November 29, 2021

2669006 Ontario Inc. c/o
Better Life Development
30 Harding Blvd West, Unit 210
Richmond Hill, ON, L4C 9M3

Attention: Ms. Kimberley Harrison-McMillan

Re: GTR-00801656-F0 Phase One Environmental Site Assessment Update
4103 Palladium Way, Burlington, Ontario

Dear Ms. Harrison-McMillan:

EXP Services Inc. (EXP) was retained by 2669006 Ontario Inc. c/o Better Life Development to complete a Phase One Environmental Site Assessment (ESA) update at the above noted property. For the purposes of this report, the terms "site" and "Phase One property" refer to the property with the municipal address of 4103 Palladium Way in Burlington.

A Phase One ESA was completed by EXP Services Inc. in compliance with Ontario Regulation (O.Reg.) 153/04 in 2019. The objective of this Phase One ESA Update is to assess if there have been any material changes to the site or the Phase One Study Area since the previous Phase One ESA by EXP Services Inc in order to support the filing of a Record of Site Condition (RSC) under O.Reg. 153/04.

The ESA Update included a review of historical records pertaining to the site and surrounding properties since 2019, a walk-through inspection of the site, a walk-by survey of the surrounding properties, and an evaluation of all information collected. Historical sources of information reviewed included archival aerial photographs and selected Ministry of the Environment, Conservation and Parks (MECP) databases and inventories since 2019. The documentation review included an updated search of applicable federal and provincial government and private source databases through Environmental Risk Information Services Ltd. (ERIS) since 2019. Information for the site was requested from the Technical Standards and Safety Authority (TSSA), and the MECP Freedom of Information (FOI) office since 2019.

The Phase I ESA Update did not include the review of the following environmental information since they do not cover any environmental records post 2019 and were previously reviewed within the Phase I ESA:

- Fire Insurance Plans
- Chain of Title
- Municipal Records (none published after 2000)

As these records predate 2019 and are not subject to change, they were not provided in this update but were used to determine areas of potential environmental concern (APECs) at the site based on conclusions in the 2019 Phase One ESA. Our Limitations and Use of Report are attached as Appendix A.

EXP personnel who conducted assessment work for this project included Mr. Samuel Lee (QP_{ESA}), and Ms. Polina Konopelko. An outline of their qualifications is provided in Appendix B.

1. Site Description

The site is located at 4103 Palladium Way, Burlington, Ontario as shown on Figure 1. It is located on the west side of Palladium Way, east of Walkers Line, south and east of Highway No. 407 in the central east area of the Alton Community. Details of the site are as follows:

Municipal Address	4103 Palladium Way, Burlington, Ontario
Current Land Use	Vacant
Proposed Land Use	Long term care facility and retirement home (Residential)
Legal Description	Part Lots 10 Con 1 NDS (Nelson)
Property Identification Number (PIN)	07202-3885 (LT)
Approximate Universal Transverse Mercator (UTM) coordinates	NAD83 17T 594723 m E 4805702 m N
Accuracy Estimate of UTM	10-15 m
Measurement Method	Georeferenced aerial photograph
Site Area	1.48 hectares (3.65 acres)
Property Owners	2669006 Ontario Inc.

2. Site Conditions (Topography and Geology)

The site is located in an area characterized by the Halton Till (Ontario-Erie lobe) quaternary which is an area with predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor (Ontario Geological Survey, 2000).

According to the Ontario Geological Survey map of the area, the bedrock in the general area of the Site is part of a group belonging to the Queenston Formation consisting of shale, limestone, dolostone and siltstone.

The topography in the vicinity of the subject property is generally flat, with a slope upwards towards Walkers Line, and the elevation of the Site is approximately 159 m above sea level. A review of the topographic map indicated that a tributary of Appleby Creek is located approximately 10 m north and 40 m east of the Site and flows southernly to Lake Ontario, located approximately 8.2 km south of the Site. Based on local topography and the proximity to the tributary of Appleby Creek, the anticipated groundwater flow direction is to the east/southeast.

3. Record Review

3.1 Previous Environmental Reports

A summary of the previous environmental reports is provided below:

Table 3.1: Previous Reports Summary

Date	Report Title	Prepared For	Prepared By	Findings
October 10, 2019	Phase One Environmental Site	Better Life Development	EXP Services Inc	EXP Services Inc conducted a Phase One Environmental Site Assessment (ESA) for the site, in accordance with O.Reg. 153/04 as amended.

Date	Report Title	Prepared For	Prepared By	Findings
	Assessment, 4103 Palladium Way, Burlington, Ontario			The site has been vacant agricultural field since 1934 and vacant field circa 2018. According to the findings of ERIS's search, no oil, gas or salt wells were located on-Site or within the Phase One Study Area. According to the MECP, a search of the files of the Ministry's Halton-Peel District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, did not identify any records for the Site. The TSSA database showed no records for the Site and properties within the Phase One Study Area. Based on the visual reconnaissance of adjacent and surrounding properties within the Phase One Study Area, the following property was identified as having operations that contribute towards a potentially contaminating activity (PCA): • Glesco Dry Cleaners, located at 4040-4050 Palladium Way, southeast from the Phase One Study Area. It was noted that Glesco Dry Cleaners property was no longer operational and was available for lease at the time of Phase One ESA. In addition, based on the information provided in EcologERIS, the dry cleaner was not listed as a registered waste generator. Based on the findings of the Phase One ESA and conclusions, a Phase Two ESA was not required prior to filing a Record of Site Condition (RSC).
March 16, 2020	Phase One ESA-Memorandum, 4103 Palladium Way, Burlington, ON	City of Burlington, Capital Works Department, Development & Stormwater Engineering Section	EXP Services Inc	EXP Services Inc. (EXP), on behalf of Better Life Retirement (Owner), provided an environmental memorandum for the property located at 4103 Palladium Way in Burlington, ON. Better Life Retirement proposed the development of a six story long term care facility building. Part of the ground floor was proposed to include commercial rental space to accommodate uses complementary to the main use of long term Care facility including a pharmacy, medical clinic and day care center. The comments provided by the City of Burlington dated December 5, 2019, stated that the Geotechnical Investigation completed by EXP, the fill was encountered at all but one borehole location whereas the Phase One ESA completed by EXP

Date	Report Title	Prepared For	Prepared By	Findings
				(dated October 10, 2019) indicated that fill material was not expected to be present. The following explanation was provided: • In the geotechnical report, the "fill material" reference to geotechnical suitability for construction. It is related to low N-values, high organic material inclusion (i.e. topsoil), soil disturbance etc. • For environmental purposes, "fill material" is defined when there is potential for soil material to have been imported and as such of unknown quality. Based on the review of the borehole logs from the Geotechnical Investigation, the soil composition of fill material was noted to be similar to the native material. The encountered fill material was assumed to be a reworked native material during historic grading activities. From an environmental assessment perspective, reworked native material is not considered as "fill material"; as such, this item was not considered an environmental concern to the site confirming that a Phase Two Environmental Site Assessment was not required. The findings of the memorandum and the application of re-zoning was approved by City of Burlington

3.2 Ontario Ministry of the Environment Records

3.2.1 Ministry of the Environment, Conservation and Parks (MECP)

A search of provincial, federal and private environmental databases for records pertaining to the Site and properties within the Phase One Study Area was completed by Environmental Risk Information Services (ERIS) on May 31, 2019 during the 2019 Phase One ESA. A new search was completed by ERIS on November 22, 2021. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the ERIS report is provided in Appendix F.

Based on the reviewed of the updated ERIS Database report on November 22, 2021. No new environmental records or database was found to contribute a new Potential Contaminating Activities (PCAs) since 2019 Phase One ESA.

3.2.2 Ministry of the Environment, Conservation and Parks (MECP)

The MECP was contacted through the Freedom of Information and Protection of Privacy Act (FOI) for copies of any records they had pertaining to the Site on November 17, 2021. However, the FOI response has not been received at the time of writing this report.

It should be noted that written response from the MECP was received on August 19, 2019 at the time of 2019 Phase One ESA. According to the MECP, a search of the files of the Ministry's Halton-Peel District Office, Investigations and Enforcement Branch,

Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, did not identify any records for the Site.

Copy of the request and response is provided in Appendix C.

3.2.3 Ministry of the Environment and Climate Change Databases

The ERIS report summarized in the Federal and Provincial Database Search section of the report included a summary of MECP databases (see section 3.2.1). The databases include the following: Environmental Bill of Rights (EBR), Brownfields Environmental Site Registry, Hazardous Waste Information Network (HWIN) and Waste Disposal Sites.

3.3 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) was contacted for records of USTs at the subject property and surrounding adjacent properties. The TSSA was contacted via email on November 17, 2021. The TSSA did not have any records for USTs on the site.

A copy of the TSSA communications is provided in Appendix C.

3.4 Aerial Photographs

The satellite image taken in 2019, was reviewed in the ERIS report. No significant changes have occurred to the site since the 2018 satellite image in the 2019 Phase One ESA report (EXP Services Inc, 2019). One change occurred off-site, to one of the Phase One Study Areas, located at 4085 Palladium Way southwest to the site, where in 2018 the parking lot was an open ground, but in 2019 it is asphalted.

A copy of the 2018 and 2019 satellite images are included in Appendix D.

3.5 Areas of Natural Significance

Based on the review of available resources from the Ministry of Natural Resources and Forestry website on November 25, 2021, no areas of natural significance were identified at the Site or within 30 m of the Site.

4 Site Reconnaissance

4.1 Specific Observations at the Phase One Property

The updated site reconnaissance was conducted on November 18, 2021, between 10:00 am and 12:00 pm by Ms. Polina Konopelko under the supervision of Ms. Samuel Lee, a qualified person as defined by O. Reg. 153/04. On the day of the site reconnaissance the weather was overcast, with a temperature of 8°C.

The site is municipally known as 4103 Palladium Way, located on the west side of Palladium Way, east of Walkers Line, and south and east of Highway No. 407 in the central east area of the Alton Community. It is currently vacant.
The south-eastern portion of the site surrounded by a paved parking area, and vacant, vegetated land in the north-western portion of the site. Two manholes, storm and sanitary, were observed on the east side of the site, along the Palladium Way.

Eight (8) flush-mounted monitoring wells were observed on the site. Three (3) wells were unlocked and five (5) had broken locks. All in good condition.

Photographs documenting the site reconnaissance are included in Appendix E.

4.2 Adjacent Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 metres of the site was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the site.

Land use consists of commercial property to the northeast, followed by a church, with a public park and school to the east, with a justice court, private properties, and a public plaza to the south. There are vacant properties to the north and across the Walkers Line to the west.

Based on the visual reconnaissance of adjacent and surrounding properties within the Phase One Study Area, the following PCA at neighboring properties was identified:

Direction	Address	Occupants	Associated PCA
Southeast	4040-4050 Palladium Way	Glesco Dry Cleaners	PCA#37 – Operation of Dry-Cleaning Equipment.

5 Review and Evaluation of Information

5.1 Current and Past Uses

Based on a review of historical aerial photographs, chain of title information, and other records, the Site has been vacant agricultural field since 1934 and vacant field circa 2019.

5.2 Potentially Contaminating Activities (PCAs)

Based on the evaluation of the previous reports, aerial photographs, and on the site reconnaissance of the Phase One Study Area, no potentially contaminated activities were identified on-site.

The PCAs located off-site that are considered to be of *de minimis* concern are listed in Table 5.2.

Table 5.2 PCAs Considered to be of *De Minimis* Concern

PCA Identifier	Address	Location of Activity (in relation to Site)(1)	Potentially Contaminating Activity (PCA)(2)	Approximate timeline that PCA occurred	Rationale for *De Minimis*
1	4040-4050 Palladium Way	160 m South	PCA#37-Operation of Dry-Cleansing Equipment.	Based on the observation at the time of the Site visit the property was previously occupied by Glesco Dry Cleaners and cleaning on premise was noted. The property is still available for lease since the last Phase One Study in 2019.	No, based on the separation relative distance and down gradient from the Site. In addition, the tenant was not listed as a registered generator.

(1) Distances are approximate. Precise distances are not possible due to the ae of some listings and the aggregation and/or loss of addresses.

(2) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O.Reg 153/04, as amended) that is occurring or has occurred is a phase one Study area.

5.3 Areas of Potential Environmental Concern (APECs)

Based on the absence of PCAs located within the Phase One Study Area, to areas of potential environmental concern (APECs) were identified.

Since the inferred groundwater flow direction is inferred to be to the southerly, the properties within the Phase One Study Area south of the Site were considered to be hydraulically down-gradient of the Site; and, the properties to the east and west of the Site were considered to be hydraulically trans-gradient to the Site. Furthermore, any PCAs located significantly distant from the Site (>100 m) were considered to be too distant to be contributing to an APEC on the Site.

The following PCAs were considered to contribute to an APEC:

- PCAs identified at the Site; and
- PCAs located on immediately adjacent properties (off-Site) or situated up-gradient to the Site with respect to the anticipated groundwater flow direction.

6 Conclusions

6.1 Whether Phase Two ESA Required Before RSC Submitted

Following a review of the 2019 Phase One ESA, the updated Ontario MECP Records (Section 3.2), updated aerial photographs (Section 3.4), and updated site reconnaissance conducted by EXP (Section 4), no new PCAs were identified on or off-site.

Based on the results and findings of the Phase One ESA, no APECs were found, as such no further environmental investigation is required at this time.

6.2 RSC Based on Phase One ESA Alone

As such, an RSC can be filed based on the Phase One ESA alone, although not required. A Phase Two ESA is not required at this time, prior to filing a RSC.

7. Closure

We trust this report is satisfactory for your purposes. Should you have any questions, please do not hesitate to contact this office.

Yours very truly,

EXP Services Inc.





Polina Konopelko, B.Sc.
Environmental Technician
Environmental Services

Samuel Lee, P.Geo., QP_{ESA}
Senior Project Manager
Environmental Services

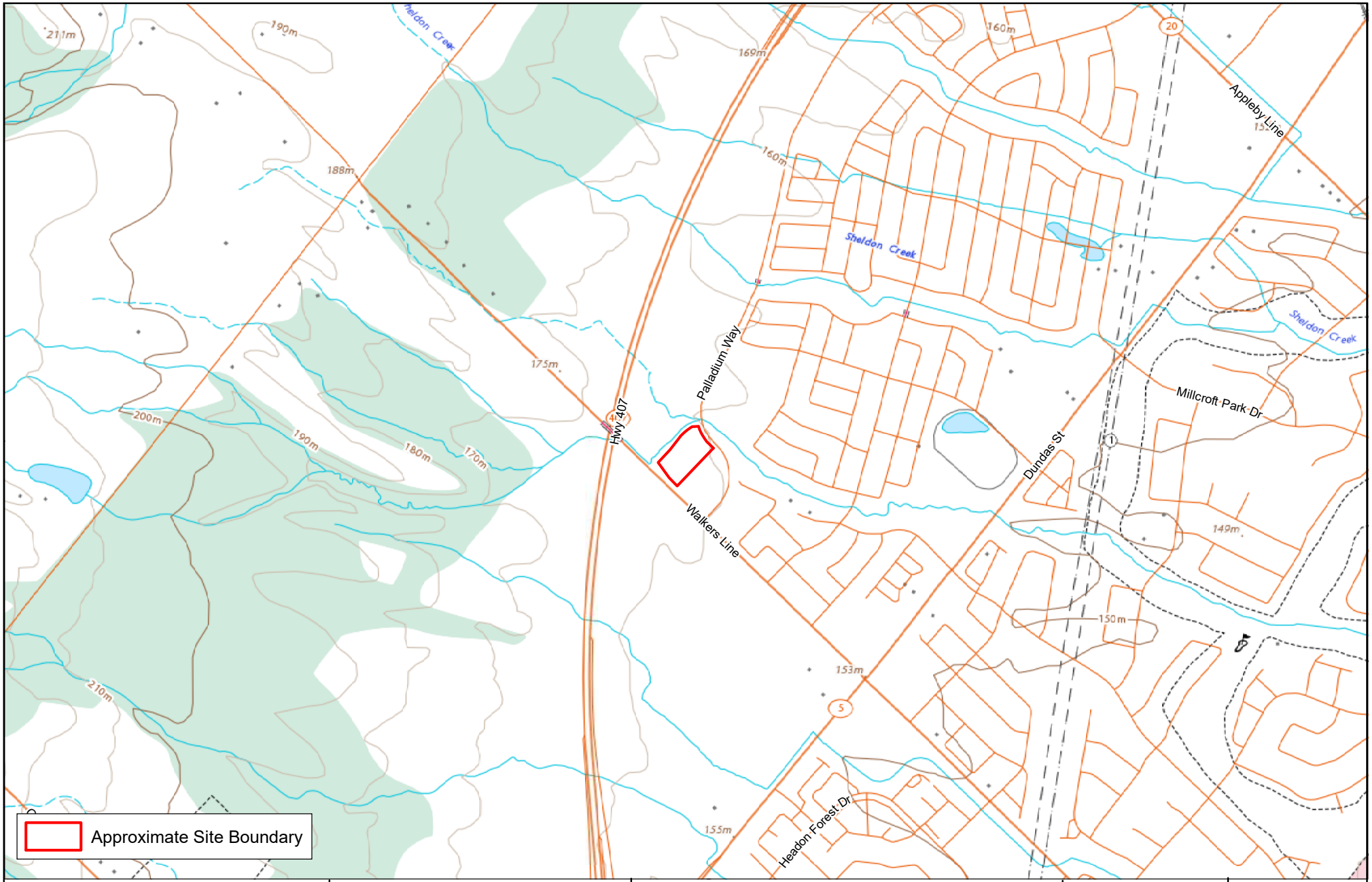
Attachments

Figures
Appendix A: Limitations and Use of Report
Appendix B: Qualifications of Assessors
Appendix C: Regulatory Records
Appendix D: Satellite Photograph
Appendix E: Site Photographs
Appendix F: ERIS Report

References

- Canadian Standards Association. November 2001. Z768-0 Phase I Environmental Site Assessment.
- ERIS Report – 4103 Palladium Way, Burlington, Ontario. Order # 20190528234, ERIS Ltd, August 7, 2019.
- ERIS Report – 4103 Palladium Way, Burlington, Ontario. Order # 21111700074, ERIS Ltd, November 22, 2021.
- EXP Services Inc. Phase One Environmental Site Assessment, 4103 Palladium Way, Burlington, Ontario, 2019.
- EXP Services Inc. Phase One ESA – Memorandum, 2020.
- Occupational Health and Safety Act - Ministry of Labour (MOL).
- York County Atlas: Miles & Co., 1878.
- Toporama; Natural Resources Canada. Map 30M05. Scale 1:15,000. 2008.
- Quaternary Geology of Ontario - geology_ll.shp [computer file], Ontario: Ontario Geological Survey, 2000.
- Bedrock Geology of Ontario - geology_ll.shp [computer file], Ontario: Ontario Geological Survey, 2000.
- Inventory of Coal Gasification Plant Waste Sites in Ontario. Ontario Ministry of the Environment, April 1987.
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario. Ontario Ministry of the Environment, November 1988.
- Waste Disposal Site Inventory. Waste Management Branch Ontario Ministry of the Environment, June 1991.
- Ontario Inventory of PCB Storage Sites. Ontario Ministry of the Environment, 1993- 2003-2004.
- Catalogue of Canadian Fire Insurance Plans 1875 – 1975.
- Ontario Ministry of the Environment, Brownfields Registry website (www.ene.gov.on.ca/environet/BESR/index.htm).
- Ontario Ministry of the Environment, Environmental Registry website (www.ene.gov.on.ca/envision/env_reg/ebr/english/index.htm).
- Ontario Ministry of Natural Resources, Natural Heritage website (www.mnr.gov.on.ca/MNR/nhic/areas.cfm).
- Oil, Gas & Salt Resources Library website (www.ogsrlibrary.com).
- Technical Standards and Safety Authority, Environmental Management Protocol for Fuel Handling Sites in Ontario, May 2007.

Figures



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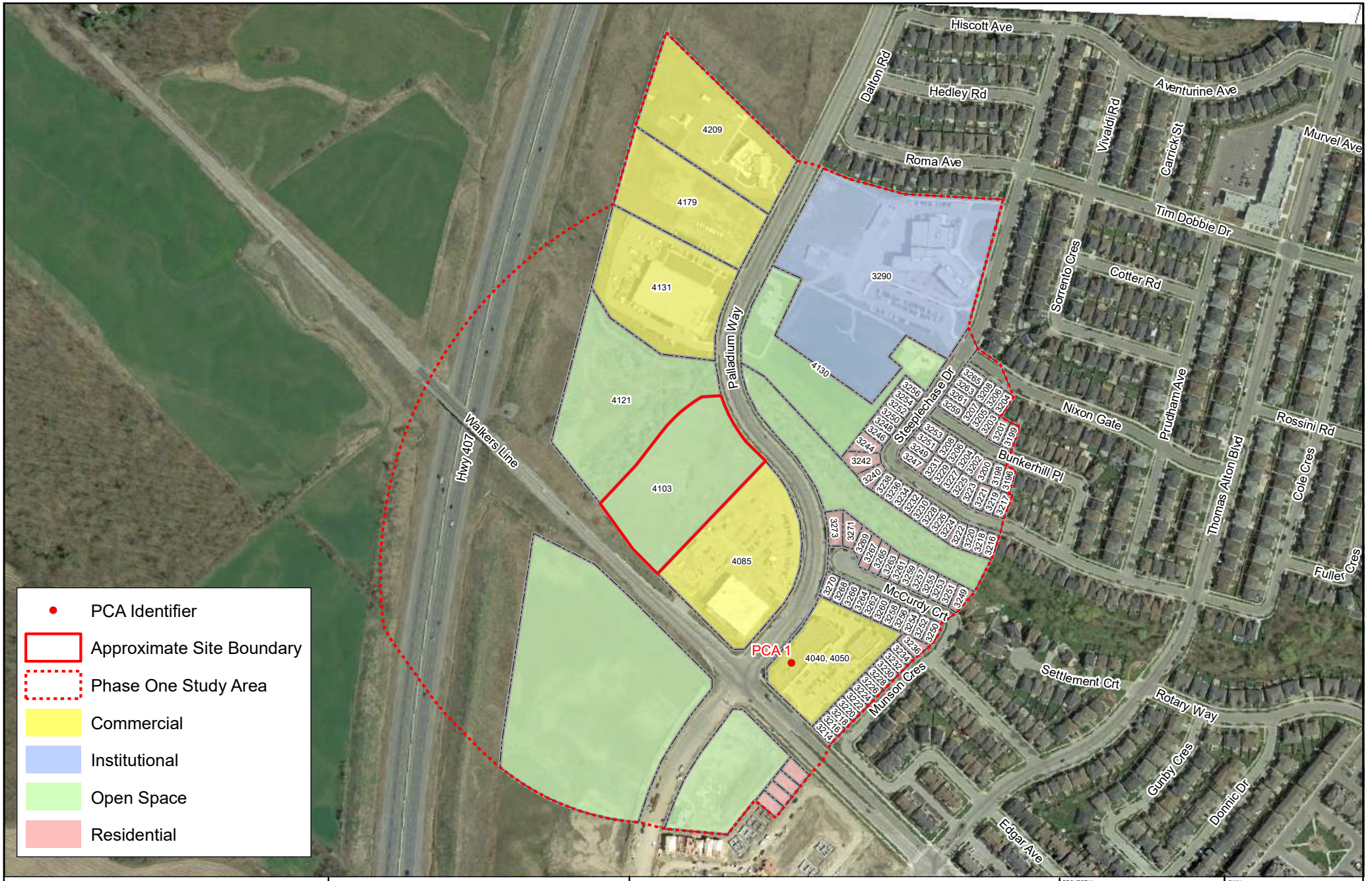
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0 150 300 450 600 750 m

TITLE AND LOCATION:

SITE LOCATION PLAN
Phase One Environmental Site Assessment Update
4103 Palladium Way
Burlington, Ontario

PROJECT No.: HAM-00801656-F0	DWN: PK
SCALE: AS NOTED	CHKD: SL
DATE: NOVEMBER 2021	FIG. No.: 1



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TITLE AND LOCATION:

PHASE ONE STUDY AREA, SURROUNDING LAND USE, AND POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)
Phase One Environmental Site Assessment Update
4103 Palladium Way
Burlington, Ontario

PROJECT No.: HAM-00801656-F0	DWN: AC
SCALE: AS NOTED	CHKD: PK
DATE: NOVEMBER 2021	FIG. No.: 2

Appendix A – Limitation and Use of Report

LIMITATIONS AND USE OF REPORT

BASIS OF REPORT

The Report is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or the Client has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Where applicable, recommended field services are the minimum necessary to ascertain that construction is being carried out in general conformity with building code guidelines, generally accepted practices and EXP's recommendations. Any reduction in the level of services recommended will result in EXP providing qualified opinions regarding the adequacy of the work. EXP can assist design professionals or contractors retained by the Client to review applicable plans, drawings, and specifications as they relate to the Report or to conduct field reviews during construction.

RELIANCE ON INFORMATION PROVIDED

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to EXP.

STANDARD OF CARE

This report ("Report") has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, EXPressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

COMPLETE REPORT

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

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USE OF REPORT

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

REPORT FORMAT

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

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Appendix B – Qualifications of Assessors

Qualifications of Assessors

The records review and Site visit were conducted by Polina Konopelko, B.Sc., Environmental Technician, who has been trained to conduct conduct Phase I and II environmental site assessments (in accordance with the applicable CSA Standards and O.Reg. 153/04). Ms. Konopelko completed a Bachelor of Bio-Resource Management in the University of Guelph and possess a college diploma of Environmental Technician, Field and Laboratory, from Niagara College.

This report was reviewed by Mr. Samuel Lee, P.Geo. who is a Senior Project Manager at EXP with over ten years of environmental consulting experience in Canada. Mr. Lee has managed and conducted numerous Phase I and Phase II Environmental Site Assessments and Record of Site Condition as well as other due diligence projects and is a Qualified Person for Environmental Site Assessment.

EXP Associates Inc. is a full-service consulting and engineering firm and provides a full range of environmental services through the Environmental Services Group. EXP's Environmental Services Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with the Ontario Ministry of the Environment. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Appendix C – Regulatory Records

Ontario

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

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

Fields marked with an asterisk (*) are mandatory.

Are you: *

☑ Submitting a new FOI Request for Property Information

☐ Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) * 1940/01/01

To (yyyy/mm/dd) * 2021/11/17

Type of Record(s) *

☑ All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations

☑ Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

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

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:
https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en.

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

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

☐ Other Specific Document(s)

Type of Approval/Registration *

☑ Drinking Water Licenses

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☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Pesticide Licenses

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

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☐ Permits to Take Water

☐ Noise Vibrations Approvals/Registrations

☑ Air Emissions Approvals/Registrations

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

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

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

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

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Water - Industrial discharge

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

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

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

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

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

Company Name

☑ Waste Generator Registration - number/class

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

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

Section 2 – Requester Information

Last Name * Konopelko

First Name * Polina

Middle Initial

Business/Organization Name (if applicable or indicate “N/A”) * EXP Services Inc.

Project/Reference Number (if applicable) GTR-00801656-F0

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

☐ Yes ☑ No

Mailing Address

Unit Number C1-1

Street Number * 1266

Street Name * South Service Road

PO Box

City/Town * Stoney Creek

Province * ON

Postal Code * L8E 5R9

Telephone Number * 905-525-6069

ext.

Email Address * polina.konopelko@exp.com

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

☐ Yes ☑ No

Section 3 – Current Property Address Information

Is the property a:

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

Are you requesting information about multiple addresses? *

☐ Yes ☑ No

Property Address

Unit Number

Street Number 4103

Street Name Palladium Way

Full Lot Number

Concession

Geographic Township

City/Town/Village * Burlington

Closest Intersection Walkers Line and Palladium Way

Section 4 – Previous Property Address Information

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

☐ Yes ☑ No

Section 5 – Owner Information

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

Current Property Owner/Tenant

4103 Palladium Way
Burlington

Owner Name: Vacant Lot

Date of Ownership (yyyy/mm/dd):

Tenant Name:

Section 6 – Supporting Documents

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

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

1. File Name

Total File Size

Save Form Clear Form Print Form

Luizza Jose

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, November 17, 2021 3:45 PM
To: Polina Konopelko
Subject: RE: Confirmation of Public Information Request - Burlington, ON

exp. CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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 and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

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 email the completed form to publicinformationservices@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,

Mariah

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: publicinformationservices@tssa.org
www.tssa.org

From: Polina Konopelko
<Polina.Konopelko@exp.com>
Sent: November 17, 2021 10:49 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Confirmation of Public Information Request - Burlington, ON

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good Morning,

Could you please perform a fuel tank and incident report search for the following list of properties in Burlington, ON:

- 4103 Palladium Way
- 4085 Palladium Way
- 4131 Palladium Way
- 4179 Palladium Way
- 4040 Palladium Way
- 4050 Palladium Way
- 4121 Palladium Way
- 3290 Steeplechase Dr
- 3270 McCurdy Crt
- 3273 McCurdy Crt

Thank you,
Polina



Polina Konopelko
EXP | Environmental Technician
t : +1.905.525.6069 | m : +1.289.501.0165 | e : polina.konopelko@exp.com
1266 South Service Road
Unit C1-1
Stoney Creek, ON L8E 5R9
CANADA
exp.com | legal disclaimer
keep it green, read from the screen

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Appendix D – Satellite Photograph

HISTORICAL AERIALS

Project Property:	Phase One ESA Update 4103 Palladium Way Burlington ON L7M 0V9
Project No:	GTR-00801656-F0
Requested By:	exp Services Inc.
Order No:	21111700074
Date Completed:	November 18, 2021

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

Decade	Year	Image Scale	Source
2010	2019	13000	Maxar

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0 0.125 0.25 0.5
Kilometers

Order Number: 21111700074

Year: 2019
Source: Maxar
Map Scale: 1: 10000
Comments:

ERIS

Appendix E – Site Photographs



Photo 1: View of the Site. Photograph taken facing southwest from the east corner on the site.



Photo 2: View of the Site. Photograph taken facing northwest from the south corner of the site.



Photo 3: View of the Site. Photograph taken facing northeast from the west corner of the site



Photo 4: View of the Site. Photograph taken facing south from the north corner of the site.



Photo 5: View of Glesco Dry Cleaners (vacant), at 4040-4050 Palladium Way (approximately 160m south).



Photo 6: View of the creek on the north of the Site. Photograph taken off-site facing south.

EXP Services Inc. 1266 South Service Rd Stoney Creek, Ontario L8E 2W5 T: 905-525-6069 F: 905-573-9693	PROJECT TITLE AND LOCATION PHASE ONE ESA SITE PHOTOGRAPHS 4103 PALLADIUM WAY, BURLINGTON, ONTARIO	PROJECT NO.: HAM-00801656-A0	DWN.: PK
		SCALE: N/A	DWN.: SL
		DATE: NOVEMBER 2021	DWG. No.: A-1

Appendix F – ERIS Report

DATABASE REPORT

Project Property:	*Phase One ESA Update* *4103 Palladium Way* *Burlington ON L7M 0V9*
Project No:	*GTR-00801656-F0*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21111700074*
Requested by:	*exp Services Inc.*
Date Completed:	*November 22, 2021*

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Executive Summary

Property Information:

Project Property:	*Phase One ESA Update* *4103 Palladium Way Burlington ON L7M 0V9*
Project No:	*GTR-00801656-F0*

Order Information:

Order No:	*21111700074*
Date Requested:	*November 17, 2021*
Requested by:	*exp Services Inc.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	7	7
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	4	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	28	28
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	6	1	7
	Total:		7	52	59

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		4103 Palladium Way Burlington ON	SSW/0.0	-1.51	22
2	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348895	E/0.0	-1.52	22
3	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348894	NNW/0.0	-1.77	24
4	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348896	SE/0.0	-1.12	27
5	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348891	E/0.0	-2.18	29
6	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348893	NE/0.0	-2.80	31
7	WWIS		4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348892	ENE/0.0	-2.81	34

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	EHS		4085 Palladium Way Burlington ON	SE/5.8	-1.20	36
9	EHS		4085 Palladium Way Burlington ON	SE/16.8	-0.85	36
10	BORE		ON	W/98.1	-0.36	36
11	GEN	NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON	NNE/102.4	0.32	37
11	GEN	NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON	NNE/102.4	0.32	37
11	GEN	NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	38
11	GEN	NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	38
11	GEN	NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	38
11	GEN	NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	39
11	EHS		4131 Palladium Way Burlington ON L7M0V9	NNE/102.4	0.32	39
11	GEN	NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	39
11	SPL	Neelands Refrigeration Limited	4131 Palladium Way Burlington ON L7M 0V9	NNE/102.4	0.32	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	GEN	NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	NNE/102.4	0.32	40
12	WWIS		4085 PALLADIUM WAY BURLINGTON ON ***Well ID:*** 7254442	SSE/103.4	-0.89	41
13	BORE		ON	W/123.3	0.67	43
14	BORE		ON	WNW/129.9	1.19	44
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	46
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	46
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON	SE/155.1	-2.42	46
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	46
15	GEN	Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	SE/155.1	-2.42	47
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	47
15	GEN	Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	SE/155.1	-2.42	47
15	GEN	Alfred Annis	4040 palladium way unit 4 burlington ON L7M0V6	SE/155.1	-2.42	47
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	48
15	GEN	Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	SE/155.1	-2.42	48
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	49
15	GEN	Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	SE/155.1	-2.42	49
15	GEN	Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	SE/155.1	-2.42	49
15	GEN	Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	SE/155.1	-2.42	50
16	RSC	THE GUY CORPORATION	4179 PALLADIUM WAY, BURLINGTON, ON L7M 0V9 Burlington ON	NNE/158.5	0.28	50
17	BORE		ON	WNW/163.4	3.07	51
18	EHS		Walker's Line & Hwy 407 Burlington ON	WNW/164.2	3.07	52
19	ECA	Mattamy (Richardson) Limited	Burlington ON L6H 6M5	NNW/188.7	0.33	52
19	ECA	Mattamy (Richardson) Limited	Burlington ON L6H 6M5	NNW/188.7	0.33	52
19	ECA	Mattamy (Richardson) Limited	Burlington ON L6H 6M5	NNW/188.7	0.33	53
19	ECA	Mattamy (Richardson) Limited	Burlington ON L6H 6M5	NNW/188.7	0.33	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	ECA	Mattamy (Richardson) Limited	Burlington ON L6H 6M5	NNW/188.7	0.33	53
20	INC		4050 Palladium Way, Burlington ON	SE/200.1	-3.78	53
21	HINC		3261 STEEPLECHASE DRIVE, LOT 120 BURLINGTON ON L7M 0C6	ENE/203.7	-6.80	54
22	BORE		ON	WNW/203.7	5.59	54
23	BORE		ON	WNW/209.6	6.06	55
24	GEN	New Apostolic Church Canada	4209 Palladium Way Burlington ON L7M 0V9	NNE/219.7	-1.53	56
24	GEN	New Apostolic Church Canada	4209 Palladium Way Burlington ON L7M 0V9	NNE/219.7	-1.53	57
25	BORE		ON	WNW/234.6	6.28	57
26	GEN	HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	ENE/238.9	-6.53	58
26	GEN	HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	ENE/238.9	-6.53	58
26	GEN	HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	ENE/238.9	-6.53	58
27	SPL	Union Gas Limited	3836 Tufgar Cres, Lot 288R Burlington ON	SSE/244.1	-3.74	58
27	PINC	ENBRIDGE GAS INC	3836 TUFGAR CRES, LOT 288R,, BURLINGTON,ON,L7M 1P8,CA ON	SSE/244.1	-3.74	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
27	PINC	ENBRIDGE GAS INC	3836 TUFGAR CRES,,BURLINGTON,ON, L7M 1P8,CA ON	SSE/244.1	-3.74	59

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 7 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	98.1	10
	ON	123.3	13
	ON	129.9	14
	ON	163.4	17
	ON	203.7	22
	ON	209.6	23
	ON	234.6	25

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Aug 31, 2021 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Mattamy (Richardson) Limited	Burlington ON L6H 6M5	188.7	19

Site	Address	Distance (m)	Map Key
Mattamy (Richardson) Limited	Burlington ON L6H 6M5	188.7	19
Mattamy (Richardson) Limited	Burlington ON L6H 6M5	188.7	19
Mattamy (Richardson) Limited	Burlington ON L6H 6M5	188.7	19
Mattamy (Richardson) Limited	Burlington ON L6H 6M5	188.7	19

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	4103 Palladium Way Burlington ON	0.0	1
	4085 Palladium Way Burlington ON	5.8	8
	4085 Palladium Way Burlington ON	16.8	9
	4131 Palladium Way Burlington ON L7M0V9	102.4	11
	Walker's Line & Hwy 407 Burlington ON	164.2	18

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 28 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS GROUP LIMITED	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON L7M OV9	102.4	11
NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON	102.4	11
NEELANDS REFRIGERATION LTD.	4131 PALLADIUM WAY BURLINGTON ON	102.4	11
Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	155.1	15
Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15

Site	Address	Distance (m)	Map Key
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
Alfred Annis	4040 palladium way unit 4 burlington ON L7M0V6	155.1	15
Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
Walkers Line Veterinary Hospital	4040 Palladium way # 7 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON	155.1	15
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15

Site	Address	Distance (m)	Map Key
Dr Varghese Jacob Dentistry Professional corporati	4040, Palladium Way Unit 6 Burlington ON L7M0V6	155.1	15
New Apostolic Church Canada	4209 Palladium Way Burlington ON L7M 0V9	219.7	24
New Apostolic Church Canada	4209 Palladium Way Burlington ON L7M 0V9	219.7	24
HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	238.9	26
HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	238.9	26
HALTON DISTRICT SCHOOL BOARD	3290 STEEPLECHASE DR BURLINGTON ON L7M0W1	238.9	26

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	3261 STEEPLECHASE DRIVE, LOT 120 BURLINGTON ON L7M 0C6	203.7	21

INC - Fuel Oil Spills and Leaks

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

Site	Address	Distance (m)	Map Key
	4050 Palladium Way, Burlington ON	200.1	20

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ENBRIDGE GAS INC	3836 TUFGAR CRES, LOT 288R,, BURLINGTON,ON,L7M 1P8,CA ON	244.1	27
ENBRIDGE GAS INC	3836 TUFGAR CRES,,BURLINGTON,ON, L7M 1P8,CA ON	244.1	27

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Sep 2021 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
THE GUY CORPORATION	4179 PALLADIUM WAY, BURLINGTON, ON L7M 0V9 Burlington ON	158.5	16

SPL - Ontario Spills

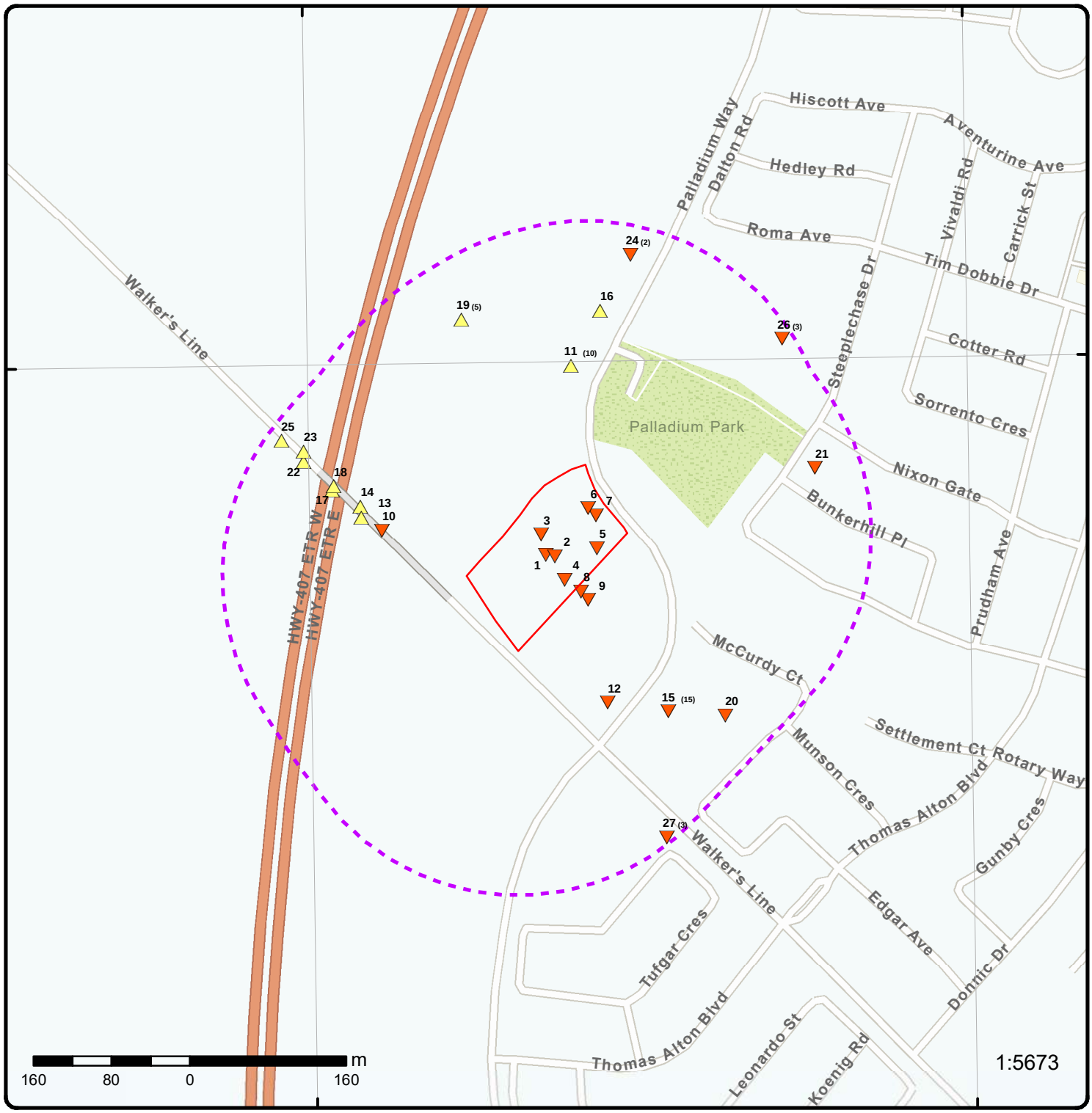
A search of the SPL database, dated 1988-Aug 2020 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Neelands Refrigeration Limited	4131 Palladium Way Burlington ON L7M 0V9	102.4	11
Union Gas Limited	3836 Tufgar Cres, Lot 288R Burlington ON	244.1	27

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 7 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348895	0.0	2
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348894	0.0	3
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348896	0.0	4
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348891	0.0	5
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348893	0.0	6
	4103 PALLADIUM WAY Burlington ON ***Well ID:*** 7348892	0.0	7
	4085 PALLADIUM WAY BURLINGTON ON ***Well ID:*** 7254442	103.4	12



Map: 0.25 Kilometer Radius

Order Number: 21111700074

Address: 4103 Palladium Way, Burlington, ON

ERIS

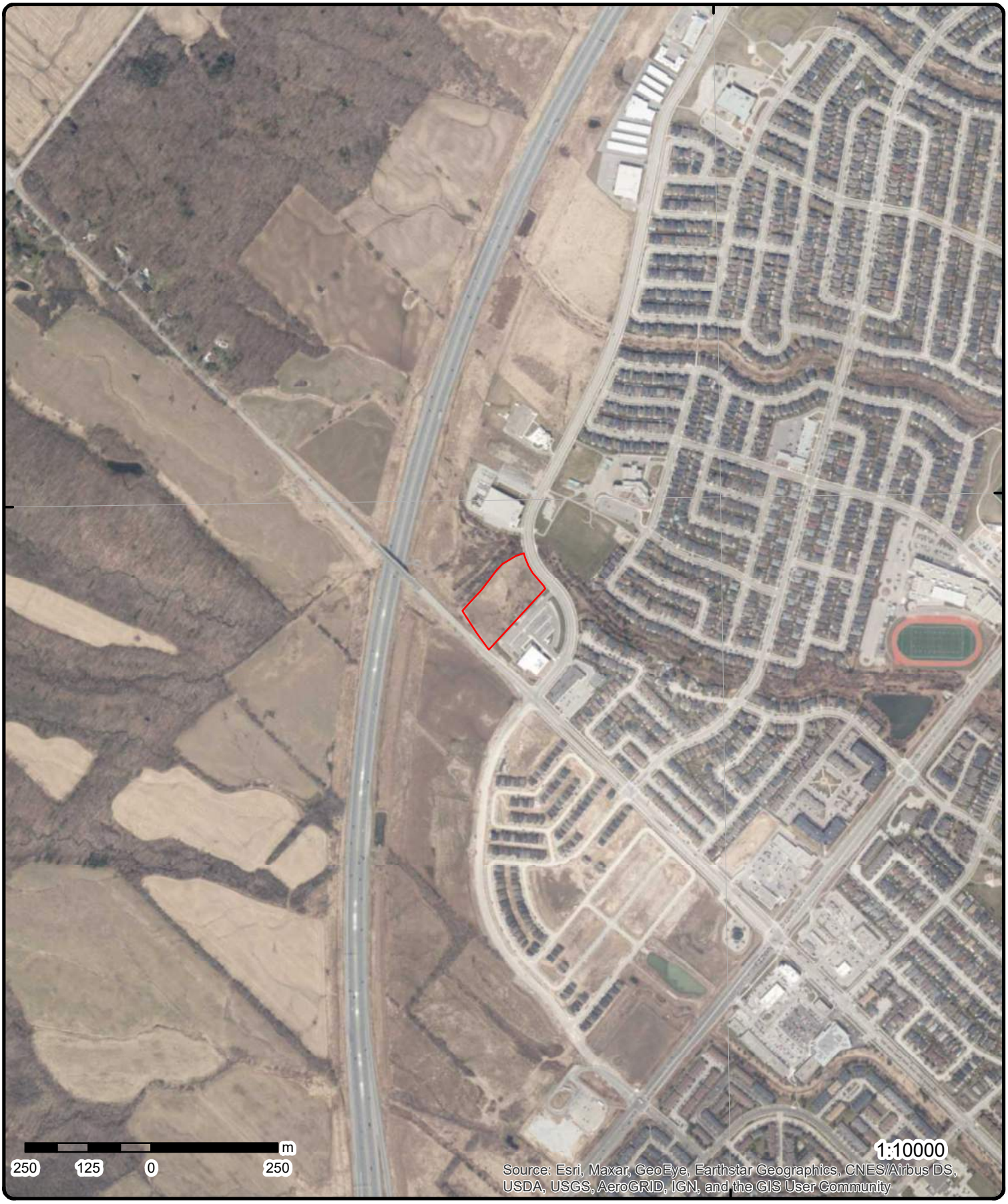
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp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

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership

79°49'30"W

43°24'N



43°24'N

Aerial

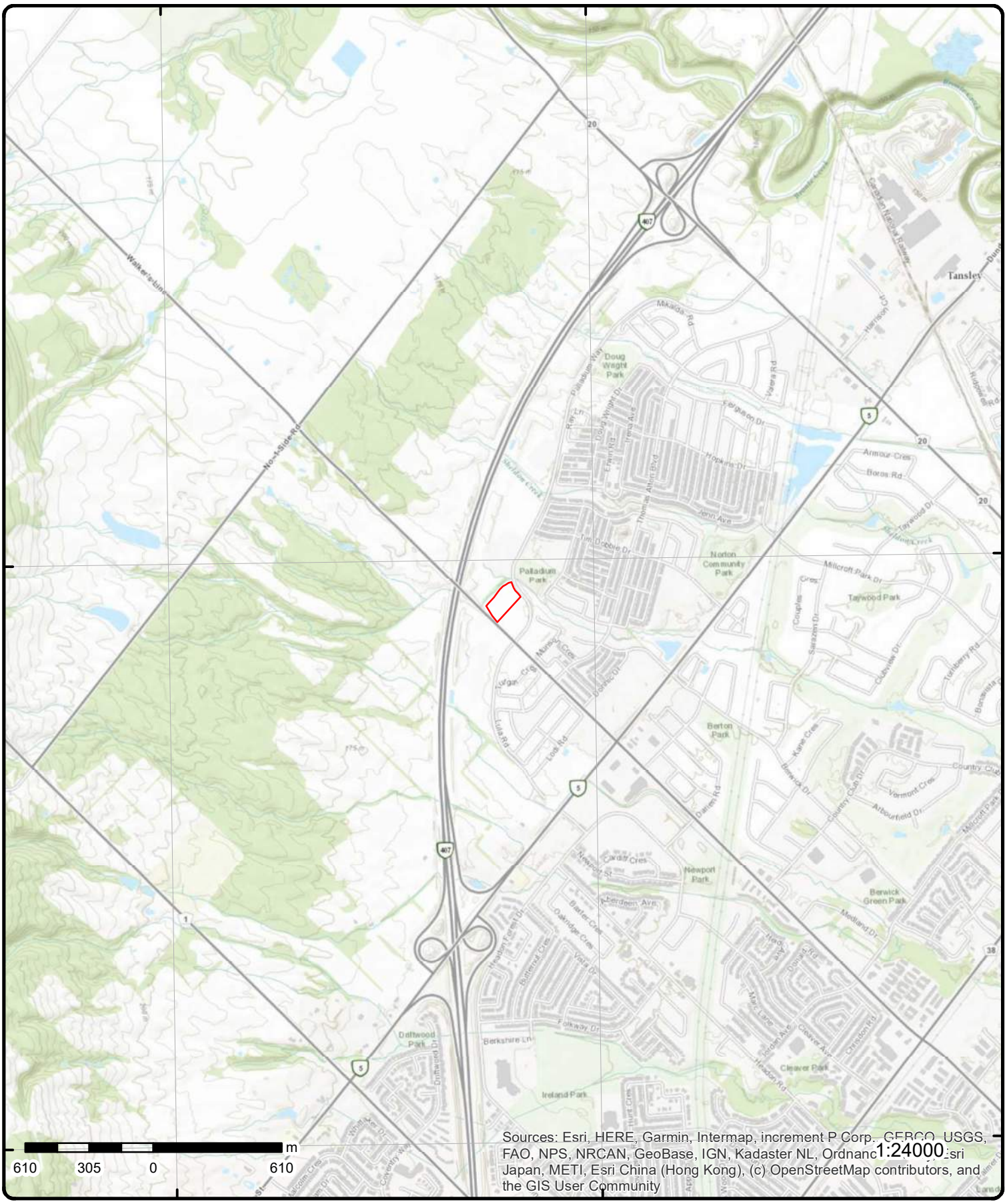
Year: 2019

Order Number: 21111700074

Address: 4103 Palladium Way, Burlington, ON

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 21111700074

Address: 4103 Palladium Way, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSW/0.0	163.1 / -1.51	4103 Palladium Way Burlington ON	EHS

Order No:	20190528234	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	04-JUN-19	**Search Radius (km):**	.25
Date Received:	28-MAY-19	**X:**	-79.830374
Previous Site Name:		**Y:**	43.398222
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	E/0.0	163.1 / -1.52	4103 PALLADIUM WAY Burlington ON	WWIS

Well ID:	7348895	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/6/2019
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7484
Casing Material:		**Form Version:**	7
Audit No:	Z295830	**Owner:**	
Tag:	A255034	**Street Name:**	4103 PALLADIUM WAY
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348895.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/08/27
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.3982073685915
Longitude:	-79.8302593159707
Path:	734\7348895.pdf

Bore Hole Information

Bore Hole ID:	1007737047	**Elevation:**	
DP2BR:		**Elevrc:**	

Spatial Status:		***Zone:***	17
Code OB:		***East83:***	594726.00
Code OB Desc:		***North83:***	4805701.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	27-Aug-2019 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr

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

Overburden and Bedrock Materials Interval

Formation ID:	1008230351
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232526
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232527
Layer:	2
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236154
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228466
Casing No:	0
Comment:	

Alt Name:

Construction Record - Screen

Screen ID:	1008237719
Layer:	1
Slot:	.01
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Results of Well Yield Testing

Pump Test ID:	1008238917
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008234764
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	NNW/0.0	162.9 / -1.77	4103 PALLADIUM WAY Burlington ON	WWIS

Well ID:	7348894	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/6/2019
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7484
Casing Material:		**Form Version:**	7
Audit No:	Z295831	**Owner:**	
Tag:	A255036	**Street Name:**	4103 PALLADIUM WAY
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	

Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348894.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/08/27
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.3984071934172
Longitude:	-79.8304283521055
Path:	734\7348894.pdf

Bore Hole Information

Bore Hole ID:	1007737044	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	594712.00
Code OB Desc:		**North83:**	4805723.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-Aug-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008230350
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232524
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008232525
Layer: 2
Plug From: 8
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008236153
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1008228465
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1008237718
Layer: 1
Slot: .01
Screen Top Depth: 10
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.125

Results of Well Yield Testing

Pump Test ID: 1008238916
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008234763
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	SE/0.0	163.5 / -1.12	4103 PALLADIUM WAY Burlington ON	WWIS

Well ID:	7348896	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/6/2019
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7484
Casing Material:		**Form Version:**	7
Audit No:	Z295829	**Owner:**	
Tag:	A255035	**Street Name:**	4103 PALLADIUM WAY
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348896.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/08/27
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.3979900436066
Longitude:	-79.8301400118028
Path:	734\7348896.pdf

Bore Hole Information

Bore Hole ID:	1007737050	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	594736.00
Code OB Desc:		**North83:**	4805677.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-Aug-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008230352
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05

Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232528
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232529
Layer:	2
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236155
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228467
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008237720
Layer:	1
Slot:	.01
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Results of Well Yield Testing

Pump Test ID:	1008238918
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	

Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008234765
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

---

5 | ***1 of 1*** | ***E/0.0*** | ***162.4 / -2.18*** | ***4103 PALLADIUM WAY Burlington ON*** | ***WWIS***

Well ID: 7348891
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z295834
Tag: A255039
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/6/2019
Selected Flag: True
Abandonment Rec:
Contractor: 7484
Form Version: 7
Owner:
Street Name: 4103 PALLADIUM WAY
County: HALTON

Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/08/28
Year Completed: 2019
Depth (m): 6.096
Latitude: 43.3982739572343
Longitude: -79.8297270454533
Path:

Bore Hole Information

Bore Hole ID: 1007737023
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 17

Code OB:		**East83:**	594769.00
Code OB Desc:		**North83:**	4805709.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	28-Aug-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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

Overburden and Bedrock Materials Interval

Formation ID:	1008230347
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232519
Layer:	2
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232518
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236049
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228462
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008237715
Layer:	1
Slot:	.01
Screen Top Depth:	110
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Results of Well Yield Testing

Pump Test ID:	1008238913
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008234760
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

6	1 of 1	NE/0.0	161.8 / -2.80	4103 PALLADIUM WAY Burlington ON	WWIS

Well ID:	7348893	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	12/6/2019
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7484
Casing Material:		***Form Version:***	7
Audit No:	Z295832	***Owner:***	
Tag:	A255037	***Street Name:***	4103 PALLADIUM WAY
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	BURLINGTON CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/08/27
Year Completed: 2019
Depth (m): 6.096
Latitude: 43.3986442001381
Longitude: -79.8298310568964
Path:

Bore Hole Information

Bore Hole ID: 1007737041
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 27-Aug-2019 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 17
East83: 594760.00
North83: 4805750.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008230349
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008232523
Layer: 2
Plug From: 8
Plug To: 0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232522
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236152
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228464
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008237717
Layer:	1
Slot:	.01
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Results of Well Yield Testing

Pump Test ID:	1008238915
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008234762
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	ENE/0.0	161.8 / -2.81	4103 PALLADIUM WAY Burlington ON	WWIS

Well ID:	7348892	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	12/6/2019
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7484
Casing Material:		**Form Version:**	7
Audit No:	Z295833	**Owner:**	
Tag:	A255038	**Street Name:**	4103 PALLADIUM WAY
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	BURLINGTON CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/734\7348892.pdf

Additional Detail(s) (Map)

Well Completed Date:	2019/08/24
Year Completed:	2019
Depth (m):	6.096
Latitude:	43.3985801712891
Longitude:	-79.8297335000139
Path:	734\7348892.pdf

Bore Hole Information

Bore Hole ID:	1007737038	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	594768.00
Code OB Desc:		**North83:**	4805743.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Aug-2019 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008230348
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05

Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232521
Layer:	2
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008232520
Layer:	1
Plug From:	20
Plug To:	8
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1008236050
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1008228463
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1008237716
Layer:	1
Slot:	.01
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Results of Well Yield Testing

Pump Test ID:	1008238914
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	

Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1008234761
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

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8 | ***1 of 1*** | ***SE/5.8*** | ***163.4 / -1.20*** | ***4085 Palladium Way Burlington ON*** | ***EHS***

Order No:	20151019124	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	26-OCT-15	**Search Radius (km):**	.25
Date Received:	19-OCT-15	**X:**	-79.829937
Previous Site Name:		**Y:**	43.39788
Lot/Building Size:			
Additional Info Ordered:	Aerial Photos		

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9 | ***1 of 1*** | ***SE/16.8*** | ***163.8 / -0.85*** | ***4085 Palladium Way Burlington ON*** | ***EHS***

Order No:	20160819042	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	CA
Report Date:	25-AUG-16	**Search Radius (km):**	.25
Date Received:	19-AUG-16	**X:**	-79.829851
Previous Site Name:		**Y:**	43.397802
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

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10 | ***1 of 1*** | ***W/98.1*** | ***164.3 / -0.36*** | ***ON*** | ***BORE***

Borehole ID:	891177	**Inclin FLG:**	No
OGF ID:	215583992	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	05-APR-1990	**Municipality:**	
Static Water Level:	2.5	**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.398464
Total Depth m:	10.9	**Longitude DD:**	-79.83244
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594549
Drill Method:	Diamond Drill	**Northing:**	4805727

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

Orig Ground Elev m:	162	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	165		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504032	**Mat Consistency:**	Very Dense
Top Depth:	10.1	**Material Moisture:**	
Bottom Depth:	10.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	heterogeneous mixture of sandy silt. Gravel and clay. Very dense (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504031	**Mat Consistency:**	Hard
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	10.1	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	Brown to reddish brown. Heterogeneous mixture of clayey silt, sand and gravel. Hard (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504030	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Topsoil	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	clayey silt (topsoil) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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11 | ***1 of 10*** | ***NNE/102.4*** | ***164.9 / 0.32*** | ***NEELANDS REFRIGERATION LTD.*** ***4131 PALLADIUM WAY*** ***BURLINGTON ON*** | ***GEN***

Generator No:	ON5624128	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541990		
SIC Description:	All Other Professional Scientific and Technical Services		

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11 | ***2 of 10*** | ***NNE/102.4*** | ***164.9 / 0.32*** | ***NEELANDS REFRIGERATION LTD.*** ***4131 PALLADIUM WAY*** ***BURLINGTON ON*** | ***GEN***

Generator No:	ON5624128	**PO Box No:**	
Status:		**Country:**	

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

Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

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11 | ***3 of 10*** | ***NNE/102.4*** | ***164.9 / 0.32*** | ***NEELANDS REFRIGERATION LTD.***
4131 PALLADIUM WAY
BURLINGTON ON L7M OV9 | ***GEN***

Generator No: ON5624128
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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11 | ***4 of 10*** | ***NNE/102.4*** | ***164.9 / 0.32*** | ***NEELANDS GROUP LIMITED***
4131 PALLADIUM WAY
BURLINGTON ON L7M OV9 | ***GEN***

Generator No: ON5624128
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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11 | ***5 of 10*** | ***NNE/102.4*** | ***164.9 / 0.32*** | ***NEELANDS REFRIGERATION LTD.***
4131 PALLADIUM WAY
BURLINGTON ON L7M OV9 | ***GEN***

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

Generator No: ON5624128
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541990
SIC Description: ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

11	6 of 10	NNE/102.4	164.9 / 0.32	NEELANDS GROUP LIMITED 4131 PALLADIUM WAY BURLINGTON ON L7M OV9	GEN

Generator No: ON5624128
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 253 L
Waste Class Desc: Emulsified oils

11	7 of 10	NNE/102.4	164.9 / 0.32	4131 Palladium Way Burlington ON L7M0V9	EHS

Order No: 20170914123
Status: C
Report Type: Standard Report
Report Date: 20-SEP-17
Date Received: 14-SEP-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.830063
Y: 43.399834

11	8 of 10	NNE/102.4	164.9 / 0.32	NEELANDS GROUP LIMITED 4131 PALLADIUM WAY BURLINGTON ON L7M OV9	GEN

Generator No: ON5624128
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

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

SIC Description:

Detail(s)

Waste Class: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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11 ***9 of 10*** ***NNE/102.4*** ***164.9 / 0.32*** ***SPL***

Neelands Refrigeration Limited
4131 Palladium Way
Burlington ON L7M 0V9

Ref No: 7356-B9YPTN
Site No: 7921-A8HLP6
Incident Dt: 3/5/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1078
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/5/2019
Dt Document Closed: 4/6/2019
Incident Reason: Maintenance
Site Name: 4131 Palladium Way
Site County/District: Regional Municipality of Halton
Site Geo Ref Meth: NA
Incident Summary: Neelands Refrigeration refrigerant leak; contained, repaired
Contaminant Qty: 136.2 kg

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 4131 Palladium Way
Site District Office: Halton-Peel
Site Postal Code: L7M 0V9
Site Region: Central
Site Municipality: Burlington
Site Lot:
Site Conc: NA
Northing: 4805866
Easting: 594721
Site Geo Ref Accu: NA
Site Map Datum: NA
SAC Action Class: Air Spills - Gases and Vapours
Source Type: Unknown / N/A

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11 ***10 of 10*** ***NNE/102.4*** ***164.9 / 0.32*** ***GEN***

NEELANDS GROUP LIMITED
4131 PALLADIUM WAY
BURLINGTON ON L7M OV9

Generator No: ON5624128
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 253 L
Waste Class Desc: Emulsified oils

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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12 **1 of 1** **SSE/103.4** **163.7 / -0.89** **4085 PALLADIUM WAY BURLINGTON ON** **WWIS**

Well ID: 7254442
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z220671
Tag: A165821
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/17/2015
Selected Flag: True
Abandonment Rec:
Contractor: 7484
Form Version: 7
Owner:
Street Name: 4085 PALLADIUM WAY
County: HALTON
Municipality: BURLINGTON CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2015/10/29
Year Completed: 2015
Depth (m): 4.572
Latitude: 43.3968501595537
Longitude: -79.8296186185661
Path:

Bore Hole Information

Bore Hole ID: 1005839537
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-Oct-2015 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 163.541778
Elevrc:
Zone: 17
East83: 594780.00
North83: 4805551.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005886426
Layer: 1

Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005886427
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 17
Mat2 Desc: SHALE
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 5.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005886434
Layer: 1
Plug From: 0
Plug To: 9
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005886435
Layer: 2
Plug From: 9
Plug To: 15
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1005886433
Method Construction Code: E
Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1005886425
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID:	1005886431
Layer:	1
Slot:	540
Screen Top Depth:	10
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Water Details

Water ID:	1005886429
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005886428
Diameter:	6.0
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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13 ***1 of 1*** ***W/123.3*** ***165.3 / 0.67*** ***ON*** ***BORE***

Borehole ID:	891172	***Inclin FLG:***	No
OGF ID:	215583987	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	11-APR-1990	***Municipality:***	
Static Water Level:	17.7	***Lot:***	
Primary Water Use:		***Township:***	NELSON
Sec. Water Use:		***Latitude DD:***	43.398592
Total Depth m:	22.8	***Longitude DD:***	-79.832697
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	594528
Drill Method:	Diamond Drill	***Northing:***	4805741
Orig Ground Elev m:	163	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	166		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504014	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	

Material 2:	Clayey	**Geologic Group:**	
Material 3:	Topsoil	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	clayey silt (topsoil) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504016	**Mat Consistency:**	Very Dense
Top Depth:	13.2	**Material Moisture:**	
Bottom Depth:	17.7	**Material Texture:**	
Material Color:	Red-Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sandy	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:	Clay	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	Heterogeneous mixture of sandy, silt, gravel and clay. Very dense (Glacial till) reddish brown **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504015	**Mat Consistency:**	Stiff
Top Depth:	1.4	**Material Moisture:**	
Bottom Depth:	13.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	brown to reddish brown. Heterogeneous Mixture of clayey silt, sand and gravel. Stiff to hard. (glacial till) shale fragments **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504017	**Mat Consistency:**	
Top Depth:	17.7	**Material Moisture:**	
Bottom Depth:	22.8	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Red, bedrock. Queenston shale. Weathered, sound **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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14 **1 of 1** **WNW/129.9** **165.8 / 1.19** **ON** **BORE**

Borehole ID:	891173	**Inclin FLG:**	No
OGF ID:	215583988	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	06-APR-1990	**Municipality:**	
Static Water Level:	3.0	**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.398692
Total Depth m:	15.9	**Longitude DD:**	-79.832707
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594527
Drill Method:	Diamond Drill	**Northing:**	4805752
Orig Ground Elev m:	163	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	166		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			

Comments:

Borehole Geology Stratum

Geology Stratum ID:	8504022	***Mat Consistency:***	Hard
Top Depth:	14.6	***Material Moisture:***	
Bottom Depth:	15.9	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clayey	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	Heterogeneous mixture of clayey silt, sand and gravel. Hard (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504020	***Mat Consistency:***	
Top Depth:	2.1	***Material Moisture:***	
Bottom Depth:	11.7	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clayey	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Gravel	***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	brown to reddish brown. Heterogeneous mixture of clayey silt, sand and gravel. With occasional sand and gravel. Layers. Hard. (glacial till) with a Sand and gravel layer **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504018	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	Fill-Granular
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Gravel	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	sand and gravel (fill) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504021	***Mat Consistency:***	Very Dense
Top Depth:	11.7	***Material Moisture:***	
Bottom Depth:	14.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sandy	***Geologic Group:***	
Material 3:	Gravel	***Geologic Period:***	
Material 4:	Clay	***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	Heterogeneous Mixture of sandy silt, gravel and clay. Very dense (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504019	***Mat Consistency:***	
Top Depth:	1.1	***Material Moisture:***	
Bottom Depth:	2.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Clayey	***Geologic Group:***	
Material 3:	Topsoil	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	clayey silt (topsoil) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 15	SE/155.1	162.2 / -2.42	Dr Varghese Jacob Dentistry Professional corporati 4040, Palladium Way Unit 6 Burlington ON L7M0V6	GEN

Generator No:	ON5799340	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	621210		
SIC Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	2 of 15	SE/155.1	162.2 / -2.42	Dr Varghese Jacob Dentistry Professional corporati 4040, Palladium Way Unit 6 Burlington ON L7M0V6	GEN

Generator No:	ON5799340	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	621210		
SIC Description:	Offices of Dentists		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	3 of 15	SE/155.1	162.2 / -2.42	Dr Varghese Jacob Dentistry Professional corporati 4040, Palladium Way Unit 6 Burlington ON	GEN

Generator No:	ON5799340	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	621210		
SIC Description:	OFFICES OF DENTISTS		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	4 of 15	SE/155.1	162.2 / -2.42	Dr Varghese Jacob Dentistry Professional corporati 4040, Palladium Way Unit 6 Burlington ON L7M0V6	GEN

Generator No:	ON5799340	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2016	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No Admin:**	
SIC Code:	621210		
SIC Description:	OFFICES OF DENTISTS		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	5 of 15	SE/155.1	162.2 / -2.42	Walkers Line Veterinary Hospital 4040 Palladium way # 7 Burlington ON L7M0V6	GEN

Generator No: ON2726086
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	6 of 15	SE/155.1	162.2 / -2.42	Dr Varghese Jacob Dentistry Professional corporati 4040, Palladium Way Unit 6 Burlington ON L7M0V6	GEN

Generator No: ON5799340
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	7 of 15	SE/155.1	162.2 / -2.42	Walkers Line Veterinary Hospital 4040 Palladium way # 7 Burlington ON L7M0V6	GEN

Generator No: ON2726086
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541940
SIC Description: VETERINARY SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	8 of 15	SE/155.1	162.2 / -2.42	Alfred Annis 4040 palladium way unit 4	GEN

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

burlington ON L7M0V6

Generator No: ON4155443
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 531111
SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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15 ***9 of 15*** ***SE/155.1*** ***162.2 / -2.42*** ***GEN***

Dr Varghese Jacob Dentistry Professional corporati
4040, Palladium Way Unit 6
Burlington ON L7M0V6

Generator No: ON5799340
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621210
SIC Description: OFFICES OF DENTISTS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 ***10 of 15*** ***SE/155.1*** ***162.2 / -2.42*** ***GEN***

Dr Varghese Jacob Dentistry Professional corporati
4040, Palladium Way Unit 6
Burlington ON L7M0V6

Generator No: ON5799340
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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15 ***11 of 15*** ***SE/155.1*** ***162.2 / -2.42*** ***GEN***

Walkers Line Veterinary Hospital
4040 Palladium way # 7
Burlington ON L7M0V6

Generator No: ON2726086
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

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

SIC Code:
SIC Description:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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15 | ***12 of 15*** | ***SE/155.1*** | ***162.2 / -2.42*** | ***Dr Varghese Jacob Dentistry Professional corporati*** ***4040, Palladium Way Unit 6*** ***Burlington ON L7M0V6*** | ***GEN***

Generator No: ON5799340
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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15 | ***13 of 15*** | ***SE/155.1*** | ***162.2 / -2.42*** | ***Walkers Line Veterinary Hospital*** ***4040 Palladium way # 7*** ***Burlington ON L7M0V6*** | ***GEN***

Generator No: ON2726086
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

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15 | ***14 of 15*** | ***SE/155.1*** | ***162.2 / -2.42*** | ***Walkers Line Veterinary Hospital*** ***4040 Palladium way # 7*** ***Burlington ON L7M0V6*** | ***GEN***

Generator No: ON2726086
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

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

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

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15 | ***15 of 15*** | ***SE/155.1*** | ***162.2 / -2.42*** | ***Dr Varghese Jacob Dentistry Professional corporati***
4040, Palladium Way Unit 6
Burlington ON L7M0V6 | ***GEN***

Generator No: ON5799340
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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16 | ***1 of 1*** | ***NNE/158.5*** | ***164.9 / 0.28*** | ***THE GUY CORPORATION***
4179 PALLADIUM WAY, BURLINGTON, ON L7M 0V9
Burlington ON | ***RSC***

RSC ID: 226384
RA No:
RSC Type: Phase 1 RSC
Curr Property Use: Commercial
Ministry District: Halton-Peel District Office
Filing Date: 2020/01/21
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:

Cert Date:
Cert Prop Use No:
Intended Prop Use: Commercial
Qual Person Name: STEVE CAMPBELL
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Asmt Roll No: 2402030309084250000
Prop ID No (PIN): 07202-3891 (LT)
Property Municipal Address: 4179 PALLADIUM WAY, BURLINGTON, ON L7M 0V9
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122199&fileName=BROWNFIELDS-E.pdf

Document(s) Detail

Document Heading: Supporting Documents
Document Name: Current and Past Use Table - Palladium.pdf
Document Type: Table of Current and Past Property Use

Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122192&fileName=Current+and+Past+Use+Table+-+Palladium.pdf
Document Heading:	Supporting Documents
Document Name:	Palladium Signed Survey - December 2019.pdf
Document Type:	A Current plan of Survey
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122194&fileName=Palladium+Signed+Survey+-+December+2019.pdf
Document Heading:	Supporting Documents
Document Name:	Phase One CSM - 4179 Palladium Way Dec 2019.pdf
Document Type:	Phase 1 Conceptual Site Model
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122197&fileName=Phase+One+CSM+-+4179+Palladium+Way+Dec+2019.pdf
Document Heading:	Supporting Documents
Document Name:	Certificate of Status.pdf
Document Type:	Certificate of Status
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122198&fileName=Certificate+of+Status.pdf
Document Heading:	Supporting Documents
Document Name:	Lawyer Letter Palladium.pdf
Document Type:	Lawyer's letter consisting of a legal description of the property
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122191&fileName=Lawyer+Letter+Palladium.pdf
Document Heading:	Supporting Documents
Document Name:	Parcel Register - Jan 2019.pdf
Document Type:	Copy of any deed(s), transfer(s) or other document(s)
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=122195&fileName=Parcel+Register+-+Jan++2019.pdf

17 **1 of 1** **WNW/163.4** **167.7 / 3.07** **ON** **BORE**

Borehole ID:	891174	**Inclin FLG:**	No
OGF ID:	215583989	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	09-APR-1990	**Municipality:**	
Static Water Level:	11.1	**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.398848
Total Depth m:	15.7	**Longitude DD:**	-79.833062
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594498
Drill Method:	Diamond Drill	**Northing:**	4805769
Orig Ground Elev m:	165	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	165		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504024	**Mat Consistency:**	Very Stiff
Top Depth:	2	**Material Moisture:**	
Bottom Depth:	15.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	

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

Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	Brown to reddish brown. Heterogeneous mixture of clayey silt, sand and gravel. Very stiff to hard. (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504023	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Misc
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Topsoil	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	clayey silt (fill) topsoil **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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18 | ***1 of 1*** | ***WNW/164.2*** | ***167.7 / 3.07*** | ***Walker's Line & Hwy 407 Burlington ON*** | ***EHS***

Order No:	20071105019	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	11/28/2007	**Search Radius (km):**	0.25
Date Received:	11/5/2007	**X:**	
Previous Site Name:		**Y:**	
Lot/Building Size:			
Additional Info Ordered:	Aerials Photos		

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19 | ***1 of 5*** | ***NNW/188.7*** | ***165.0 / 0.33*** | ***Mattamy (Richardson) Limited Burlington ON L6H 6M5*** | ***ECA***

Approval No:	3083-63RPC7	**MOE District:**	Halton-Peel
Approval Date:	2004-08-12	**City:**	
Status:	Approved	**Longitude:**	-79.8314
Record Type:	ECA	**Latitude:**	43.4004
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Halton	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Mattamy (Richardson) Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4364-63QLTE-14.pdf		

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19 | ***2 of 5*** | ***NNW/188.7*** | ***165.0 / 0.33*** | ***Mattamy (Richardson) Limited Burlington ON L6H 6M5*** | ***ECA***

Approval No:	2195-6EAHSX	**MOE District:**	Halton-Peel
Approval Date:	2005-07-14	**City:**	
Status:	Approved	**Longitude:**	-79.8314
Record Type:	ECA	**Latitude:**	43.4004
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Halton	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Mattamy (Richardson) Limited		
Address:			

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

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2318-6EAGWR-14.pdf

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19 | **3 of 5** | **NNW/188.7** | **165.0 / 0.33** | **Mattamy (Richardson) Limited**
Burlington ON L6H 6M5 | **ECA**

Approval No: 4602-6EAHP8
Approval Date: 2005-07-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Mattamy (Richardson) Limited
Address:
Full Address:
Full PDF Link:
MOE District: Halton-Peel
City:
Longitude: -79.8314
Latitude: 43.400400000000005
Geometry X:
Geometry Y:

---

19 | **4 of 5** | **NNW/188.7** | **165.0 / 0.33** | **Mattamy (Richardson) Limited**
Burlington ON L6H 6M5 | **ECA**

Approval No: 3780-63RP7Y
Approval Date: 2004-08-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Mattamy (Richardson) Limited
Address:
Full Address:
Full PDF Link:
MOE District: Halton-Peel
City:
Longitude: -79.8314
Latitude: 43.400400000000005
Geometry X:
Geometry Y:

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19 | **5 of 5** | **NNW/188.7** | **165.0 / 0.33** | **Mattamy (Richardson) Limited**
Burlington ON L6H 6M5 | **ECA**

Approval No: 9802-6G2HJZ
Approval Date: 2005-09-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Halton
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Mattamy (Richardson) Limited
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6929-6DJL74-14.pdf
MOE District: Halton-Peel
City:
Longitude: -79.8314
Latitude: 43.4004
Geometry X:
Geometry Y:

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20 | **1 of 1** | **SE/200.1** | **160.8 / -3.78** | **4050 Palladium Way, Burlington ON** | **INC**

Incident No: 425256
Incident ID: 2576984
Any Health Impact:
Any Enviro Impact:

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

Instance No:		**Service Interrupted:**	
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:		**Commer App. Type:**	
Date of Occurrence:		**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:		**Pipeline Type:**	Service / Riser Distribution Pipeline
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	Plastic
Fuels Occur Type:		**Depth Ground Cover:**	
Fuel Type Involved:		**Regulator Location:**	
Enforcement Policy:		**Regulator Type:**	
Prc Escalation Req:		**Operation Pressure:**	420
Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	
Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:		**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	4050 Palladium Way, Burlington - 1 1/4" Pipeline Hit		
Occurence Narrative:	Bad Locate - Union Gas gave all clear		
Operation Type Involved:			
Item:			
Item Description:			
Device Installed Location:			

21	*1 of 1*	***ENE/203.7***	***157.8 / -6.80***	***3261 STEEPLECHASE DRIVE, LOT 120 BURLINGTON ON L7M 0C6***	***HINC***

External File Num:	FS INC 0701-00197
Fuel Occurrence Type:	Vapour Release
Date of Occurrence:	12/21/2006
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (excluding pipeline strike)
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Utilization
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:Yes Management:Yes Human Factors:No
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Halton
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

22	*1 of 1*	***WNW/203.7***	***170.2 / 5.59***	***ON***	***BORE***

Borehole ID:	891175	**Inclin FLG:**	No
OGF ID:	215583990	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	17-APR-1990	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.399113
Total Depth m:	18.6	**Longitude DD:**	-79.833416
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594469
Drill Method:	Diamond Drill	**Northing:**	4805798
Orig Ground Elev m:	167	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	169		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504026	**Mat Consistency:**	Very Stiff
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	18.6	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	brown to reddish brown. Heterogeneous mixture of clayey silt, sand and gravel. Very stiff to hard. (glacial till). Becoming shale and siltstone fragment **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504025	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Misc
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	clayey silt (fill) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

23 ***1 of 1*** ***WNW/209.6*** ***170.7 / 6.06*** ***ON*** ***BORE***

Borehole ID:	891176	**Inclin FLG:**	No
OGF ID:	215583991	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	06-APR-1990	**Municipality:**	
Static Water Level:	2.5	**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.399203
Total Depth m:	27.1	**Longitude DD:**	-79.833414
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594469

Drill Method:	Diamond Drill	**Northing:**	4805808
Orig Ground Elev m:	167	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	169		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504028	**Mat Consistency:**	Stiff
Top Depth:	.5	**Material Moisture:**	
Bottom Depth:	23.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	Brown to reddish brown. Heterogeneous mixture of clayey silt, sand and gravel. Stiff to hard. (glacial till). Sandy silt (glacial till) reddish brown **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504029	**Mat Consistency:**	
Top Depth:	23.8	**Material Moisture:**	
Bottom Depth:	27.1	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Shale	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	red, weathered, sound. Bedrock, queenston shale **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504027	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Granular
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	Sand and Gravel (fill) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

24	1 of 2	NNE/219.7	163.1 / -1.53	***New Apostolic Church Canada*** ***4209 Palladium Way*** ***Burlington ON L7M 0V9***	GEN

Generator No:	ON6717962	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2020	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	251 L

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

Waste Class Desc: Waste oils/sludges (petroleum based)

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24 **2 of 2** **NNE/219.7** **163.1 / -1.53** **New Apostolic Church Canada** **GEN**
4209 Palladium Way
Burlington ON L7M 0V9

Generator No:	ON6717962	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Apr 2021	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

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25 **1 of 1** **WNW/234.6** **170.9 / 6.28** **BORE**
ON

Borehole ID:	891178	**Inclin FLG:**	No
OGF ID:	215583993	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	12-APR-1990	**Municipality:**	
Static Water Level:	2.5	**Lot:**	
Primary Water Use:		**Township:**	NELSON
Sec. Water Use:		**Latitude DD:**	43.399305
Total Depth m:	18.7	**Longitude DD:**	-79.833696
Depth Ref:	Ground Surface	**UTM Zone:**	17
Depth Elev:		**Easting:**	594446
Drill Method:	Diamond Drill	**Northing:**	4805819
Orig Ground Elev m:	168	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	170		
Concession:			
Location D:	Foundation Investigation Report For Bridge Structure. Hwy. 403- Walkers Line Underpass W.P. 411-85-04, Site No. 10-228. District 4, Burlington		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	8504034	**Mat Consistency:**	Very Stiff
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	18.7	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Clayey	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Gravel	**Depositional Gen:**	glacial
Gsc Material Description:			
Stratum Description:	Brown to reddish brown. Heterogeneous mixture of clayey silt sand and gravel. Very stiff to hard (glacial till) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	8504033	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	Fill-Misc
Material 1:	Silt	**Geologic Formation:**	

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

Material 2: Clayey
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: clayey silt (fill) **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geologic Group:
Geologic Period:
Depositional Gen:

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26 **1 of 3** **ENE/238.9** **158.1 / -6.53** **HALTON DISTRICT SCHOOL BOARD** **GEN**
3290 STEEPLECHASE DR
BURLINGTON ON L7M0W1

Generator No: ON4359327
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

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26 **2 of 3** **ENE/238.9** **158.1 / -6.53** **HALTON DISTRICT SCHOOL BOARD** **GEN**
3290 STEEPLECHASE DR
BURLINGTON ON L7M0W1

Generator No: ON4359327
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

---

26 **3 of 3** **ENE/238.9** **158.1 / -6.53** **HALTON DISTRICT SCHOOL BOARD** **GEN**
3290 STEEPLECHASE DR
BURLINGTON ON L7M0W1

Generator No: ON4359327
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

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27 **1 of 3** **SSE/244.1** **160.9 / -3.74** **Union Gas Limited** **SPL**
3836 Tufgar Cres, Lot 288R
Burlington ON

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

Ref No:	4841-BCEJZ4	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	5/22/2019	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Other
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	3836 Tufgar Cres, Lot 288R
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:	any	**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Burlington
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/22/2019	**Site Map Datum:**	
Dt Document Closed:	6/8/2019	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Pipeline/Components
Site Name:	Work site<UNOFFICIAL>		
Site County/District:	Regional Municipality of Halton		
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB Half Inch ln dmg, Made Safe		
Contaminant Qty:	1 other - see incident description		

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27 | ***2 of 3*** | ***SSE/244.1*** | ***160.9 / -3.74*** | ***ENBRIDGE GAS INC 3836 TUFGAR CRES, LOT 288R,,BURLINGTON, ON,L7M 1P8,CA ON*** | ***PINC***

Incident ID:		**Pipe Material:**	
Incident No:	2587058	**Fuel Category:**	
Incident Reported Dt:	5/22/2019	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Cancelled	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	ENBRIDGE GAS INC		
Incident Address:	3836 TUFGAR CRES, LOT 288R,,BURLINGTON,ON,L7M 1P8,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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27 | ***3 of 3*** | ***SSE/244.1*** | ***160.9 / -3.74*** | ***ENBRIDGE GAS INC 3836 TUFGAR CRES,,BURLINGTON,ON,L7M 1P8,CA ON*** | ***PINC***

Incident ID:			***Pipe Material:***
Incident No:	2586960		***Fuel Category:***
Incident Reported Dt:	5/22/2019		***Health Impact:***
Type:	FS-Pipeline Incident		***Environment Impact:***
Status Code:			***Property Damage:***
Tank Status:	Pipeline Damage Reason Est		***Service Interrupt:***
Task No:			***Enforce Policy:***
Spills Action Centre:			***Public Relation:***
Fuel Type:			***Pipeline System:***
Fuel Occurrence Tp:			***PSIG:***
Date of Occurrence:			***Attribute Category:***
Occurrence Start Dt:			***Regulator Location:***
Depth:			***Method Details:***
Customer Acct Name:	ENBRIDGE GAS INC		
Incident Address:	3836 TUFGAR CRES,,BURLINGTON,ON,L7M 1P8,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	BELLA COURT DEV. LTD.	WALKER'S LINE	BURLINGTON CITY ON	
CA	BELLA COURT DEV. LTD.	WALKER'S LINE	BURLINGTON CITY ON	
CA	A. BROOKS IN TRUST WALKERS HEIGHTS	WALKERS LINE PHASE 1 & 2	BURLINGTON CITY ON	
CA	R.M. OF HALTON WALKERS LINE	WALKERS LINE	BURLINGTON CITY ON	
CA	GEORGE WIMPEY CANADA LIMITED	NON-PROFIT TOWNH. WALKERS LINE	BURLINGTON CITY ON	
CA	ALEXANDRE BROOKS IN TRUST C/O CLEAVER, C	WALKER'S LINE PR-973	BURLINGTON CITY ON	
CA	TALEPI LIMITED	FAIRVIEW VILL.SUB/WALKERS LINE	BURLINGTON CITY ON	
CA	REG.MUN.OF HALTON	WALKERS LINE	BURLINGTON ON	
CA	REG.MUN.OF HALTON	WALKERS LINE	BURLINGTON ON	
CA	CITY	WALKERS LINE	BURLINGTON CITY ON	
CA		Part of Lot 9, Concession 1	Burlington ON	
CA		Part of Lot 9, Concession 1	Burlington ON	
CA	Mattamy (Richardson) Limited		Burlington ON	
CA	Mattamy (Richardson) Limited		Burlington ON	
CA	The Corporation of the City of Burlington	Walkers Line	Burlington ON	
CA	Mattamy (Richardson) Limited		Burlington ON	
CA	Mattamy (Richardson) Limited		Burlington ON	

DTNK	ONEX PACKAGING INC	WALKERS LINE	BURLINGTON ON	
DTNK	ONEX PACKAGING INC	WALKERS LINE	BURLINGTON ON	
ECA	Lloyd Ripani	Part of Lot 9, Concession 1	Burlington ON	L9A 4B2
ECA	Lloyd Ripani	Part of Lot 9, Concession 1	Burlington ON	L9A 4B2
ECA	The Regional Municipality of Halton	Lots 1 to 20, Concession 1 NDS; Lots 13-35, Concession 1 SDS	Burlington ON	L6M 3L1
EHS		Parcel 15	Burlington ON	
SPL		at Walkers Line Westbound	Burlington ON	
SPL	Neelands Refrigeration Limited; Fortinos<UNOFFICIAL>		Burlington ON	

Unplottable Report

Site: ***BELLA COURT DEV. LTD.***
WALKER'S LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0719-86-
Application Year:	86
Issue Date:	7/3/1986
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***BELLA COURT DEV. LTD.***
WALKER'S LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-0901-86-
Application Year:	86
Issue Date:	7/3/1986
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***A. BROOKS IN TRUST WALKERS HEIGHTS***
WALKERS LINE PHASE 1 & 2 BURLINGTON CITY ON

Database: ***CA***

Certificate #:	3-0350-87-
Application Year:	87
Issue Date:	3/30/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF HALTON WALKERS LINE***
WALKERS LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #:	7-0732-88-

Application Year: 88
Issue Date: 6/14/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GEORGE WIMPEY CANADA LIMITED***
NON-PROFIT TOWNH. WALKERS LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0908-89-
Application Year: 89
Issue Date: 5/29/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ALEXANDRE BROOKS IN TRUST C/O CLEAVER, C***
WALKER'S LINE PR-973 BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-0980-86-
Application Year: 86
Issue Date: 7/25/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TALEPI LIMITED***
FAIRVIEW VILL.SUB/WALKERS LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #: 7-1004-97-
Application Year: 97
Issue Date: 9/16/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG.MUN.OF HALTON***
WALKERS LINE BURLINGTON ON

Database: ***CA***

Certificate #: 7-0896-85-006
Application Year: 85
Issue Date: 10/29/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***REG.MUN.OF HALTON***
WALKERS LINE BURLINGTON ON

Database: ***CA***

Certificate #: 3-1205-85-006
Application Year: 85
Issue Date: 10/29/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CITY***
WALKERS LINE BURLINGTON CITY ON

Database: ***CA***

Certificate #: 3-1262-85-006
Application Year: 85
Issue Date: 11/6/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Part of Lot 9, Concession 1 Burlington ON

Database: ***CA***

Certificate #: 5614-575JL6
Application Year: 02
Issue Date: 2/13/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Lloyd Ripani
Client Address: 32 East 14th Street

Client City: Hamilton
Client Postal Code: L9A 4B2
Project Description: Construction of Storm and Sanitary Sewers
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Part of Lot 9, Concession 1 Burlington ON

Certificate #: 2785-575JFV
Application Year: 02
Issue Date: 2/13/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Lloyd Ripani
Client Address: 32 East 14th Street
Client City: Hamilton
Client Postal Code: L9A 4B2
Project Description: Construction of Watermains
Contaminants:
Emission Control:

Site: ***Mattamy (Richardson) Limited*** ***Database:*** ***CA***
Burlington ON

Certificate #: 2195-6EAHSX
Application Year: 2005
Issue Date: 7/14/2005
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: ***Mattamy (Richardson) Limited*** ***Database:*** ***CA***
Burlington ON

Certificate #: 5930-78NNJ7
Application Year: 2007
Issue Date: 11/6/2007
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 Burlington*** ***Database:*** ***CA***
Walkers Line Burlington ON

Certificate #: 6550-6ERVKW
Application Year: 2005

Issue Date: 8/2/2005
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: ***Mattamy (Richardson) Limited***
Burlington ON

Database: ***CA***

Certificate #: 3083-63RPC7
Application Year: 2004
Issue Date: 8/12/2004
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: ***Mattamy (Richardson) Limited***
Burlington ON

Database: ***CA***

Certificate #: 9802-6G2HJZ
Application Year: 2005
Issue Date: 9/14/2005
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: ***ONEX PACKAGING INC***
WALKERS LINE BURLINGTON ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 9889004
Status: EXPIRED
Instance ID: 397402
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:

ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Description: FS Propane Refill Cntr - Cylr Fill
Original Source: EXP
Record Date: Up to Mar 2012

Site: ***ONEX PACKAGING INC***
WALKERS LINE BURLINGTON ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 11102980
Status: EXPIRED
Instance ID: 68505
Instance Type: FS Propane Tank
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Description: FS Propane Tank
Original Source: EXP
Record Date: Up to Mar 2012

Site: ***Lloyd Ripani***
Part of Lot 9, Concession 1 Burlington ON L9A 4B2

Database: ***ECA***

Approval No: 2785-575JFV
Approval Date: 2002-02-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Project Type: Municipal and Private Water Works
Business Name: Lloyd Ripani
Address: Part of Lot 9, Concession 1
Full Address:
Full PDF Link:

Site: ***Lloyd Ripani***
Part of Lot 9, Concession 1 Burlington ON L9A 4B2

Database: ***ECA***

Approval No: 5614-575JL6
Approval Date: 2002-02-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Lloyd Ripani
Address: Part of Lot 9, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9424-55BJSR-14.pdf

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Site: ***The Regional Municipality of Halton***
Lots 1 to 20, Concession 1 NDS; Lots 13-35, Concession 1 SDS Burlington ON L6M 3L1

Database: ***ECA***

Approval No: 0154-BRTKMH
Approval Date: 2020-09-11
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Regional Municipality of Halton
Address: Lots 1 to 20, Concession 1 NDS; Lots 13-35, Concession 1 SDS
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5324-BN9QQX-14.pdf

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Site:
Parcel 15 Burlington ON

Database: ***EHS***

Order No: 19990601015
Status: C
Report Type: Custom Report
Report Date: 6/11/99
Date Received: 6/1/99
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.50
X: -79.833273
Y: 43.397201

Site:
at Walkers Line Westbound Burlington ON

Database: ***SPL***

Ref No: 2240-8UNLFT
Site No:
Incident Dt: 26-MAY-12
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address: at Walkers Line Westbound
Site District Office:

Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Burlington
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Sewage - Municipal/Private and Commercial	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	26-MAY-12	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:		***Source Type:***	
Site Name:	QEW<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	QEW at Walkers Line: spill diesel, cleaning		
Contaminant Qty:			

Site: ***Neelands Refrigeration Limited; Fortinos<UNOFFICIAL>***
Burlington ON

Database: ***SPL***

Ref No:	3565-9H7QGA	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/03/14	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Leak/Break	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	38	***Nearest Watercourse:***	
Contaminant Name:	FREON R-22 (CFC)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Burlington
Nature of Impact:	Air Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/03/14	***Site Map Datum:***	
Dt Document Closed:	2014/10/09	***SAC Action Class:***	Air Spills - Gases and Vapours
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	1059 Palines Rd East<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Fortinos Burlington: Refridgerant Release		
Contaminant Qty:	115.9 kg		

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-Sep 30, 2021

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 2019

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: May 31, 2021

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-Sep 30, 2021

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 -Aug 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-Jul 2021

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 - Sep 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: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Sep 30, 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- Sep 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- Aug 31, 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-Jun 30, 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 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, 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: May 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-Aug 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: May 31, 2021

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-Apr 30, 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 in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

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-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: 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-Jan 2021

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-Sep 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- Aug 31, 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: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Sep 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-Sep 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-Sep 30, 2021

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: May 31, 2021

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- Aug 31, 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, 2021

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.