reports</i>	N	-	-	-
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	N	-	-	-
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	N	-	-	-
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	N	-	-	-
NEBI	<i>National Energy Board Pipeline Incidents</i>	N	-	-	-
NEBP	<i>National Energy Board Wells</i>	N	-	-	-
NEES	<i>National Environmental Emergencies System (NEES)</i>	N	-	-	-
NPCB	<i>National PCB Inventory</i>	N	-	-	-
NPR2	<i>National Pollutant Release Inventory</i>	N	-	-	-
NPRI	<i>National Pollutant Release Inventory - Historic</i>	N	-	-	-
OGWE	<i>Oil and Gas Wells</i>	N	-	-	-
OOGW	<i>Ontario Oil and Gas Wells</i>	N	-	-	-
OPCB	<i>Inventory of PCB Storage Sites</i>	N	-	-	-
ORD	<i>Orders</i>	N	-	-	-
PAP	<i>Canadian Pulp and Paper</i>	N	-	-	-
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	N	-	-	-
PES	<i>Pesticide Register</i>	N	-	-	-
PFAS	<i>Ontario PFAS Spills</i>	N	-	-	-
PFCH	<i>NPRI Reporters - PFAS Substances</i>	N	-	-	-
PFHA	<i>Potential PFAS Handlers from NPRI</i>	N	-	-	-
PINC	<i>Pipeline Incidents</i>	N	-	-	-
PPHA	<i>Potential PFAS Handlers from EASR</i>	N	-	-	-
PRT	<i>Private and Retail Fuel Storage Tanks</i>	N	-	-	-
PTTW	<i>Permit to Take Water</i>	N	-	-	-
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	N	-	-	-
RSC	<i>Record of Site Condition</i>	N	-	-	-
RST	<i>Retail Fuel Storage Tanks</i>	N	-	-	-
SCT	<i>Scott's Manufacturing Directory</i>	N	-	-	-
SPL	<i>Ontario Spills</i>	N	-	-	-
SRDS	<i>Wastewater Discharger Registration Database</i>	N	-	-	-
TANK	<i>Anderson's Storage Tanks</i>	N	-	-	-
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	N	-	-	-
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	N	-	-	-
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	4	4
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	N	-	-	-

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.50 km</i>	<i>Total</i>
<hr/>					
		<b>Total:</b>	0	4	4



# Executive Summary: Site Report Summary - Project Property

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

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

## Executive Summary: Site Report Summary - Surrounding Properties

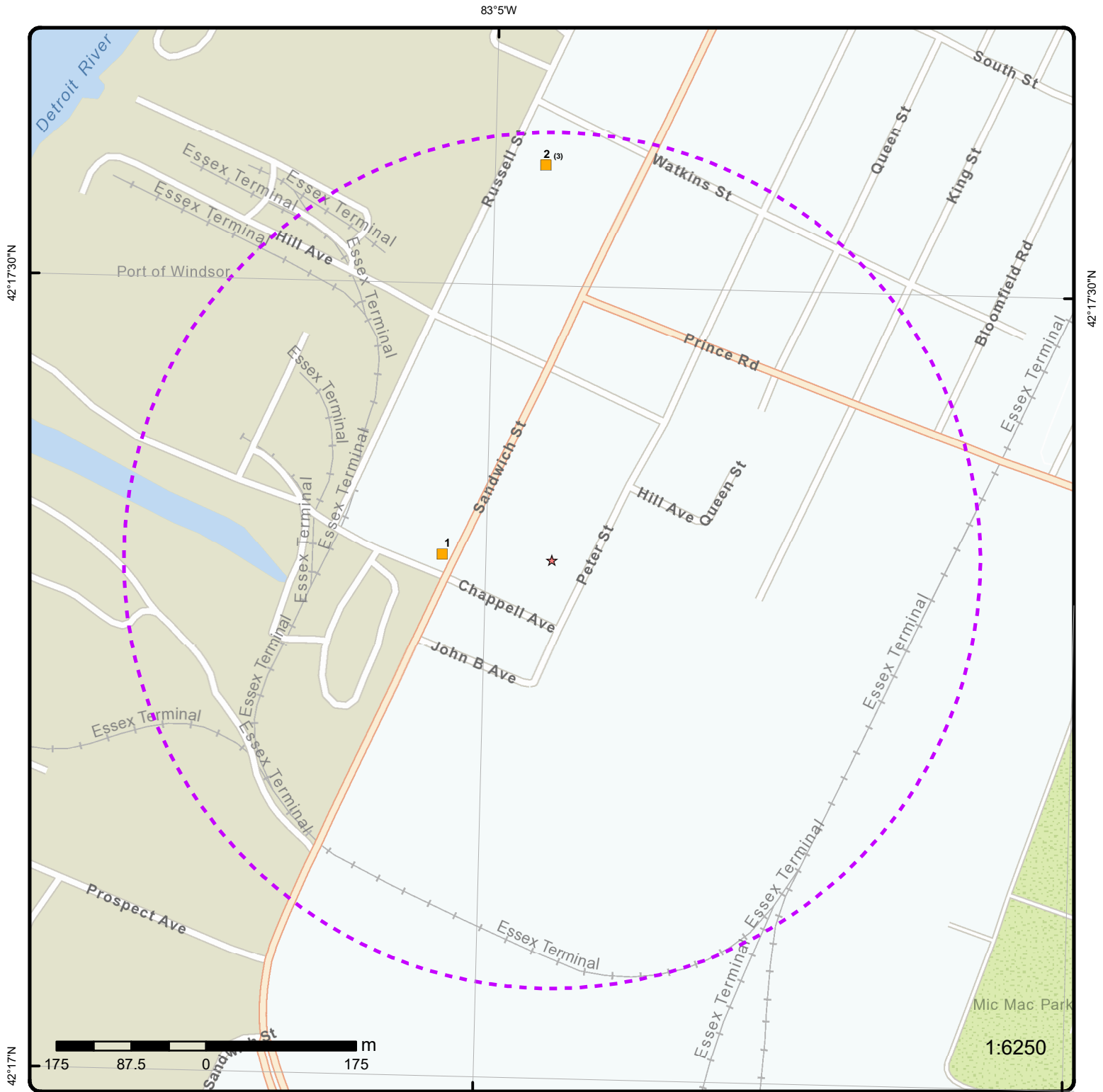
<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>1</u></a>	WDS	BORDER CITY ENVIRONMENTAL SERV	3890 SANDWICH STREET ON	W/128.6	0.00	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	WDS	Sterling Fuels Limited	3565, 3600, and 3665 Russel St Windsor ON N9C 3Z1	N/461.5	0.00	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	WDS	Sterling Fuels Limited	3665 Russel St Windsor ON N9C 3Z1	N/461.5	0.00	<a href="#"><u>14</u></a>
<a href="#"><u>2</u></a>	WDS	Sterling Fuels Limited	3565, 3600, and 3665 Russel St Windsor ON N9C 3Z1	N/461.5	0.00	<a href="#"><u>15</u></a>

# Executive Summary: Summary By Data Source

## **WDS - Waste Disposal Sites - MOE CA Inventory**

A search of the WDS database, dated Oct 2011 - Mar 31, 2025 has found that there are 4 WDS site(s) within approximately 0.50 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
BORDER CITY ENVIRONMENTAL SERV	3890 SANDWICH STREET ON	W	128.56	<a href="#"><u>1</u></a>
Sterling Fuels Limited	3565, 3600, and 3665 Russel St Windsor ON N9C 3Z1	N	461.54	<a href="#"><u>2</u></a>
Sterling Fuels Limited	3665 Russel St Windsor ON N9C 3Z1	N	461.54	<a href="#"><u>2</u></a>
Sterling Fuels Limited	3565, 3600, and 3665 Russel St Windsor ON N9C 3Z1	N	461.54	<a href="#"><u>2</u></a>



## Map: 0.5 Kilometer Radius

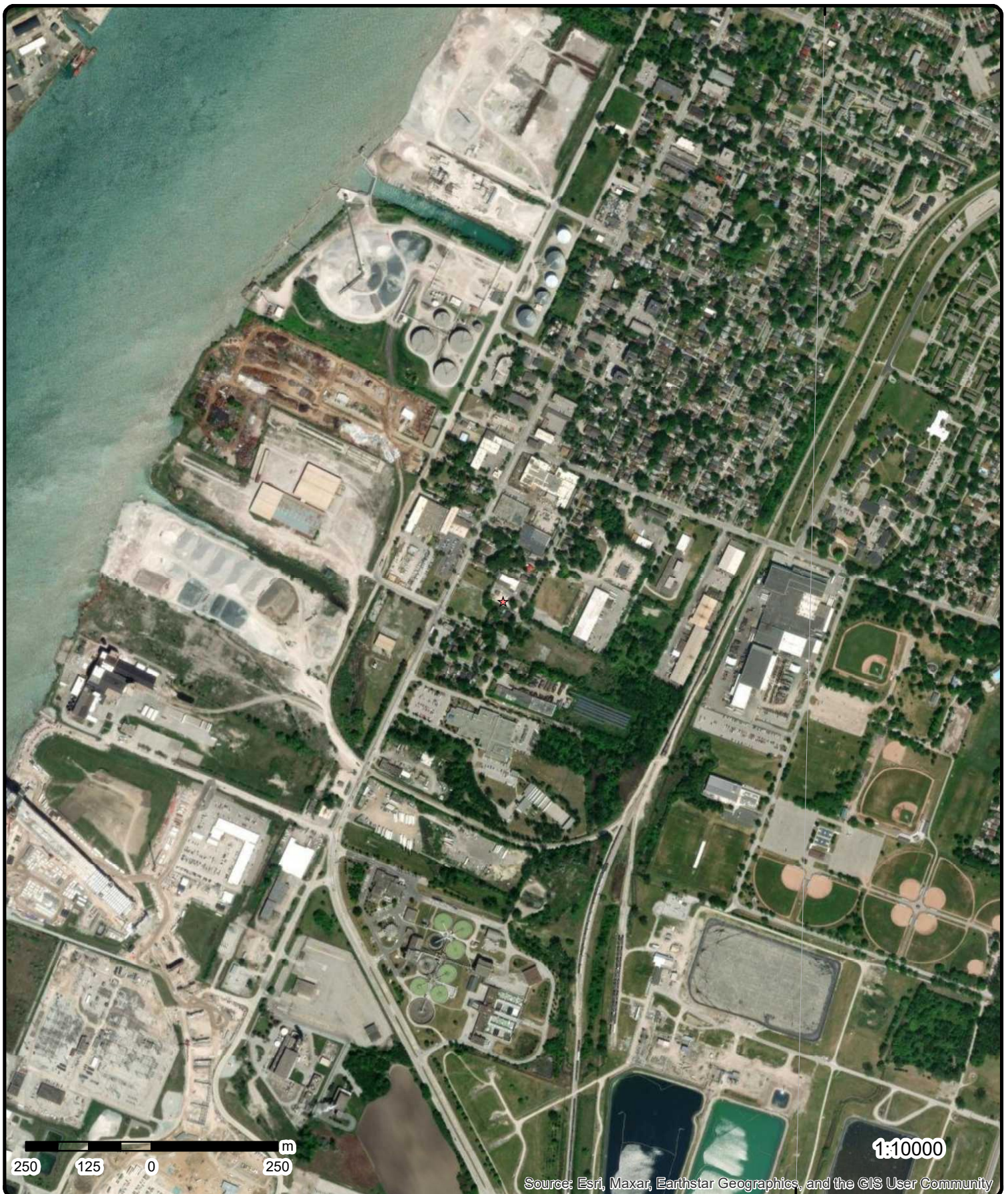
Order Number: 25043000525

Address: 3858 - 3868 Peter Street, Windsor, ON



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





**Aerial**      Year: 2023

Order Number: 25043000525

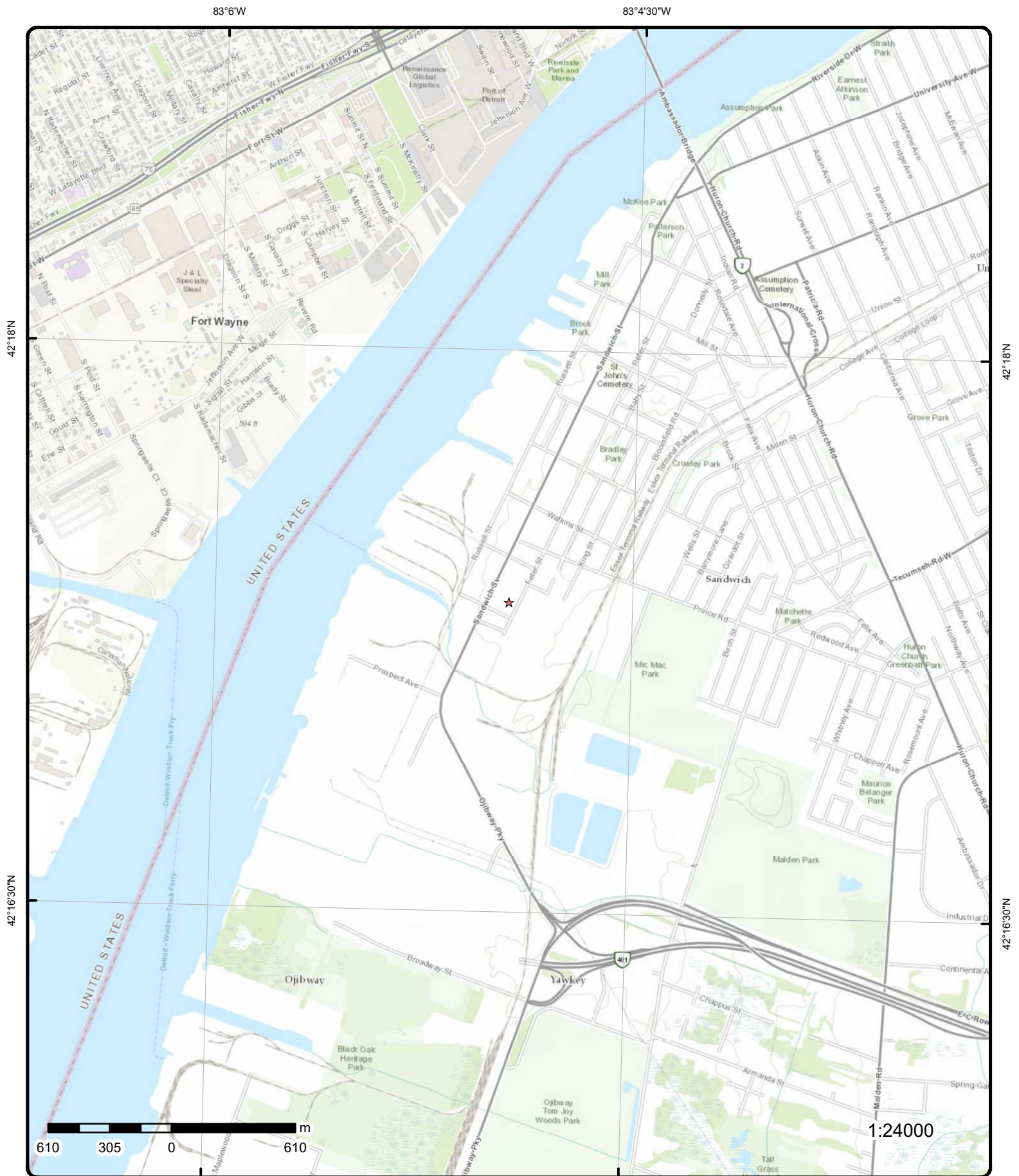
**Address: 3858 - 3868 Peter Street, Windsor, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership





# Topographic Map

Address: 3858 - 3868 Peter Street, ON

Source: ESRI World Topographic Map

Order Number: 25043000525



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	W/128.6	179.9 / 0.00	<b>BORDER CITY ENVIRONMENTAL SERV 3890 SANDWICH STREET ON</b>	<b>WDS</b>
<div> <div> <b>Approval No:</b> A010105  <b>Mob Unit Cert No:</b>  <b>EBR Registry No:</b>  <b>Status:</b> Approved  <b>Facility Type:</b> Transfer Station  <b>Record Type:</b>  <b>Link Source:</b>  <b>Project Type:</b>  <b>Application Status:</b>  <b>Issue Date:</b> 11/11/1111  <b>Input Date:</b> 7/23/93  <b>Date Received:</b> 1/19/76  <b>Est Closure Date:</b>  <b>Mobile Capacity:</b> 0  <b>Mobile Units:</b>  <b>Mobile Description:</b>  <b>Prop City:</b> WINDSOR, ONTARIO  <b>Prop Postal:</b> N9C-1C1  <b>Prop Phone:</b>  <b>Serial Link:</b> 010105  <b>Approval Type:</b>  <b>Proponent:</b> 619637 ONT. LTD.  <b>Prop Address:</b> 3890 SANDWICH STREET  <b>Proponent County/District:</b>  <b>Full Address:</b>  <b>Site Lot:</b>  <b>Waste Class Code:</b>  <b>Waste Class:</b>  <b>Waste Type:</b>  <b>Waste Type Other:</b> No  <b>Waste Description:</b>  <b>Landfill Monitoring:</b>  <b>Landfill Ctrl Type:</b>  <b>Site Closing Description:</b>  <b>Project Description:</b>  <b>Municipalities Served:</b>  <b>Approval Description:</b>  <b>Other Approvals/Permits:</b>  <b>PDF URL:</b>  <b>PDF Site Location:</b> </div> <div> <b>Total Area (ha):</b> 0  <b>Landfill Cap (m³):</b> 0  <b>Transfer Area (ha):</b> 0  <b>Transfer Cap (m³):</b> 0  <b>Transfer Cert No:</b>  <b>Inciner. Area (ha):</b> 0  <b>Inciner. Cap (t):</b> 0  <b>Process Area (m³):</b> 0  <b>Process Cap (m³/d):</b> 0  <b>Process Vol (m³):</b> 0  <b>Process Feed (m³):</b> 0  <b>Site Concession:</b>  <b>Site Region/County:</b> WINDSOR  <b>SWP Area Name:</b>  <b>MOE District:</b>  <b>District Office:</b> Windsor  <b>Latitude:</b>  <b>Longitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b> </div> </div>					

<a href="#">2</a>	1 of 3	N/461.5	179.9 / 0.00	<b>Sterling Fuels Limited 3565, 3600, and 3665 Russel St Windsor ON N9C 3Z1</b>	<b>WDS</b>
<div> <div> <b>Approval No:</b> 2994-9R9QYZ  <b>Mob Unit Cert No:</b>  <b>EBR Registry No:</b>  <b>Status:</b> Approved  <b>Facility Type:</b> </div> <div> <b>Total Area (ha):</b>  <b>Landfill Cap (m³):</b>  <b>Transfer Area (ha):</b>  <b>Transfer Cap (m³):</b>  <b>Transfer Cert No:</b> </div> </div>					

<a href="#">2</a>	2 of 3	N/461.5	179.9 / 0.00	Sterling Fuels Limited 3665 Russel St Windsor ON N9C 3Z1	WDS
<b>Approval No:</b>	2994-9R9QYZ			<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>				<b>Landfill Cap (m³):</b>	
<b>EBR Registry No:</b>				<b>Transfer Area (ha):</b>	
<b>Status:</b>	Amended			<b>Transfer Cap (m³):</b>	
<b>Facility Type:</b>				<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA			<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS			<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES			<b>Process Area (m³):</b>	
<b>Application Status:</b>				<b>Process Cap (m³/d):</b>	
<b>Issue Date:</b>	2014-12-09			<b>Process Vol (m³):</b>	
<b>Input Date:</b>				<b>Process Feed (m³):</b>	
<b>Date Received:</b>				<b>Site Concession:</b>	
<b>Est Closure Date:</b>				<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>				<b>SWP Area Name:</b>	
<b>Mobile Units:</b>				<b>MOE District:</b>	
<b>Mobile Description:</b>				<b>District Office:</b>	
<b>Prop City:</b>				<b>Latitude:</b>	
<b>Prop Postal:</b>				<b>Longitude:</b>	
<b>Prop Phone:</b>				<b>Geometry X:</b>	
<b>Serial Link:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE DISPOSAL SITES				
<b>Proponent:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> 3665 Russel St <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7734-9CXQS4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7734-9CXQS4-14.pdf</a> <b>PDF Site Location:</b>					
<a href="#">2</a>	3 of 3	N/461.5	179.9 / 0.00	<b>Sterling Fuels Limited</b> <b>3565, 3600, and 3665 Russel St</b> <b>Windsor ON N9C 3Z1</b>	WDS
<b>Approval No:</b> 2994-9R9QYZ <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> Approved <b>Facility Type:</b> <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>Project Type:</b> WASTE DISPOSAL SITES <b>Application Status:</b> <b>Issue Date:</b> 2018-09-14 <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> ECA-WASTE DISPOSAL SITES <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> 3565, 3600, and 3665 Russel St <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2668-AYSPPX-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2668-AYSPPX-14.pdf</a> <b>PDF Site Location:</b>					
<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> Essex <b>MOE District:</b> Windsor <b>District Office:</b> <b>Latitude:</b> 42.292503 <b>Longitude:</b> -83.0833 <b>Geometry X:</b> <b>Geometry Y:</b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
----------------	------------------------------	------------------------------------	--------------------------	-------------	-----------

---

# Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
----	------------------------	---------	------	--------

## Unplottable Report

No unplottable records were found that may be relevant for the search criteria.



## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

**AAGR**

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

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial

**AGR**

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

**Government Publication Date: Up to Nov 2024**

### **Abandoned Mine Information System:**

Provincial

**AMIS**

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

**Government Publication Date: 1800-Apr 2024**

### **Anderson's Waste Disposal Sites:**

Private

**ANDR**

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

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial

**AST**

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

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private

**AUWR**

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

**Government Publication Date: 1999-Apr 30, 2024**

### **Borehole:**

Provincial

**BORE**

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

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**Provincial [CA](#)

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

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**Federal [CDRY](#)

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

**Government Publication Date: Jan 2004-Dec 2022**

**Commercial Fuel Oil Tanks:**Provincial [CFOT](#)

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

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

**Government Publication Date: Oct 2023**

**Chemical Manufacturers and Distributors:**Private [CHEM](#)

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

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**Private [CHM](#)

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

**Government Publication Date: 1999-Apr 30, 2024**

**Compressed Natural Gas Stations:**Private [CNG](#)

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

**Government Publication Date: Dec 2012 -Feb 2025**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**Provincial [COAL](#)

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

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**Provincial [CONV](#)

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

**Government Publication Date: 1989-Mar 2025**

**Certificates of Property Use:**Provincial [CPU](#)

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

**Government Publication Date: 1994 - Feb 28, 2025**

**Drill Hole Database:**

Provincial

[DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Aug 2024**

**Delisted Fuel Tanks:**

Provincial

[DTNK](#)

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

**Government Publication Date: Oct 2023**

**Environmental Activity and Sector Registry:**

Provincial

[EASR](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2025**

**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 - Feb 28, 2025**

**Environmental Compliance Approval:**

Provincial

[ECA](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2025**

**Environmental Effects Monitoring:**

Federal

[EEM](#)

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

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private

[EHS](#)

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

**Government Publication Date: 1999-Aug 31, 2024**

**Environmental Issues Inventory System:**

Federal

[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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Apr 30, 2022****Environmental Penalty Annual Report:**

Provincial

EPAR

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2024****List of Expired Fuels Safety Facilities:**

Provincial

EXP

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

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

**Government Publication Date: Oct 2023****Federal Convictions:**

Federal

FCON

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

**Government Publication Date: 1988-Jun 2007\*****Contaminated Sites on Federal Land:**

Federal

FCS

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

**Government Publication Date: Jun 2000-Jan 2025****Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

**Government Publication Date: 1964-Sep 2019****Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

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

**Government Publication Date: Oct 31, 2021****Fuel Storage Tank:**

Provincial

FST

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

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

**Government Publication Date: Oct 2023**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Jun 30, 2024**

**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-Apr 2024**

**TSSA Historic Incidents:**

Provincial

HINC

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

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

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

**Government Publication Date: 31 Oct, 2023**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

**Government Publication Date: Mar 31, 2022**

**Canadian Mine Locations:**

Private

MINE

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

**Government Publication Date: 1998-2009\***



**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Feb 2025**

**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 Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

**Government Publication Date: Dec 31, 2023**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

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

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

**Government Publication Date: Mar 1999-Nov 2023**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

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

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Dec 31, 2024**

**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

NPR2

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

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

Federal

NPRI

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

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

Private

OGWE

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

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

Provincial

OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database includes well owner/operator, location, permit issue date, and well cap date, license number, status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provided for each well record.

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

Provincial

OPCB

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

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

Provincial

ORD

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

**Government Publication Date: 1994 - Feb 28, 2025**

**Canadian Pulp and Paper:**

Private

PAP

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

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

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

**Government Publication Date:** 1920-Jan 2005\*

**Pesticide Register:**

Provincial

PES

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

**Government Publication Date:** Oct 2011-Mar 31, 2025

**Ontario PFAS Spills:**

Provincial

PFAS

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

**Government Publication Date:** 1988-Jun 2024; Aug 2024; Oct-Nov 2024

**NPRI Reporters - PFAS Substances:**

Federal

PFCH

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

**Government Publication Date:** Feb 2024

**Potential PFAS Handlers from NPRI:**

Federal

PFHA

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

**Government Publication Date:** Feb 2024

**Pipeline Incidents:**

Provincial

PINC

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

**Government Publication Date:** Feb 28, 2021

**Potential PFAS Handlers from EASR:**

Provincial

PPHA

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

**Government Publication Date:** Jun 30, 2024

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

**Government Publication Date:** 1989-1996\*

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date:** 1994 - Feb 28, 2025

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

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

**Government Publication Date:** 1986-1990, 1992-2021

**Record of Site Condition:**

Provincial

RSC

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

**Government Publication Date:** 1997-Sept 2001, Oct 2004-Mar 2025

**Retail Fuel Storage Tanks:**

Private

RST

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

**Government Publication Date:** 1999-Apr 30, 2024

**Scott's Manufacturing Directory:**

Private

SCT

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

**Government Publication Date:** 1992-Mar 2011\*

**Ontario Spills:**

Provincial

SPL

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

**Government Publication Date:** 1988-Jun 2024; Aug-Jan 2025

**Wastewater Discharger Registration Database:**

Provincial

SRDS

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

**Government Publication Date:** 1990-Dec 31, 2021

**Anderson's Storage Tanks:**

Private

TANK

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

**Government Publication Date:** 1915-1953\*

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

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

**Government Publication Date:** 1970 - Apr 2024

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011 - Mar 31, 2025**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Dec 31 2023**



# Definitions

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

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

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

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

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

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

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

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

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

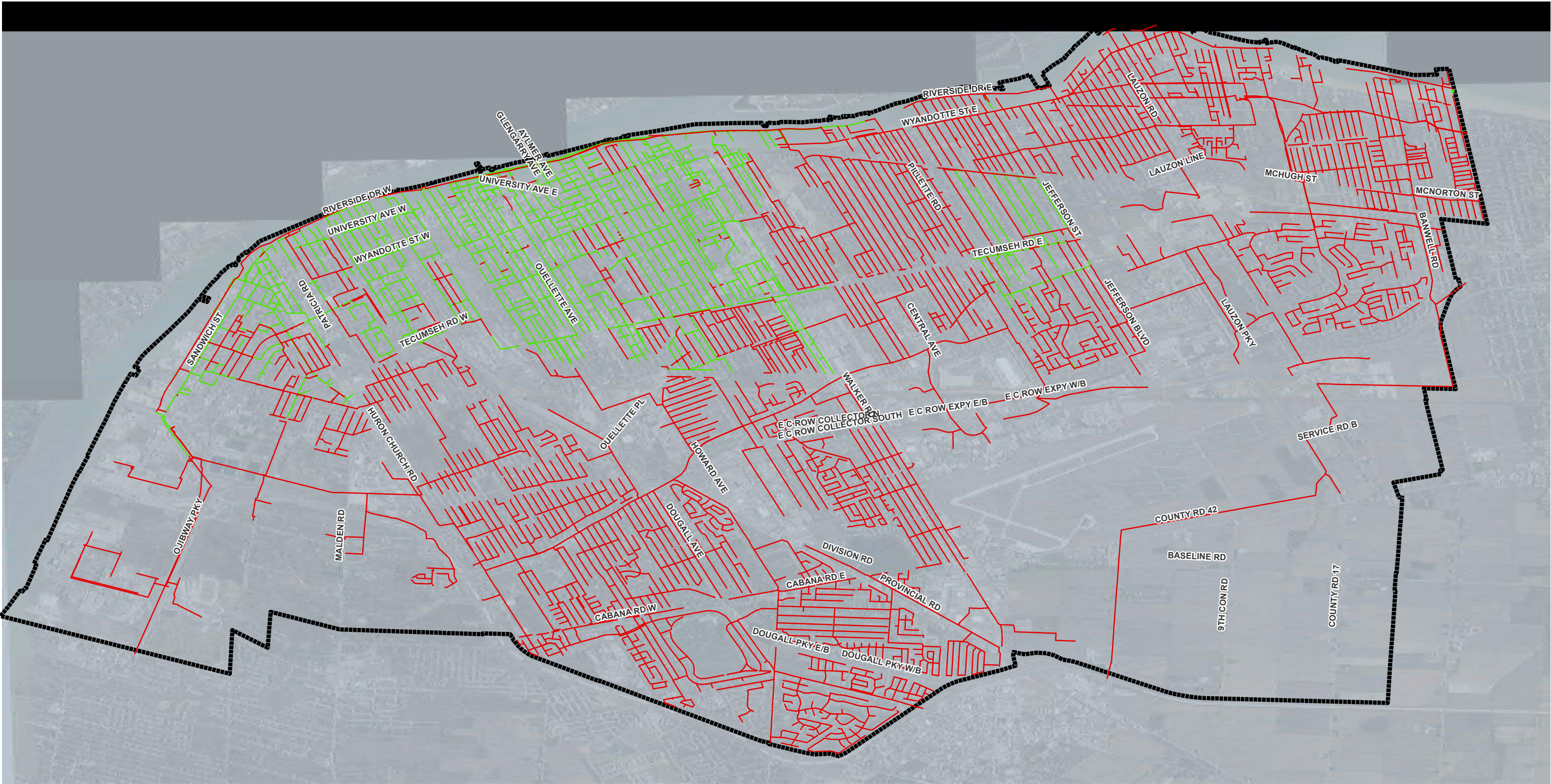
**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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

# APPENDIX B

Utility Maps



**CITY OF WINDSOR**  
SEWER AND COASTAL FLOOD  
PROTECTION MASTER PLAN

**City of Windsor Sewer System -  
Sanitary Sewers**

Figure 1-5



STUDY AREA



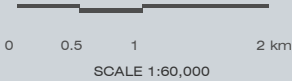
COMBINED SEWER



SANITARY SEWER



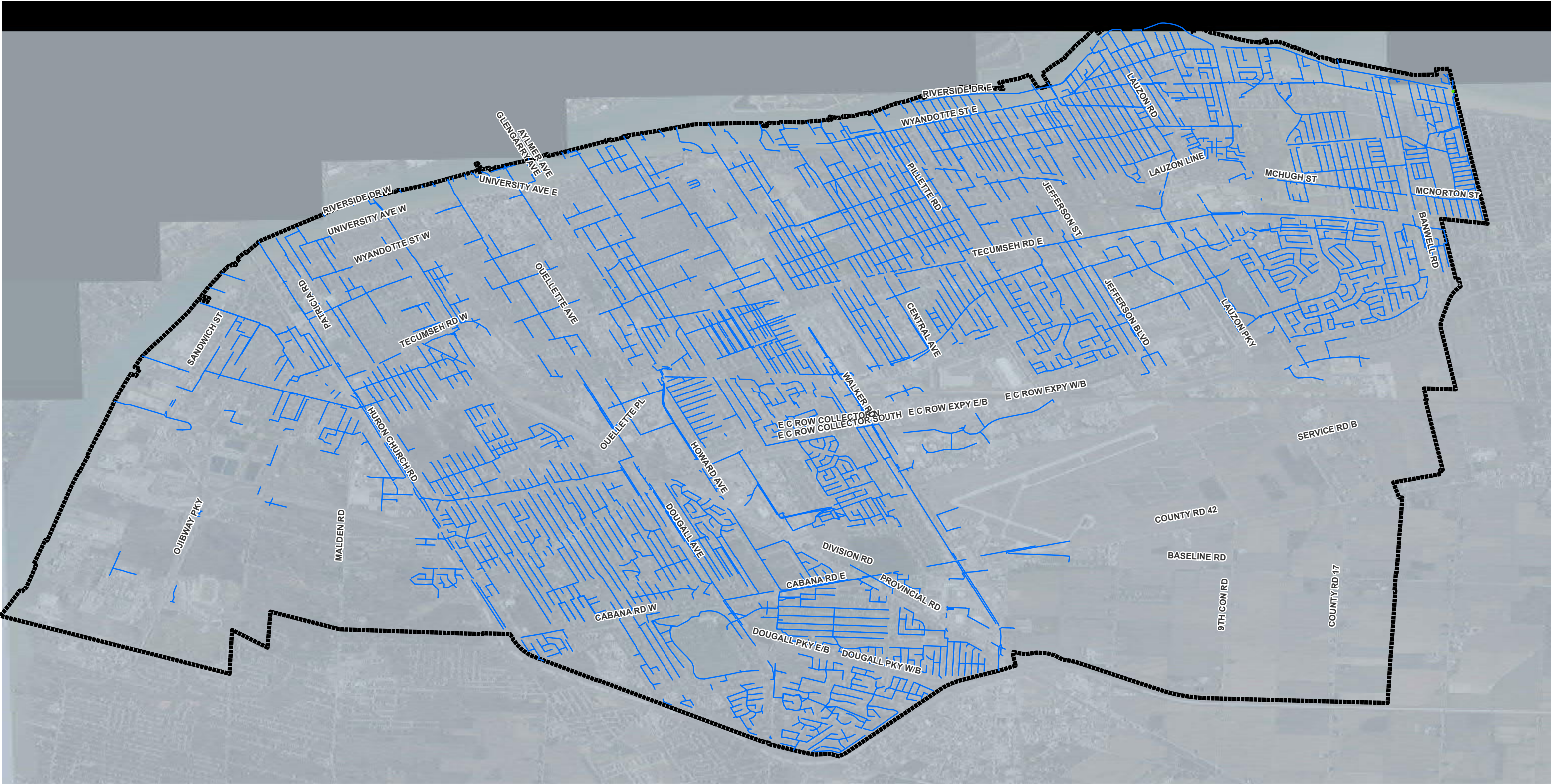
MAP CREATED BY: IDW  
MAP CHECKED BY: LMH  
MAP PROJECTION: NAD 1983 UTM Zone 17N



DUAL MANHOLE AREA

PROJECT: 17-6638 COMBINED SEWER AREA  
STATUS: FINAL DATE: 10/22/20







**CITY OF WINDSOR**  
SEWER AND COASTAL FLOOD  
PROTECTION MASTER PLAN

**City of Windsor Sewer System -  
Storm Sewers**

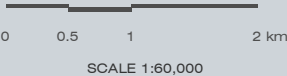
Figure 1-5



-  STUDY AREA
-  STORM SEWER



MAP CREATED BY: IDW  
MAP CHECKED BY: LMH  
MAP PROJECTION: NAD 1983 UTM Zone 17N



DUAL MANHOLE AREA