



**PATERSON
GROUP**

December 22, 2023
File: PE6088-LET.01

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Rural Development Design
Retaining Wall Design
Noise and Vibration Studies

patersongroup.ca

Concorde Properties
408 Tweedsmuir Avenue
Ottawa, Ontario
K1Z 5N5

Attention: **Mr. Jordan Tannis**

Subject: **Phase I-Environmental Site Assessment Update
1291, 1295 & 1305 Summerville Avenue and
1058, 1062 & 1066 Silver Street
Ottawa, Ontario**

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (ESA) Update for the aforementioned properties. This report updates three previous Phase I ESAs titled "Phase I Environmental Site Assessment, 1305 Summerville Avenue, Ottawa, Ontario" prepared by Paterson Group, dated October 30, 2018, "Phase I Environmental Site Assessment, 1291 Summerville Avenue, Ottawa, Ontario" prepared by Paterson Group, dated January 14, 2021 and "Phase I Environmental Site Assessment, 1058, 1062 and 1066 Silver Street, Ottawa, Ontario" prepared by Paterson Group, dated December 3, 2021. It should be noted that 1295 Summerville Avenue was included in the January 2021 Phase I ESA. This report is intended to meet the requirements of a Phase I ESA Update, as per the MECP Standard O.Reg. 153/04, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous reports.

Site Information

The Phase I Property is currently occupied by three, three-storey residential apartment buildings addressed 1291, 1295 & 1305 Summerville Avenue and three residential dwellings addressed 1058, 1062 & 1066 Silver Street. The Phase I Property is located on the northwest corner of the Summerville Avenue and Silver Street intersection, in the City of Ottawa, Ontario. The Phase I property is an L-shaped lot with a footprint of approximately 5500 square meters in a R4UC - Residential Fourth Density Zone. The property is surrounded by residential properties. The Phase I Property is situated in a



municipally serviced area. The updated configuration of the Phase I Property is shown on Drawing PE6088-1 - Site Plan, which is appended to this report.

Records Review

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA Study Area for this assignment. Properties outside the 250 m radius are not considered to have the potential to impact the Phase I Property, based on their separation distance.

First Developed Use Determination

Based on a historical review, the Phase I Property was first used for residential purposes around 1956.

Previous Engineering Reports

- 'Phase I Environmental Site Assessment, 1305 Summerville Avenue, Ottawa, Ontario, prepared by Paterson Group, dated October 30, 2018.

The original Phase I ESA was completed for one portion of the Phase I Property addressed 1305 Summerville Street. The Phase I ESA indicated that this portion was first developed for residential purposes around 1965 and was occupied by the present-day residential apartment building.

Adjacent properties consisted of residential properties with limited commercial properties present along Merivale Road at least 200m northwest of the Phase I Property. Multiple PCAs were identified in the study area of the 2018 Phase I ESA but were deemed not to pose a potential environmental concern to the subject site due to their distance away and down-gradient orientation to the Phase I Property. No potential environmental concerns were identified with the use of the Phase I Property or adjacent properties. It was recommended that if renovation or demolition of the existing building was expected, a designated substance survey must be conducted in accordance with Ontario Regulation 490/09, under the Occupational Health and Safety Act. A Phase II ESA was not recommended.

- 'Phase I Environmental Site Assessment, 1291 Summerville Avenue, Ottawa, Ontario, prepared by Paterson Group, dated January 14, 2021.

The Phase I ESA was completed for one portion of the Phase I Property addressed 1291 & 1295 Summerville Street. The Phase I ESA indicated that this portion was first developed for residential purposes around 1960 and was occupied by the present-day residential apartment building.



Adjacent properties consisted of residential properties with limited commercial properties present along Merivale Road at least 240 m northwest of the Phase I Property. No potential environmental concerns were identified with the use of this portion of the Phase I Property or adjacent properties. It was recommended that if renovation or demolition of the existing building was expected, a designated substance survey must be conducted in accordance with Ontario Regulation 490/09. A Phase II ESA was not recommended.

- 'Phase I Environmental Site Assessment, 1058, 1062 and 1066 Silver Street, Ottawa, Ontario, prepared by Paterson Group, dated December 3, 2021.

This Phase I ESA was completed for three lots of the Phase I Property addressed 1058, 1062 and 1066 Silver Street. The Phase I ESA indicated that this portion was first developed for residential purposes around 1956 and was occupied by the present-day single-family dwellings.

Adjacent properties consisted of residential properties with limited commercial properties present along Merivale Road at least 240m northwest of the Phase I Property. No potential environmental concerns were identified with the use of this portion of the Phase I Property or adjacent properties. It was recommended that if renovation or demolition of the existing dwellings was expected, a designated substance survey must be conducted in accordance with Ontario Regulation 490/09. A Phase II ESA was not recommended.

- 'Designated Substance Survey, 1305 Summerville Avenue, Ottawa, Ontario, prepared by Paterson Group, dated July 25, 2023.

A Designated Substance Survey Report was completed in July of 2023 for 1305 Summerville Avenue. The pipe elbow insulation located on mechanical piping within the first-floor boiler room and potentially within wall and ceiling cavities of the subject building, the Air-Cell Pipe Run Insulation located on mechanical piping within the first-floor boiler room and potentially within wall and ceiling cavities of the subject building and caulking located on the exterior window frames of the subject building were deemed to be asbestos containing materials (ACMs). The report also stated that lead may be present in the solder used in the copper plumbing system. It was determined that it does not pose a concern to construction workers, provided it is not heated or pulverized. Based on the analytical test results, two (2) lead-containing paint were identified within the subject building. Silica was also expected to be present in various building materials, including concrete and cement parging. Reference should be made to this report for further details and recommendations.



Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on December 6, 2023. The subject site and adjacent properties were not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I study area.

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. A response from the MECP indicated that no records were found for the subject site.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the property. A response from the MECP indicated that no records were found for the subject site.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. A response from the MECP indicated that no records were found for the subject site.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. A response from the MECP indicated that no records were found for the subject site.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the subject property or properties within the Phase I ESA study area.



Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on December 6, 2023. The search did not reveal any areas of natural significance within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on December 14, 2023 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the Phase I Property or the adjacent properties.

City of Ottawa Historical Land Use Inventory (HLUI)

A requisition form was sent to the City of Ottawa's Historical Land Use Inventory (HLUI) as part of the original 2021 Phase I-ESAs that included the Phase I Property. It is not expected that a new inquiry would reveal any new information or activities on the Phase I Property or on properties within the study area, as the subject land and surrounding properties have always existed as vacant or residential lands. Therefore, an additional HLUI request was not submitted as part of this Phase I ESA Update.

The HLUI database results for the Phase I Property did not identify any activities on-site. Seven (7) activities were identified on properties within 250 m of the Phase I Property. Due to their significant distance away, these properties do not pose a potential environmental concern to the Phase I Property. The HLUI Response Letter is included in the Attachments.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated October 29, 2020, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in the attachments.

On-Site Records:

The ERIS report did not identify any relevant records pertaining to the subject site.

Off-Site Records:

Five (5) Ontario Spill Records were identified within the Phase I Study Area, which were related to furnace oil or gasoline releases 100 meters or more away from the subject land. Based on the separation distances, these reported spills are not considered to pose a risk to the Phase I Property.



The other off-site records identified are listed for properties which are situated at a significant distance away or are situated in an inferred down-gradient or cross-gradient orientation with respect to anticipated groundwater flow. As a result, these remaining off-site properties are not considered to pose a potential environmental concern to the subject site.

Aerial Photographs

The latest aerial image in the 2021 Phase I ESA reports was from 2017. A review of aerial photograph from 2022 revealed that a new residential apartment building has been constructed on the Phase I Property, the portion addressed 1295 which was vacant at the time of the 2021 Phase I ESA. No other significant changes were noted on the Phase I or surrounding properties.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada - The Atlas of Canada website. The topographic maps indicate that the subject site and surrounding area is generally flat and level sloping slightly to the north and northeast. An illustration of the referenced topographic map is presented on Figure 2 - Topographic Map following the body of this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada - The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The subject site is located in the Central St. Lawrence Lowland, "where the land is rarely more than 150 m above sea level, except for the Montréal Hills, which consist of intrusive igneous rocks".

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of limestone of the Ottawa Formation. Based on the maps and local borehole records, the overburden consists of glacial till where present and may be around 4m thick.



Water Well Records

A well record search was conducted on December 8, 2023 for all drilled wells within 250 m of the subject site. The search returned three (3) well records, all of which were domestic wells drilled in 1949, 1952 and 1953, more than 100 m away from the subject land. These wells were drilled to fresh water at depths ranging from approximately 26 to 37 m below the ground surface (mbgs). Although there were no well abandonment records, it is expected that these wells are no longer in-use since the area is situated in a municipally serviced area.

Based on well records, the stratigraphy in the area consists of clay and till, underlain by limestone bedrock, which was encountered at depths ranging from approximately 2.4 to 4 mbgs. No other information was provided in the well records. A copy of the well records has been included following the body of this report.

Property Owner Representative Interview

Mr. Jordan Tannis, of Concorde Properties, was interviewed as part of this update. Mr. Tannis was unaware of any potential environmental concerns on the adjacent and neighbouring properties.

Site Reconnaissance

Our site reconnaissance visit was conducted on December 11, 2023. Weather conditions were overcast, with a temperature of approximately -1° C. Mr. Mohammed Ramadan from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

Exterior Assessment

The Phase I Property is occupied by three, 3-storey residential apartment buildings addressed 1291, 1295 and 1305 Summerville Avenue, two, 2-storey residential dwellings and a bungalow addressed 1058, 1062 and 1066 Silver Street.

The residential dwellings located on Silver Street were constructed starting circa 1956 with concrete block foundations and are heated by natural gas. The exteriors of the dwellings are finished in stucco with sloped shingle-style roofs. Two (2) private garages associated with 1058 and 1066 Silver Street are situated on the south and north sides of the lots, respectively, while a temporary structure/garage is present at 1062 Silver Street.

The property addressed 1305 Summerville Avenue is occupied by a three-storey residential multi-tenant apartment block and single storey private storage garages. The main building is constructed of brick and concrete block with a flat roof and concrete



foundation. The garages are constructed of brick and concrete block with a pitched and shingled roof and are unheated.

The property addressed 1295 Summerville Street is currently occupied by a three-storey residential apartment building with a full basement level. The building was constructed in 2021 with concrete foundation and is heated by natural gas. The building is finished on the exterior with brick and has a flat roof. The property addressed 1291 Summerville Street is currently at the final stages of construction and has an identical layout and finishes as 1295 Summerville Street.

The subject buildings are centrally situated with laneways fronting the west side of Silver Street and fronting Summerville Avenue. Landscaped areas are present west and east of the subject buildings on Silver Street and north and south of the subject buildings located at Summerville Street. The site topography is relatively flat, however, above the grade of Silver Street and Summerville Avenue. The regional topography in the area slopes down in a north-easterly direction. Site drainage on the landscaped areas occurs through surficial infiltration, while sheet flow occurs on the paved areas, with overflow draining into catch basins located along Silver Street and Summerville Avenue.

No evidence of former USTs or ASTs was noted at the time of the site visit. No areas of ponded water, stained pavement, stressed vegetation or unidentified substances were observed on-site at the time of the site visit. However, the subject site was covered by snow at the time of the site inspection.

The surrounding properties were also observed during the site visit and are shown on Drawing PE6088-2 - Surrounding Land Use Plan.

Interior Assessment

For the Silver Street properties, the floors consisted of hardwood, ceramic tiling, and laminate flooring and concrete in the basements. The walls and ceilings consisted of hard plaster and drywall. Lighting throughout the buildings was a mixture of fluorescent and incandescent fixtures. The identified potentially designated building materials consist of asbestos containing plaster, drywall joint compound and lead containing paint on surfaces throughout the buildings. At the time of the site inspection, building materials and painted surfaces appeared to be in good condition. No potential environmental concerns were identified within the interior of the subject buildings at the time of the assessment.

For 1291 and 1295 Summerville Street, the floors consisted of hardwood, ceramic tiling, laminate flooring and concrete in the basements. The walls and ceilings consisted of plaster and drywall. Lighting throughout the building was a mixture of fluorescent and incandescent fixtures. Due to their recent construction, no potentially designated building materials are expected to be present for these properties. For 1305 Summerville Street,



an interior assessment could not be completed because the building is currently vacant and is undergoing renovations.

All buildings are currently heated by natural gas. Fire extinguishers, freezers, refrigerators and air conditioning units in the apartments may be potential sources of ozone depleting substances (ODSs) on site. These appliances should be regularly serviced and maintained by certified contractors. Solid non-hazardous waste and recycling is stored in bins on the exterior of the properties. This material is removed by a contractor on a regular basis. No concerns were identified with respect to the waste management practices at the Phase I Property.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area is primarily residential. No environmental concerns were identified with the use of neighbouring lands.

Review and Evaluation of Information

Land Use History

Based on a historical review, the Phase I Property was first used for residential purposes around 1956.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No potentially contaminating activities were identified on the Phase I Property. Three properties within the study area were identified as having had Potentially Contaminating Activities (PCAs) operating on them. These include a dry cleaner, automobile repair and service garages and a retail fuel outlet. These PCAs are not considered to pose an environmental concern based on their separation distance and/or down- or cross-gradient location from the Phase I property.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of limestone of the Ottawa Formation. Based on the maps and local borehole records, the overburden consists of glacial till where present



and may be around 4m thick. Groundwater flow is interpreted to be in a north-easterly direction.

Existing Buildings and Structures

Three, 3-storey residential apartment buildings addressed 1291, 1925 and 1305 Summerville Avenue and three residential dwellings addressed 1058, 1062 & 1066 Silver Street.

Areas of Natural Significance and Water Bodies

No areas of natural significance or water bodies were identified on the Phase I Property or within the Phase I Study Area.

Drinking Water Wells

The subject site is located within a municipally supplied area for drinking water. Three historic drinking water wells are recorded in the Phase I ESA study area. It is expected that these are no longer in use given the urban setting.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists of residential properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As previously discussed, several Potentially Contaminating Activities have been identified within the study area however, none are considered to represent Areas of Potential Environmental Concern.

Contaminants of Potential Concern

As previously discussed, no Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA Update is considered to be sufficient to conclude that there are no PCAs or APECs on the Phase I Property. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.



Conclusions

Based on the results of this Phase I ESA Update, **it is our opinion, that a Phase II Environmental Site Assessment is not required for the property.**

Statement of Limitations

This Phase I - Environmental Site Assessment Update report has been prepared under the supervision of a Qualified Person in general accordance with the agreed scope-of-work and O.Reg. 153/04. The conclusions presented herein are based on information gathered from a historical review and field inspection program.

The findings of the Phase I ESA Update are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

Should any conditions be encountered at the Phase I Property and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Concorde Properties. Permission and notification from Concorde Properties and this firm will be required to release this report to any other party.

We trust that this submission satisfies your current requirements. Should you have any questions please contact the undersigned.

Paterson Group Inc.

Mohammed Ramadan, B.Sc.

Mark S. D'Arcy, P.Eng., QP_{ESA}





Mr. Jordan Tannis

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File: PE6088-LET.01

Report Distribution:

- Concorde Properties (1 copy)
- Paterson Group (1 copy)

Attachments:

- Figure 1 - Key Plan
- Figure 2 - Topographic Map
- Drawing PE6088-1 - Site Plan
- Drawing PE6088-2 - Surrounding Land Use Plan
- MECP FOI Response Letter
- TSSA Correspondence
- HLUI Response Letter
- ERIS Report

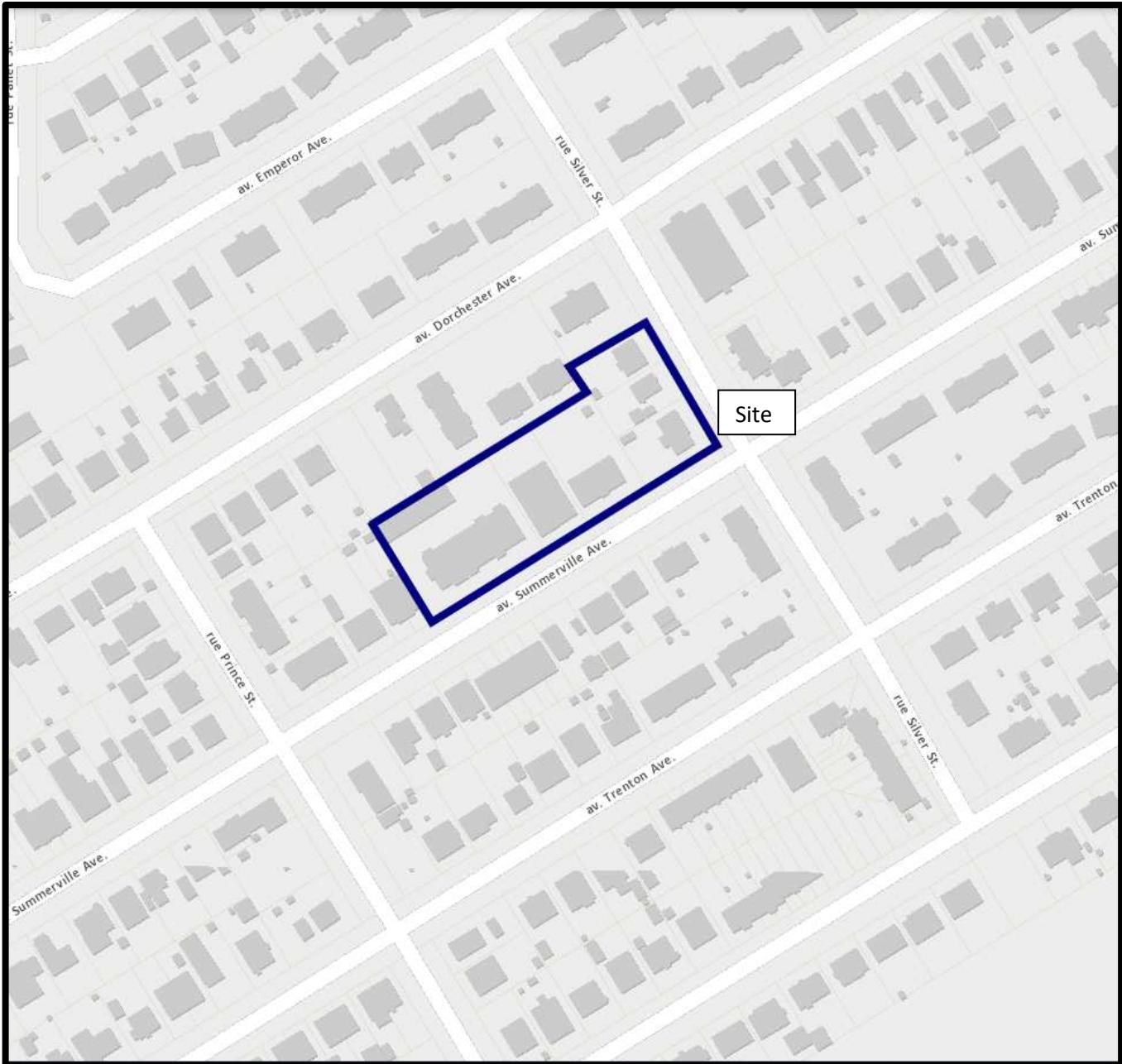


FIGURE 1
KEY PLAN

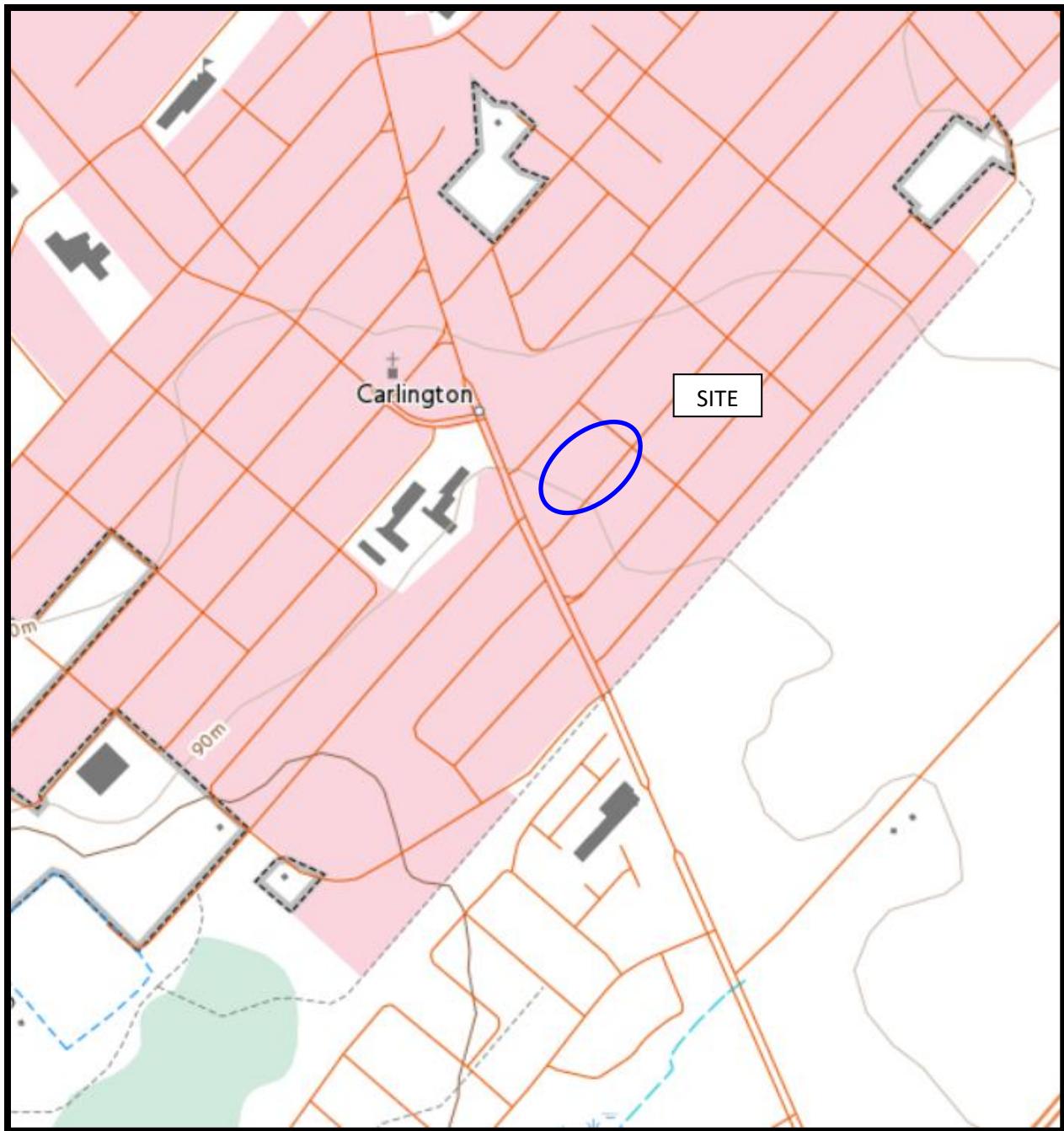
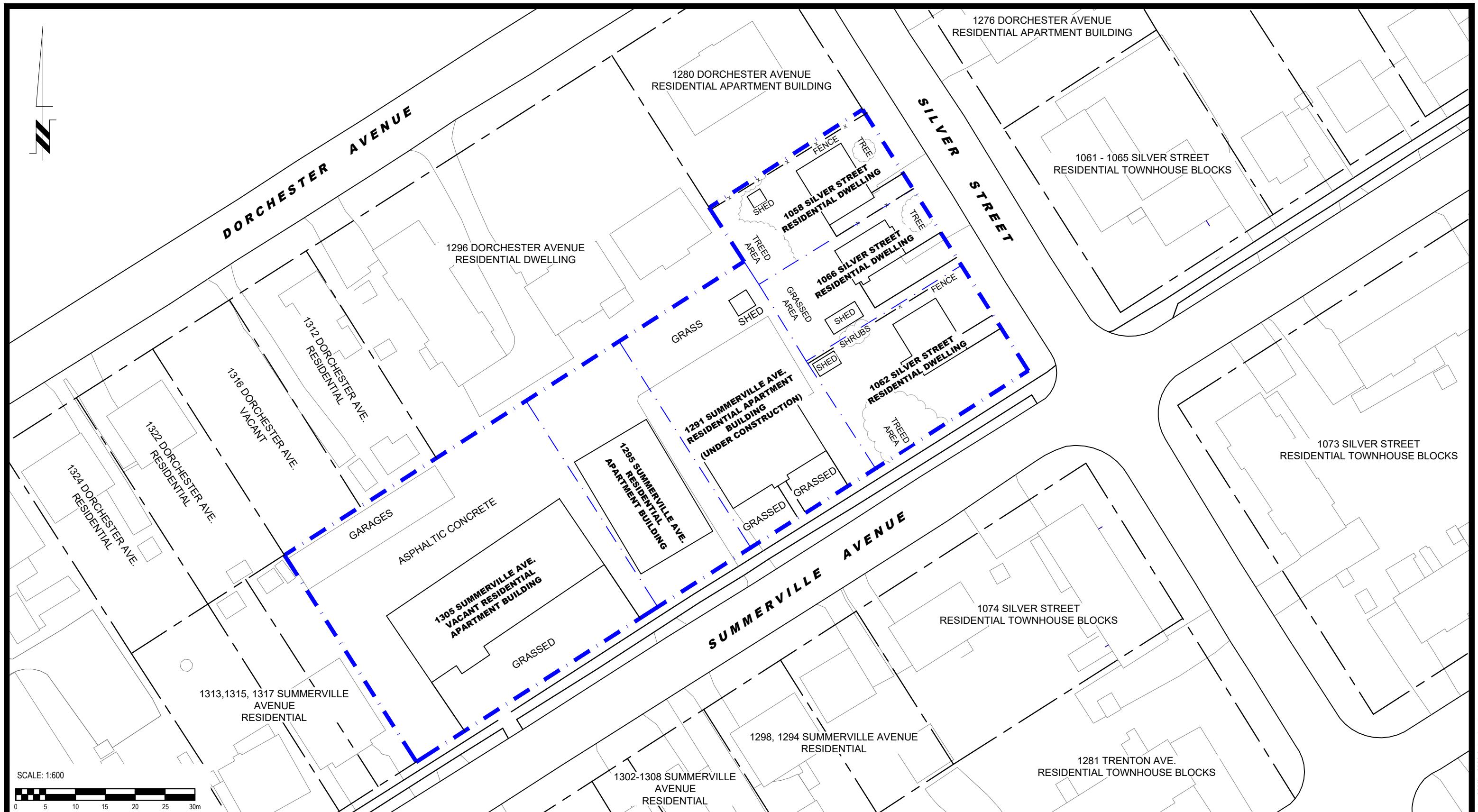


FIGURE 2
TOPOGRAPHIC MAP



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| <p>PATERSON GROUP</p> <p>9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381</p> | | | <p>CONCORDE PROPERTIES PHASE I - ENVIRONMENTAL SITE ASSESSMENT 1305, 1295 & 1291 SUMMERVILLE AVENUE AND 1058, 1062 & 1066 SILVER STREET</p> <p>OTTAWA, ONTARIO</p> <p>SITE PLAN</p> | | | | <p>Scale: 1:1000</p> <p>Drawn by: GK</p> <p>Checked by: MR</p> <p>Approved by: MSD</p> | <p>Date: 12/2023</p> <p>Report No.: PE6088-LET.01</p> <p>Dwg. No.: PE6088-1</p> <p>Revision No.:</p> |
| | | | NO. | REVISIONS | DATE | INITIAL | | |



|  PATERSON GROUP <small>9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7791</small> | | | | | CONCORDE PROPERTIES PHASE I - ENVIRONMENTAL SITE ASSESSMENT 1305, 1295 & 1291 SUMMERVILLE AVENUE AND 1058, 1062 & 1066 SILVER STREET OTTAWA, ONTARIO Title: SURROUNDING LAND USE PLAN | Scale: 1:3000 Drawn by: GK Checked by: MR Approved by: MSD Date: 12/2023 Report No.: PE6088-LET.01 Dwg. No.: PE6088-2 Revision No.: | |
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Ministry of the Environment,
Conservation and Parks

Access and Privacy Office
12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et
de la protection de la vie privée
12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc. : (416) 314-4285



October 29, 2021

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

**RE: *Freedom of Information and Protection of Privacy Act Request*
Our File # A-2021-00857, Your Reference PE5083-2**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 1062 and 1066 Silver Street, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Hira Ashraf at (647) 642-9681 or hira.ashraf@ontario.ca.

Yours truly,

Noel Kent
Manager, Access and Privacy

RE: Records Search for PE6088

Public Information Services <publicinformationservices@tssa.org>

Thu 12/14/2023 10:32 AM

To: Mohammed Ramadan <MRamadan@patersongroup.ca>

Hello ,

NO RECORD FOUND IN CURRENT DATABASE

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

- We confirm that there are NO records in our database of any **fuel storage tanks** at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please apply for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the applications and the Service Prepayment Portal:

Accessing the applications

1. Click [Request a Public Record](#)
2. Select the appropriate application, download it, complete it in full and save it (you will have to upload application)
3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

Accessing the Service Prepayment Portal

1. Select new or existing customer (*if you are an existing customer, you will need your account number & postal code to access your account)
2. Under "Program Area" select **Public Information** and click continue
3. Enter application form number (found on the bottom left corner of the application form) and click continue
4. Complete the primary contact information section
5. Complete the fee section
6. Upload your completed application
7. Upload supporting documents (if required) and click continue

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

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

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

Kind regards,

Melanie Fowler | Public Information Releases Agent

Legal
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: +1 416-734-3593 | Fax: +1 416-231-4903 | E-Mail: mfowler@tssa.org
www.tssa.org

**Winner of 2023 5-Star Safety Cultures Award**

From: Mohammed Ramadan
 <MRamadan@patersongroup.ca>
Sent: Thursday, December 14, 2023 7:30 AM

To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search for PE6088

[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 Afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills, or other incidents/infractions for the following address in Ottawa, Ontario:

1291, 1294, 1295, 1305 Summerville Avenue
 1058, 1062, 1066, 1074 Silver Street
 1290, 1316 Dorchester Ave

Regards,



MOHAMMED RAMADAN, B.Sc.
 Environmental Inspector

TEL: (613) 226-7381 ext. 345
 DIRECT: (613) 909-8069

9 AURIGA DRIVE
 OTTAWA ON K2E 7T9

patersongroup.ca

TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

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



File Number: D06-03-20-0184

December 18, 2020

Mandy Witteman
Paterson Group Inc.
Sent via email

Dear Ms. Witteman,

**Re: Information Request
1291 Summerville Avenue, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Disposals and Environmental Remediation Unit:** No comments.
- **Sewer Use Program:** No information returned.
- **Environment and Health Protection:** No comments.
- **Solid Waste Services:** No information.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

- There are no activities associated with the subject property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 7 properties with an activity number within 250 metres of the subject property. Please see the attached table for more information.

Please note that certain activities may have been identified to have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location

*Shaping our future together
Ensemble, formons notre avenir*

City of Ottawa
Planning, Infrastructure and Economic
Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 21690
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et
du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 21690
Téléc: (613) 560-6006
www.ottawa.ca

of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This

information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Seana Turkington at 613-580-2424 ext. 27790 or HLUI@ottawa.ca

Sincerely,



Seana Turkington

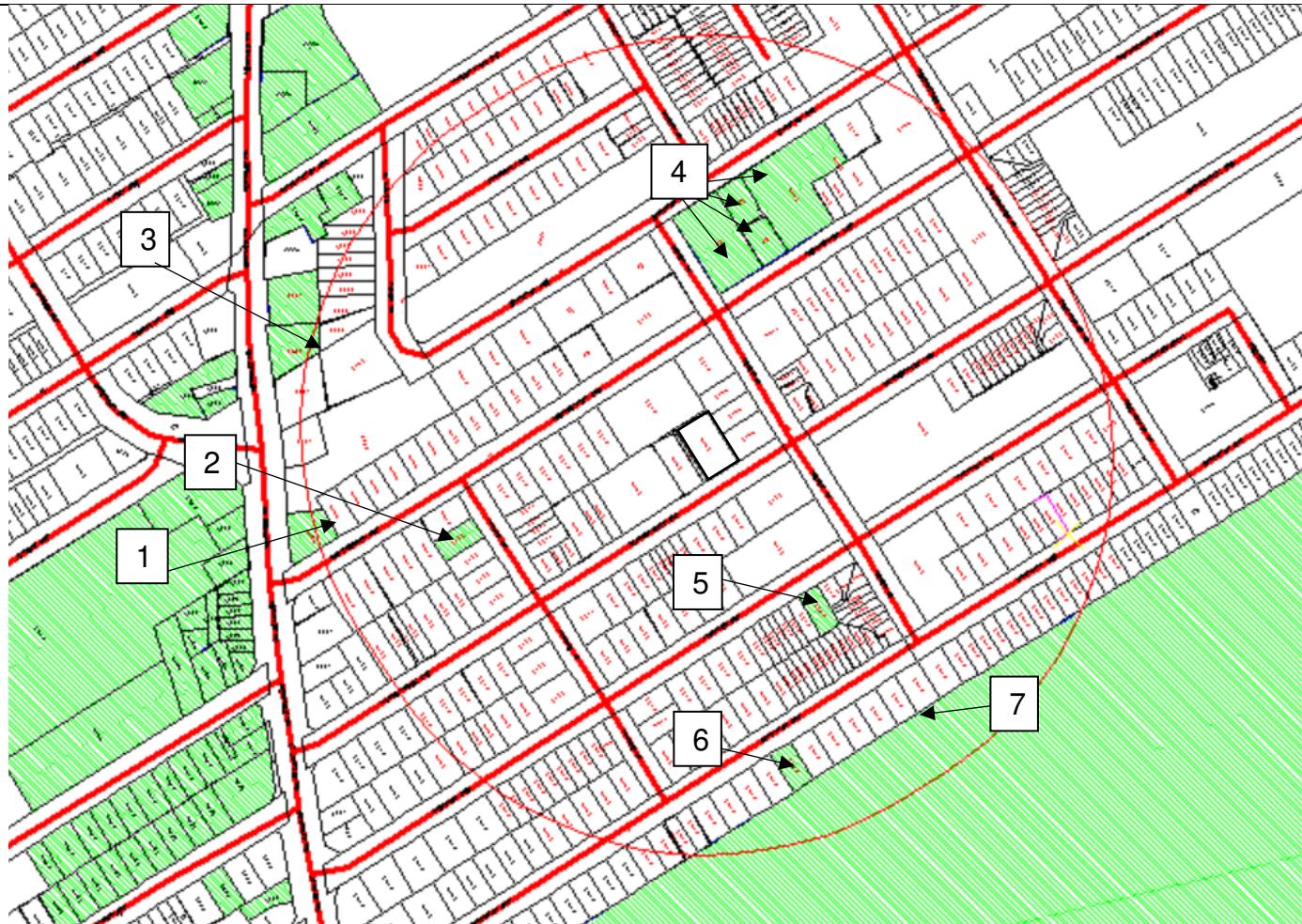
Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB/ ST

Enclosures.

cc: File no. D06-03-20-0184



Scale 1: n/a 1291 Summerville Avenue
Ottawa, ON
File # D06-03-20-0184
Seana Turkington



Overview
ID# = Area Number

 = Subject Site



| Area | Associated HLUI Activities | HLUI Activities with a PIN Certainty of "2" * |
|------------------|---|--|
| Subject Property | No activities associated with subject property. | |
| 1 | 2970, 6380 | |
| 2 | 6048 | |
| 3 | 1576, 1723, 240, 3266, 5634, 5926 | |
| 4 | 13081 | |
| 5 | 5139 | |
| 6 | 4342 | |
| 7 | 2631 | |

*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.



Historical Land Use Inventory

Adjacent Properties within 250m

Area & Activity Numbers



Historical Land Use Inventory

Area 1 Activity Numbers



CITY OF OTTAWA
HLUI ID: 6799DT
AREA (Square Metres): 816.270

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:15:25

| Study Year | PIN | Multi-NAIC | Multiple Activities |
|--------------------------|-----------------------------|----------------------------------|----------------------------|
| 2005 | 040440052 | Y | Y |
| Activity ID: | 2970 | Multiple PINS: | N |
| PIN Certainty: | 1 | Previous Activity ID(s) : | |
| Related PINS: | 040440052 | | |
| Name: | CAPITAL CREATIONS | | |
| Address: | 1099 MERIVALE ROAD, | | |
| Facility Type: | Interior and Finishing Work | | |
| Comments 1: | | | |
| Comments 2: | | | |
| Generator Number: | | | |
| Storage Tanks: | | | |
| HL References 1: | | | |
| HL References 2: | | | |
| HL References 3: | 2001 Employment Survey | | |
| NAICS | SIC | | |
| 238320 | 0 | | |

Company Name **Year of Operation**

CAPITAL CREATIONS c. 2001



CITY OF OTTAWA
HLUI ID: 6799DT
AREA (Square Metres): 816.270

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:15:25

Study Year
2005

PIN
040440052

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 6380 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 040440052
Name: HAPPY HOME SVC LIMITED
Address: 1099 MERIVALE ROAD,
Facility Type: Service Industries Incidental to Air Transport
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

| NAICS | SIC |
|--------------|------------|
| 561722 | 0 |
| 561799 | 0 |

| Company Name | Year of Operation |
|------------------------|--------------------------|
| HAPPY HOME SVC LIMITED | c. 2005 |



Historical Land Use Inventory

Area 2 Activity Numbers



CITY OF OTTAWA
HLUI ID: 6790TS
AREA (Square Metres): 465.432

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:18:57

Study Year
2005

PIN
040440195

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 6048 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 040440195

Name: FIRST CLASS LIMOUSINE SERVICE

Address: 1050 PRINCE STREET,

Facility Type: Public Passenger Transit Systems Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

| NAICS | SIC |
|--------------|------------|
| 621911 | 0 |
| 485990 | 0 |
| 487110 | 0 |
| 485320 | 0 |

| Company Name | Year of Operation |
|-------------------------------|--------------------------|
| FIRST CLASS LIMOUSINE SERVICE | c. 2005 |
| FIRST CLASS LIMOUSINE SERVICE | c. 2001 |



Historical Land Use Inventory

Area 3 Activity Numbers



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1576 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 040440004
Name: BESO CLEAN
Address: 1061 MERIVALE ROAD,
Facility Type: Service Industries Incidental to Air Transport
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

| NAICS | SIC |
|--------------|------------|
| 561722 | 0 |
| 561799 | 0 |

| Company Name | Year of Operation |
|---------------------|--------------------------|
| BESO CLEAN | c. 2005 |



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1723 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 3526
Related PINS: 040440004
Name: BONNIE CLEANERS LIMITED
Address: 1061 MERIVALE ROAD, OTTAWA
Facility Type: Laundries and Cleaners
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980
HL References 2:
HL References 3:

| NAICS | SIC |
|--------------|------------|
| 812310 | 972 |
| 812320 | 972 |
| 561740 | 972 |
| 812330 | 972 |

| Company Name | Year of Operation |
|----------------------|--------------------------|
| Bonnie Cleaners Ltd. | c. 1970-1980 |



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 240 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 040440004

Name: AQUATITE CONTRACTING

Address: 1061 MERIVALE ROAD, OTTAWA

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

| NAICS | SIC |
|--------------|------------|
| 238310 | 0 |

| Company Name | Year of Operation |
|----------------------|--------------------------|
| AQUATITE CONTRACTING | c. 2001 |



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 3266 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 040440004
Name: COMPUNATION COMPUTERS INC. ORPORATED
Address: 1061 MERIVALE ROAD, OTTAWA
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

| NAICS | SIC |
|--------------|------------|
| 443120 | 0 |

| Company Name | Year of Operation |
|--------------------------------------|--------------------------|
| COMPUNATION COMPUTERS INC. ORPORATED | c. 2001 |



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 5634 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 040440004

Name: FILTER QUEEN VACUUMS

Address: 1061 MERIVALE ROAD, OTTAWA

Facility Type: Appliance, Television, Radio and Stereo Stores

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

| NAICS | SIC |
|--------------|------------|
| 443110 | 0 |

| Company Name | Year of Operation |
|----------------------|--------------------------|
| FILTER QUEEN VACUUMS | c. 2001 |



CITY OF OTTAWA
HLUI ID: 679EFR
AREA (Square Metres): 985.055

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:19:56

Study Year
1998

PIN
040440004

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 5926 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 040440004

Name: GLEN WHITFIELD UPHOLSTERY

Address: 1061 MERIVALE ROAD, OTTAWA

Facility Type: Other Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

| NAICS | SIC |
|--------------|------------|
| 811420 | 0 |

| Company Name | Year of Operation |
|---------------------------|--------------------------|
| GLEN WHITFIELD UPHOLSTERY | c. 2001 |



Historical Land Use Inventory

Area 4 Activity Numbers



CITY OF OTTAWA
HLUI ID: 6790OY
AREA (Square Metres): 6454.842

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:12:09

| Study Year | PIN | Multi-NAIC | Multiple Activities |
|--------------------------|--|----------------------------------|----------------------------|
| 2005 | 040430057 | N | N |
| Activity ID: | 13081 | Multiple PINS: | N |
| PIN Certainty: | 1 | Previous Activity ID(s) : | |
| Related PINS: | 040430057 | | |
| Name: | SPEEDY GONZALEZ APPLIANCE | | |
| Address: | 1276 EMPEROR AVENUE, OTTAWA | | |
| Facility Type: | Appliance, Television, Radio and Stereo Stores | | |
| Comments 1: | | | |
| Comments 2: | | | |
| Generator Number: | | | |
| Storage Tanks: | | | |
| HL References 1: | | | |
| HL References 2: | | | |
| HL References 3: | 2001 Employment Survey | | |
| NAICS | SIC | | |
| 811412 | 0 | | |

Company Name **Year of Operation**

SPEEDY GONZALEZ APPLIANCE c. 2001



Historical Land Use Inventory

Area 5 Activity Numbers



CITY OF OTTAWA
HLUI ID: 6790R4
AREA (Square Metres): 462.403

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:21:51

| Study Year | PIN | Multi-NAIC | Multiple Activities |
|--------------------------|--------------------------------------|----------------------------------|----------------------------|
| 2005 | 040440132 | N | N |
| Activity ID: | 5139 | Multiple PINS: | N |
| PIN Certainty: | 1 | Previous Activity ID(s) : | |
| Related PINS: | 040440132 | | |
| Name: | EGAN HOME IMPROVEMENTS | | |
| Address: | 1288 TRENTON AVENUE, | | |
| Facility Type: | Residential Building and Development | | |
| Comments 1: | | | |
| Comments 2: | | | |
| Generator Number: | | | |
| Storage Tanks: | | | |
| HL References 1: | | | |
| HL References 2: | | | |
| HL References 3: | 2005 Select Phone | | |
| NAICS | SIC | | |
| 236110 | 0 | | |

Company Name **Year of Operation**

EGAN HOME IMPROVEMENTS c. 2005



Historical Land Use Inventory

Area 6 Activity Numbers



CITY OF OTTAWA
HLUI ID: 679DEB
AREA (Square Metres): 481.407

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:24:08

| Study Year 1998 | PIN 040450052 | Multi-NAIC Y | Multiple Activities N |
|---------------------------|-------------------------|------------------------|---------------------------------|
|---------------------------|-------------------------|------------------------|---------------------------------|

Activity ID: 4342 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 1547

Related PINS: 040450052

Name: DAVID Viner IRON & SCRAP DEALER

Address: 1308 KINGSTON AVENUE, OTTAWA

Facility Type: Waste Materials, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1960, M.1970, M.1980

HL References 2:

HL References 3:

| NAICS | SIC |
|--------------|------------|
| 418190 | 591 |
| 415310 | 591 |
| 418110 | 591 |

| Company Name | Year of Operation |
|---------------------------------|--------------------------|
| David Viner Iron & Scrap Dealer | c. 1970-1980 |



Historical Land Use Inventory

Area 7 Activity Numbers



CITY OF OTTAWA
HLUI ID: 670IWC
AREA (Square Metres): 952868.041

Report: RPTC_OT_DEV0122
Run On: 18 Dec 2020 at: 11:54:01

| Study Year | PIN | Multi-NAIC | Multiple Activities |
|--|--|-------------------|----------------------------|
| <hr/> | | | |
| Activity ID: 2631 | Multiple PINS: | Y | |
| PIN Certainty: 1 | Previous Activity ID(s) : | 22 | |
| Related PINS: 039980085 | | | |
| Name: CENTRAL EXPERIMENTAL FARM | | | |
| Address: CARLING AVENUE, OTTAWA | | | |
| Facility Type: Other Services Incidental to Agriculture | | | |
| Comments 1: UTM = 444000E, 5024800N (1967). This site is sectioned into two areas. Area one is 2.2km x 850m, and area two is 1.8km x 2km. | | | |
| Comments 2: | | | |
| Generator Number: | | | |
| Storage Tanks: | | | |
| HL References 1: | M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; 1922-DMD-TM-Ottawa, Sheet #14; 1948-DND-ASE-NTS-31G/5; 1967-EMR-SMB-NTS-31G/5-7th ed.; 1985-EMR-SMB-NTS-31G/5-11th ed. | | |
| HL References 2: | | | |
| HL References 3: | | | |
| NAICS | SIC | | |
| 541710 | 23 | | |

| Company Name | Year of Operation |
|---------------------------|--------------------------|
| Central Experimental Farm | c. 1920-1999 |



DATABASE REPORT

Project Property: *PE5083 -1291 Summerville Avenue
1291 Summerville Avenue
Ottawa ON K1Z 8G7*

Project No: *31449*

Report Type: *Standard Report*

Order No: *20302600051*

Requested by: *Paterson Group Inc.*

Date Completed: *October 29, 2020*

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Executive Summary

Property Information:

Project Property: PE5083 -1291 Summerville Avenue
1291 Summerville Avenue Ottawa ON K1Z 8G7

Project No: 31449

Coordinates:

Latitude: 45.3771292
Longitude: -75.7293806
UTM Northing: 5,025,104.79
UTM Easting: 442,892.03
UTM Zone: 18T

Elevation: 262 FT
79.73 M

Order Information:

Order No: 20302600051
Date Requested: October 26, 2020
Requested by: Paterson Group Inc.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

| Database | Name | Searched | Project Property | Within 0.25 km | 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 | 3 | 3 |
| 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 | 0 | 0 |
| EEM | Environmental Effects Monitoring | Y | 0 | 0 | 0 |
| EHS | ERIS Historical Searches | Y | 0 | 4 | 4 |
| EIIS | Environmental Issues Inventory System | Y | 0 | 0 | 0 |
| EMHE | Emergency Management Historical Event | Y | 0 | 0 | 0 |
| EPAR | Environmental Penalty Annual Report | Y | 0 | 0 | 0 |
| EXP | List of Expired Fuels Safety Facilities | Y | 0 | 0 | 0 |
| FCON | Federal Convictions | Y | 0 | 0 | 0 |
| FCS | Contaminated Sites on Federal Land | Y | 0 | 0 | 0 |
| FOFT | Fisheries & Oceans Fuel Tanks | Y | 0 | 0 | 0 |
| FRST | Federal Identification Registry for Storage Tank Systems (FIRSTS) | Y | 0 | 0 | 0 |
| FST | Fuel Storage Tank | Y | 0 | 0 | 0 |
| FSTH | Fuel Storage Tank - Historic | Y | 0 | 0 | 0 |
| GEN | Ontario Regulation 347 Waste Generators Summary | Y | 0 | 0 | 0 |
| GHG | Greenhouse Gas Emissions from Large Facilities | Y | 0 | 0 | 0 |
| HINC | TSSA Historic Incidents | Y | 0 | 0 | 0 |

| Database | Name | Searched | Project Property | Within 0.25 km | Total |
|----------|--|----------|------------------|----------------|-------|
| IAFT | <i>Indian & Northern Affairs Fuel Tanks</i> | Y | 0 | 0 | 0 |
| INC | <i>Fuel Oil Spills and Leaks</i> | Y | 0 | 0 | 0 |
| LIMO | <i>Landfill Inventory Management Ontario</i> | Y | 0 | 0 | 0 |
| MINE | <i>Canadian Mine Locations</i> | Y | 0 | 0 | 0 |
| MNR | <i>Mineral Occurrences</i> | Y | 0 | 0 | 0 |
| NATE | <i>National Analysis of Trends in Emergencies System (NATES)</i> | Y | 0 | 0 | 0 |
| NCPL | <i>Non-Compliance Reports</i> | Y | 0 | 0 | 0 |
| NDFT | <i>National Defense & Canadian Forces Fuel Tanks</i> | Y | 0 | 0 | 0 |
| NDSP | <i>National Defense & Canadian Forces Spills</i> | Y | 0 | 0 | 0 |
| NDWD | <i>National Defence & Canadian Forces Waste Disposal Sites</i> | Y | 0 | 0 | 0 |
| NEBI | <i>National Energy Board Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| NEBP | <i>National Energy Board Wells</i> | Y | 0 | 0 | 0 |
| NEES | <i>National Environmental Emergencies System (NEES)</i> | Y | 0 | 0 | 0 |
| NPCB | <i>National PCB Inventory</i> | Y | 0 | 0 | 0 |
| NPRI | <i>National Pollutant Release Inventory</i> | Y | 0 | 0 | 0 |
| OGWE | <i>Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OOGW | <i>Ontario Oil and Gas Wells</i> | Y | 0 | 0 | 0 |
| OPCB | <i>Inventory of PCB Storage Sites</i> | Y | 0 | 0 | 0 |
| ORD | <i>Orders</i> | Y | 0 | 0 | 0 |
| PAP | <i>Canadian Pulp and Paper</i> | Y | 0 | 0 | 0 |
| PCFT | <i>Parks Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PES | <i>Pesticide Register</i> | Y | 0 | 0 | 0 |
| PINC | <i>Pipeline Incidents</i> | Y | 0 | 0 | 0 |
| PRT | <i>Private and Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| PTTW | <i>Permit to Take Water</i> | Y | 0 | 0 | 0 |
| REC | <i>Ontario Regulation 347 Waste Receivers Summary</i> | Y | 0 | 0 | 0 |
| RSC | <i>Record of Site Condition</i> | Y | 0 | 0 | 0 |
| RST | <i>Retail Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| SCT | <i>Scott's Manufacturing Directory</i> | Y | 0 | 0 | 0 |
| SPL | <i>Ontario Spills</i> | Y | 0 | 5 | 5 |
| SRDS | <i>Wastewater Discharger Registration Database</i> | Y | 0 | 0 | 0 |
| TANK | <i>Anderson's Storage Tanks</i> | Y | 0 | 0 | 0 |
| TCFT | <i>Transport Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| VAR | <i>Variances for Abandonment of Underground Storage Tanks</i> | Y | 0 | 0 | 0 |
| WDS | <i>Waste Disposal Sites - MOE CA Inventory</i> | Y | 0 | 0 | 0 |
| WDSH | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y | 0 | 0 | 0 |
| WWIS | <i>Water Well Information System</i> | Y | 0 | 3 | 3 |

Total: 0 15 15

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|-----------|------|-------------------|--|--------------|---------------|-------------|
| <u>1</u> | BORE | | ON | ENE/73.9 | 0.17 | <u>14</u> |
| <u>2</u> | EHS | | 1276 Dorchester Ottawa ON K1Z 8E6 | NE/91.0 | -0.82 | <u>15</u> |
| <u>2</u> | EHS | | 1276 Dorchester Ottawa ON K1Z 8E6 | NE/91.0 | -0.82 | <u>15</u> |
| <u>2</u> | EHS | | 1276 Dorchester Ottawa ON K1Z 8E6 | NE/91.0 | -0.82 | <u>15</u> |
| <u>3</u> | SPL | PRIVATE RESIDENCE | 1313 TRENTON AVE FURNACE OIL TANK OTTAWA CITY ON K1Z 8K2 | SSW/112.9 | 2.86 | <u>15</u> |
| <u>4</u> | SPL | PRIVATE OWNER | 1256 SUMMERVILLE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 8G5 | ENE/133.8 | -0.16 | <u>16</u> |
| <u>5</u> | BORE | | ON | W/151.5 | 0.76 | <u>16</u> |
| <u>6</u> | WWIS | | ON <i>Well ID: 1508490</i> | SW/195.1 | 6.14 | <u>17</u> |
| <u>7</u> | EHS | | 1239-1243 Summerville Ave Ottawa ON | ENE/199.3 | -1.88 | <u>20</u> |
| <u>8</u> | SPL | PRIVATE RESIDENCE | 1343 SUMMERVILLE FURNACE OIL TANK OTTAWA CITY ON K1Z 8G9 | WSW/206.5 | 6.51 | <u>20</u> |
| <u>9</u> | WWIS | | ON <i>Well ID: 1508931</i> | E/209.1 | -0.85 | <u>21</u> |
| <u>10</u> | SPL | IMPERIAL OIL LTD. | ESSO S.S. AT 1347 TRENTON AVE. ESSO SERVICE STATION OTTAWA CITY ON K1Z 8K3 | SW/224.8 | 7.84 | <u>23</u> |

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|----------------|-----------|--------------------------|---|---------------------|----------------------|--------------------|
| <u>11</u> | WWIS | | lot 33 con 2 ON <i>Well ID:</i> 1510611 | W/241.3 | 1.95 | <u>23</u> |
| <u>12</u> | BORE | | ON | S/242.7 | 7.56 | <u>26</u> |
| <u>13</u> | SPL | PRIVATE OWNER | 1005 SILVER AVE. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 6H8 | N/248.3 | -2.85 | <u>27</u> |

Executive Summary: Summary By Data Source

BORE - Borehole

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

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|----------------|------------------|---------------------|--------------------|
| | ON | ENE | 73.90 | 1 |
| | ON | W | 151.50 | 5 |
| | ON | S | 242.66 | 12 |

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------|--|------------------|---------------------|-------------------|
| | 1276 Dorchester Ottawa ON K1Z 8E6 | NE | 90.98 | 2 |
| | 1276 Dorchester Ottawa ON K1Z 8E6 | NE | 90.98 | 2 |
| | 1276 Dorchester Ottawa ON K1Z 8E6 | NE | 90.98 | 2 |
| | 1239-1243 Summerville Ave Ottawa ON | ENE | 199.29 | 7 |

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the

project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|--|------------------|---------------------|--------------------|
| PRIVATE RESIDENCE | 1313 TRENTON AVE FURNACE OIL TANK OTTAWA CITY ON K1Z 8K2 | SSW | 112.93 | 3 |
| PRIVATE RESIDENCE | 1343 SUMMERTON FURNACE OIL TANK OTTAWA CITY ON K1Z 8G9 | WSW | 206.53 | 8 |
| IMPERIAL OIL LTD. | ESSO S.S. AT 1347 TRENTON AVE. ESSO SERVICE STATION OTTAWA CITY ON K1Z 8K3 | SW | 224.76 | 10 |

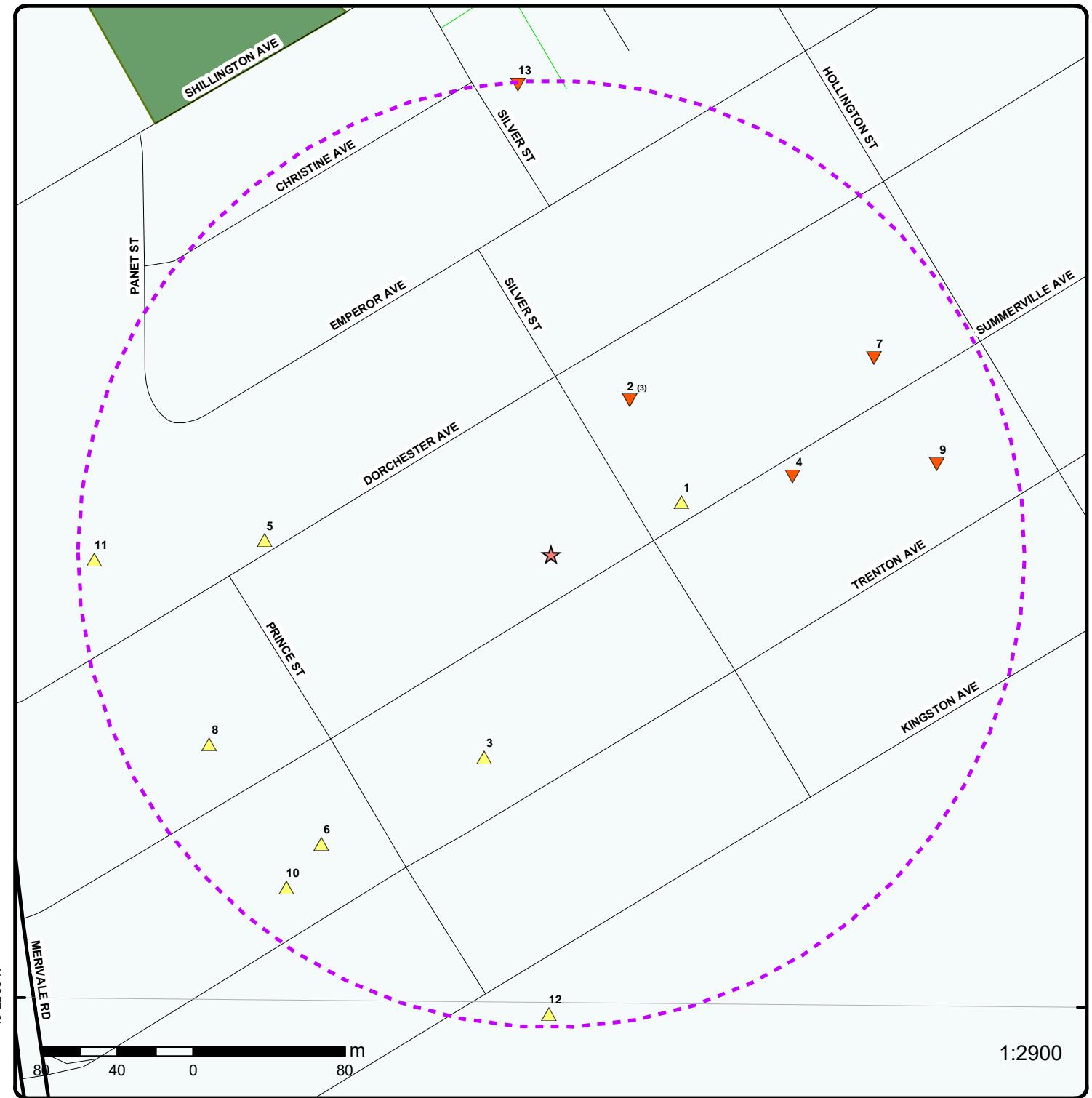
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------|--|------------------|---------------------|--------------------|
| PRIVATE OWNER | 1256 SUMMERTON MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 8G5 | ENE | 133.80 | 4 |
| PRIVATE OWNER | 1005 SILVER AVE. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 6H8 | N | 248.30 | 13 |

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------------------------|-------------------------|------------------|---------------------|--------------------|
| | ON | SW | 195.10 | 6 |
| | <i>Well ID:</i> 1508490 | | | |
| | lot 33 con 2 ON | W | 241.35 | 11 |
| | <i>Well ID:</i> 1510611 | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|------------------------|-------------------------|------------------|---------------------|-------------------|
| | ON | E | 209.07 | 9 |
| | <i>Well ID:</i> 1508931 | | | |



Map : 0.25 Kilometer Radius

Order Number: 20302600051

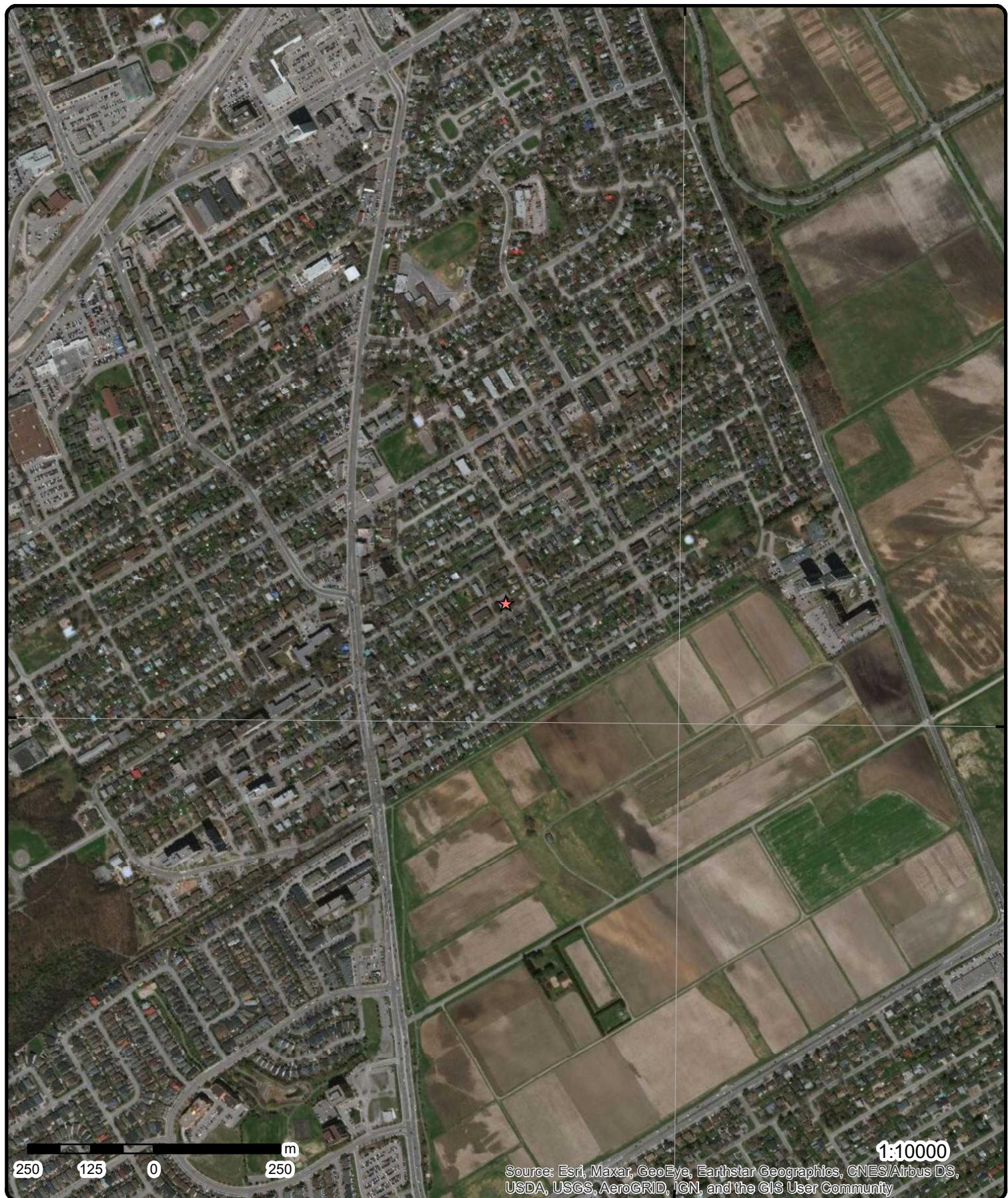
Address: 1291 Summerville Avenue, Ottawa, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



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

75°43'30"W



Aerial Year: 2019

Address: 1291 Summerville Avenue, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20302600051

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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75°45'W

75°43'30"W

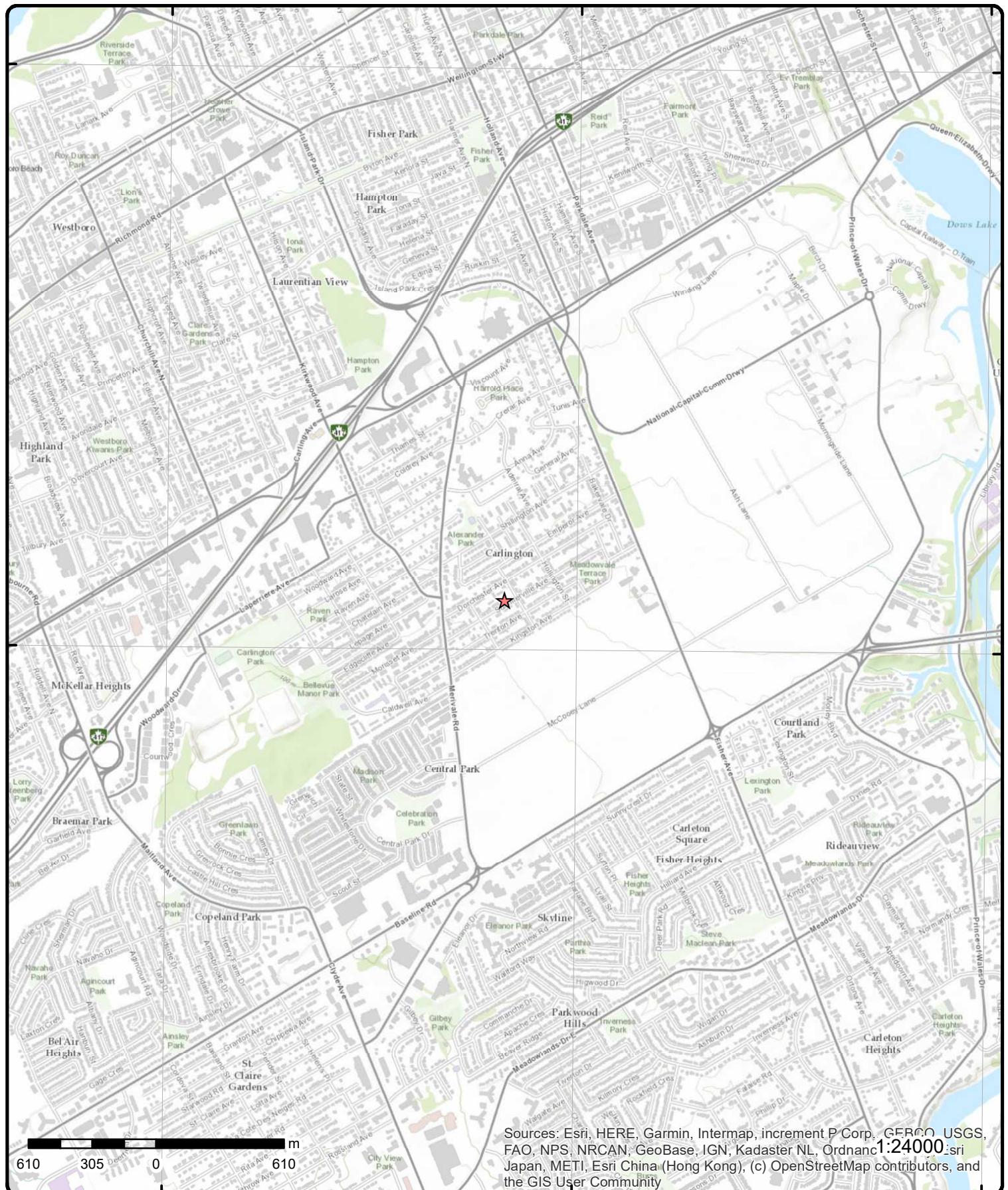
75°42'W

45°24'N

45°24'N

45°22'30"N

45°22'N



Topographic Map

Address: 1291 Summerville Avenue, ON

Source: ESRI World Topographic Map

Order Number: 20302600051



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Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|------------------------|--------------------------|-----------------------------|---------------------------|----------------------|
| 1 | 1 of 1 | ENE/73.9 | 79.9 / 0.17 | ON | BORE |
| Borehole ID: | 612815 | | | Inclin FLG: | No |
| OGF ID: | 215514121 | | | SP Status: | Initial Entry |
| Status: | | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | | | | Primary Name: | |
| Completion Date: | | | | Municipality: | |
| Static Water Level: | 13.7 | | | Lot: | |
| Primary Water Use: | | | | Township: | |
| Sec. Water Use: | | | | Latitude DD: | 45.377381 |
| Total Depth m: | -999 | | | Longitude DD: | -75.728507 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 442961 |
| Drill Method: | | | | Northing: | 5025132 |
| Orig Ground Elev m: | 82.9 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 82.9 | | | | |
| Concession: | | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |

Borehole Geology Stratum

| | | | |
|----------------------------------|---|----------------------------|---------|
| Geology Stratum ID: | 218392600 | Mat Consistency: | Compact |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | | Material Texture: | |
| Material Color: | Brown | Non Geo Mat Type: | |
| Material 1: | Clay | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | CLAY. ROCK. BROWN,GREY,FISSURED. M, WATER STABLE AT 226.9 FEET.SAND. COMPACT. SAND. | | |

Source

| | | | |
|------------------------|--|----------------------|------------------------|
| Source Type: | Data Survey | Source Appl: | Spatial/Tabular |
| Source Orig: | Geological Survey of Canada | Source Iden: | 1 |
| Source Date: | 1956-1972 | Scale or Res: | Varies |
| Confidence: | M | Horizontal: | NAD27 |
| Observatio: | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | |
| Source Details: | File: OTTAWA2.txt RecordID: 053230 NTS_Sheet: 31G05G | | |
| Confiden 1: | Logs are approximately correct. Lack of information. Doubtful terminology. | | |

Source List

| | | | |
|-----------------------------|-------------|--------------------------|-------------------------------|
| Source Identifier: | 1 | Horizontal Datum: | NAD27 |
| Source Type: | Data Survey | Vertical Datum: | Mean Average Sea Level |
| Source Date: | 1956-1972 | Projection Name: | Universal Transverse Mercator |
| Scale or Resolution: | Varies | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|------------------------|-------------------------|---------------------|---|---------------------|
| Source Name: Urban Geology Automated Information System (UGAIS) | | | | | |
| Source Originators: Geological Survey of Canada | | | | | |
| <u>2</u> | 1 of 3 | NE/91.0 | 78.9 / -0.82 | 1276 Dorchester Ottawa ON K1Z 8E6 | EHS |
| Order No: | 20191128020 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Site Report | | | Client Prov/State: | ON |
| Report Date: | 29-NOV-19 | | | Search Radius (km): | .001 |
| Date Received: | 28-NOV-19 | | | X: | -75.728862 |
| Previous Site Name: | | | | Y: | 45.377862 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |
| <u>2</u> | 2 of 3 | NE/91.0 | 78.9 / -0.82 | 1276 Dorchester Ottawa ON K1Z 8E6 | EHS |
| Order No: | 20191128020 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Site Report | | | Client Prov/State: | ON |
| Report Date: | 29-NOV-19 | | | Search Radius (km): | .001 |
| Date Received: | 28-NOV-19 | | | X: | -75.728862 |
| Previous Site Name: | | | | Y: | 45.377862 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |
| <u>2</u> | 3 of 3 | NE/91.0 | 78.9 / -0.82 | 1276 Dorchester Ottawa ON K1Z 8E6 | EHS |
| Order No: | 20191128020 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | |
| Report Type: | Site Report | | | Client Prov/State: | ON |
| Report Date: | 29-NOV-19 | | | Search Radius (km): | .001 |
| Date Received: | 28-NOV-19 | | | X: | -75.728862 |
| Previous Site Name: | | | | Y: | 45.377862 |
| Lot/Building Size: | | | | | |
| Additional Info Ordered: | | | | | |
| <u>3</u> | 1 of 1 | SSW/112.9 | 82.6 / 2.86 | PRIVATE RESIDENCE 1313 TRENTON AVE FURNACE OIL TANK OTTAWA CITY ON K1Z 8K2 | SPL |
| Ref No: | 144982 | | | Discharger Report: | |
| Site No: | | | | Material Group: | |
| Incident Dt: | 8/12/1997 | | | Health/Env Conseq: | |
| Year: | | | | Client Type: | |
| Incident Cause: | OTHER CONTAINER LEAK | | | Sector Type: | |
| Incident Event: | | | | Agency Involved: | |
| Contaminant Code: | | | | Nearest Watercourse: | |
| Contaminant Name: | | | | Site Address: | |
| Contaminant Limit 1: | | | | Site District Office: | |
| Contam Limit Freq 1: | | | | Site Postal Code: | |
| Contaminant UN No 1: | | | | Site Region: | |
| Environment Impact: | POSSIBLE | | | Site Municipality: | 20101 |
| Nature of Impact: | Water course or lake | | | Site Lot: | |
| Receiving Medium: | WATER | | | Site Conc: | |
| Receiving Env: | | | | Northing: | |
| MOE Response: | | | | Easting: | WORKS |
| Dt MOE Arvl on Scn: | | | | Site Geo Ref Accu: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-----------------------|--|-------------------------|------------------|---|-----------------|
| MOE Reported Dt: | 8/12/1997 | | | Site Map Datum: | |
| Dt Document Closed: | | | | SAC Action Class: | |
| Incident Reason: | CORROSION | | | Source Type: | |
| Site Name: | | | | | |
| Site County/District: | | | | | |
| Site Geo Ref Meth: | | | | | |
| Incident Summary: | PRIVATE RESIDENCE: UNK QUANTITY OF FURNACE OIL SPILLED TO FLOOR & DRAIN. | | | | |
| Contaminant Qty: | | | | | |
| <u>4</u> | 1 of 1 | ENE/133.8 | 79.6 / -0.16 | PRIVATE OWNER 1256 SUMMERVILLE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Z 8G5 | SPL |
| Ref No: | 103121 | | | Discharger Report: | |
| Site No: | | | | Material Group: | |
| Incident Dt: | 7/23/1994 | | | Health/Env Conseq: | |
| Year: | | | | Client Type: | |
| Incident Cause: | OTHER CONTAINER LEAK | | | Sector Type: | |
| Incident Event: | | | | Agency Involved: | |
| Contaminant Code: | | | | Nearest Watercourse: | |
| Contaminant Name: | | | | Site Address: | |
| Contaminant Limit 1: | | | | Site District Office: | |
| Contam Limit Freq 1: | | | | Site Postal Code: | |
| Contaminant UN No 1: | | | | Site Region: | |
| Environment Impact: | NOT ANTICIPATED | | | Site Municipality: | 20101 |
| Nature of Impact: | | | | Site Lot: | |
| Receiving Medium: | LAND | | | Site Conc: | |
| Receiving Env: | | | | Northing: | |
| MOE Response: | | | | Easting: | CITY OF OTTAWA |
| Dt MOE Arvl on Scn: | | | | Site Geo Ref Accu: | |
| MOE Reported Dt: | 7/23/1994 | | | Site Map Datum: | |
| Dt Document Closed: | | | | SAC Action Class: | |
| Incident Reason: | ERROR | | | Source Type: | |
| Site Name: | | | | | |
| Site County/District: | | | | | |
| Site Geo Ref Meth: | | | | | |
| Incident Summary: | 10 L GASOLINE TO ROAD ANDCATCHBASIN FROM PRIVATE VEHICLE | | | | |
| Contaminant Qty: | | | | | |
| <u>5</u> | 1 of 1 | W/151.5 | 80.5 / 0.76 | ON | BORE |
| Borehole ID: | 612812 | | | Inclin FLG: | No |
| OGF ID: | 215514118 | | | SP Status: | Initial Entry |
| Status: | | | | Surv Elev: | No |
| Type: | Borehole | | | Piezometer: | No |
| Use: | | | | Primary Name: | |
| Completion Date: | | | | Municipality: | |
| Static Water Level: | 17.1 | | | Lot: | |
| Primary Water Use: | | | | Township: | |
| Sec. Water Use: | | | | Latitude DD: | 45.377183 |
| Total Depth m: | -999 | | | Longitude DD: | -75.731314 |
| Depth Ref: | Ground Surface | | | UTM Zone: | 18 |
| Depth Elev: | | | | Easting: | 442741 |
| Drill Method: | | | | Northing: | 5025112 |
| Orig Ground Elev m: | 86.3 | | | Location Accuracy: | |
| Elev Reliabil Note: | | | | Accuracy: | Not Applicable |
| DEM Ground Elev m: | 85.8 | | | | |
| Concession: | | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |

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

Comments:

Borehole Geology Stratum

| | | | |
|----------------------------------|---|----------------------------|---------|
| Geology Stratum ID: | 218392594 | Mat Consistency: | |
| Top Depth: | 0 | Material Moisture: | |
| Bottom Depth: | .9 | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Clay | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | CLAY. | | |
| Geology Stratum ID: | 218392595 | Mat Consistency: | Compact |
| Top Depth: | .9 | Material Moisture: | |
| Bottom Depth: | | Material Texture: | |
| Material Color: | | Non Geo Mat Type: | |
| Material 1: | Bedrock | Geologic Formation: | |
| Material 2: | | Geologic Group: | |
| Material 3: | | Geologic Period: | |
| Material 4: | | Depositional Gen: | |
| Gsc Material Description: | | | |
| Stratum Description: | BEDROCK. CLAY. SOFT. CLAY. FIRM, WATER STABLE AT 226.9 FEET. SAND. COMPACT. SAND. VERY HA | | |

**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

| | | | |
|------------------------|--|----------------------|------------------------|
| Source Type: | Data Survey | Source Appl: | Spatial/Tabular |
| Source Orig: | Geological Survey of Canada | Source Iden: | 1 |
| Source Date: | 1956-1972 | Scale or Res: | Varies |
| Confidence: | H | Horizontal: | NAD27 |
| Observatio: | | Verticalda: | Mean Average Sea Level |
| Source Name: | Urban Geology Automated Information System (UGAIS) | | |
| Source Details: | File: OTTAWA2.txt RecordID: 053200 NTS_Sheet: 31G05G | | |
| Confiden 1: | Logged by professional. Exact and complete description of material and properties. | | |

Source List

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

| 6 | 1 of 1 | SW/195.1 | 85.9 / 6.14 | ON | WWIS |
|-------------------------------|--------------|---------------------------|-------------|----|------|
| Well ID: | 1508490 | Data Entry Status: | | | |
| Construction Date: | | Data Src: | 1 | | |
| Primary Water Use: | Domestic | Date Received: | 11/26/1952 | | |
| Sec. Water Use: | 0 | Selected Flag: | Yes | | |
| Final Well Status: | Water Supply | Abandonment Rec: | | | |
| Water Type: | | Contractor: | 3725 | | |
| Casing Material: | | Form Version: | 1 | | |
| Audit No: | | Owner: | | | |
| Tag: | | Street Name: | | | |
| Construction Method: | | County: | OTTAWA | | |
| Elevation (m): | | Municipality: | OTTAWA CITY | | |
| Elevation Reliability: | | Site Info: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------|-------------------|----------------------------|------------------|-------------------------|----|
| <i>Depth to Bedrock:</i> | | | | <i>Lot:</i> | |
| <i>Well Depth:</i> | | | | <i>Concession:</i> | |
| <i>Overburden/Bedrock:</i> | | | | <i>Concession Name:</i> | |
| <i>Pump Rate:</i> | | | | <i>Easting NAD83:</i> | |
| <i>Static Water Level:</i> | | | | <i>Northing NAD83:</i> | |
| <i>Flowing (Y/N):</i> | | | | <i>Zone:</i> | |
| <i>Flow Rate:</i> | | | | <i>UTM Reliability:</i> | |
| <i>Clear/Cloudy:</i> | | | | | |

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508490.pdf

Bore Hole Information

| | | | |
|-------------------------------------|-----------|-------------------------|-------------|
| <i>Bore Hole ID:</i> | 10030524 | <i>Elevation:</i> | 90.582054 |
| <i>DP2BR:</i> | 8 | <i>Elevrc:</i> | |
| <i>Spatial Status:</i> | | <i>Zone:</i> | 18 |
| <i>Code OB:</i> | r | <i>East83:</i> | 442770.7 |
| <i>Code OB Desc:</i> | Bedrock | <i>North83:</i> | 5024952 |
| <i>Open Hole:</i> | | <i>Org CS:</i> | |
| <i>Cluster Kind:</i> | | <i>UTMRC:</i> | 9 |
| <i>Date Completed:</i> | 9/30/1952 | <i>UTMRC Desc:</i> | unknown UTM |
| <i>Remarks:</i> | | <i>Location Method:</i> | p9 |
| <i>Elevrc Desc:</i> | | | |
| <i>Location Source Date:</i> | | | |
| <i>Improvement Location Source:</i> | | | |
| <i>Improvement Location Method:</i> | | | |
| <i>Source Revision Comment:</i> | | | |
| <i>Supplier Comment:</i> | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| <i>Formation ID:</i> | 931009800 |
| <i>Layer:</i> | 1 |
| <i>Color:</i> | 8 |
| <i>General Color:</i> | BLACK |
| <i>Mat1:</i> | 05 |
| <i>Most Common Material:</i> | CLAY |
| <i>Mat2:</i> | |
| <i>Mat2 Desc:</i> | |
| <i>Mat3:</i> | |
| <i>Mat3 Desc:</i> | |
| <i>Formation Top Depth:</i> | 0 |
| <i>Formation End Depth:</i> | 8 |
| <i>Formation End Depth UOM:</i> | ft |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-----------|
| <i>Formation ID:</i> | 931009801 |
| <i>Layer:</i> | 2 |
| <i>Color:</i> | 1 |
| <i>General Color:</i> | WHITE |
| <i>Mat1:</i> | 15 |
| <i>Most Common Material:</i> | LIMESTONE |
| <i>Mat2:</i> | |
| <i>Mat2 Desc:</i> | |
| <i>Mat3:</i> | |
| <i>Mat3 Desc:</i> | |
| <i>Formation Top Depth:</i> | 8 |
| <i>Formation End Depth:</i> | 121 |
| <i>Formation End Depth UOM:</i> | ft |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|-------------------------|---------------|------|----|
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: 961508490 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | 10579094 | | | | |
| Casing No: | 1 | | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930053691 | | | | |
| Layer: | 1 | | | | |
| Material: | 1 | | | | |
| Open Hole or Material: | STEEL | | | | |
| Depth From: | | | | | |
| Depth To: | 20 | | | | |
| Casing Diameter: | 4 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | 930053692 | | | | |
| Layer: | 2 | | | | |
| Material: | 4 | | | | |
| Open Hole or Material: | OPEN HOLE | | | | |
| Depth From: | | | | | |
| Depth To: | 121 | | | | |
| Casing Diameter: | 4 | | | | |
| Casing Diameter UOM: | inch | | | | |
| Casing Depth UOM: | ft | | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pump Test ID: | 991508490 | | | | |
| Pump Set At: | | | | | |
| Static Level: | 12 | | | | |
| Final Level After Pumping: | 30 | | | | |
| Recommended Pump Depth: | | | | | |
| Pumping Rate: | 3 | | | | |
| Flowing Rate: | | | | | |
| Recommended Pump Rate: | | | | | |
| Levels UOM: | ft | | | | |
| Rate UOM: | GPM | | | | |
| Water State After Test Code: | 1 | | | | |
| Water State After Test: | CLEAR | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 0 | | | | |
| Pumping Duration MIN: | 30 | | | | |
| Flowing: | No | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 933463014 | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------|-------------------|-------------------------|---------------|------|----|
| Layer: | 3 | | | | |
| Kind Code: | 1 | | | | |
| Kind: | FRESH | | | | |
| Water Found Depth: | 111 | | | | |
| Water Found Depth UOM: | ft | | | | |

Water Details

| | |
|------------------------|-----------|
| Water ID: | 933463012 |
| Layer: | 1 |
| Kind Code: | 1 |
| Kind: | FRESH |
| Water Found Depth: | 60 |
| Water Found Depth UOM: | ft |

Water Details

| | |
|------------------------|-----------|
| Water ID: | 933463013 |
| Layer: | 2 |
| Kind Code: | 1 |
| Kind: | FRESH |
| Water Found Depth: | 80 |
| Water Found Depth UOM: | ft |

| | | | | | |
|--------------------------|-----------------|-----------|--------------|--|---------------------|
| 7 | 1 of 1 | ENE/199.3 | 77.8 / -1.88 | 1239-1243 Summerville Ave Ottawa ON | EHS |
| Order No: | 20120919017 | | | Nearest Intersection: | |
| Status: | C | | | Municipality: | Ottawa |
| Report Type: | Standard Report | | | Client Prov/State: | ON |
| Report Date: | 21-SEP-12 | | | Search Radius (km): | .25 |
| Date Received: | 19-SEP-12 | | | X: | -75.727217 |
| Previous Site Name: | Residential | | | Y: | 45.378074 |
| Lot/Building Size: | 1800 sm | | | | |
| Additional Info Ordered: | | | | | |

| | | | | | |
|-----------------------|------------------------|-----------|-------------|--|---------------------|
| 8 | 1 of 1 | WSW/206.5 | 86.2 / 6.51 | PRIVATE RESIDENCE 1343 SUMMERVILLE FURNACE OIL TANK OTTAWA CITY ON K1Z 8G9 | SPL |
| Ref No: | 40590 | | | Discharger Report: | |
| Site No: | | | | Material Group: | |
| Incident Dt: | 9/10/1990 | | | Health/Env Conseq: | |
| Year: | | | | Client Type: | |
| Incident Cause: | ABOVE-GROUND TANK LEAK | | | Sector Type: | |
| Incident Event: | | | | Agency Involved: | |
| Contaminant Code: | | | | Nearest Watercourse: | |
| Contaminant Name: | | | | Site Address: | |
| Contaminant Limit 1: | | | | Site District Office: | |
| Contam Limit Freq 1: | | | | Site Postal Code: | |
| Contaminant UN No 1: | | | | Site Region: | |
| Environment Impact: | POSSIBLE | | | Site Municipality: | 20101 |
| Nature of Impact: | Soil contamination | | | Site Lot: | |
| Receiving Medium: | LAND | | | Site Conc: | |
| Receiving Env: | | | | Northing: | |
| MOE Response: | | | | Easting: | |
| Dt MOE Arvl on Scn: | | | | Site Geo Ref Accu: | |
| MOE Reported Dt: | 9/10/1990 | | | Site Map Datum: | |
| Dt Document Closed: | | | | SAC Action Class: | |
| Incident Reason: | CORROSION | | | Source Type: | |
| Site Name: | | | | | |
| Site County/District: | | | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|----------------------------|------------------|--|----|
| Site Geo Ref Meth: Incident Summary: Contaminant Qty: | | | | 300 LTR FURNACE OIL TO BASEMENT SUMP FROM HOME OIL TANK. | |

| | | | | | |
|-------------------------------|------------------------|-------------------------|------------------------------|---------------------------|----------------------|
| 9 | 1 of 1 | E/209.1 | 78.9 / -0.85 | ON | WWIS |
| Well ID: | 1508931 | | | Data Entry Status: | |
| Construction Date: | | | | Data Src: | 1 |
| Primary Water Use: | Domestic | | | Date Received: | 6/12/1953 |
| Sec. Water Use: | 0 | | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | | | Abandonment Rec: | |
| Water Type: | | | | Contractor: | 3718 |
| Casing Material: | | | | Form Version: | 1 |
| Audit No: | | | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: | OTTAWA |
| Elevation (m): | | | | Municipality: | OTTAWA CITY |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: | |
| Well Depth: | | | | Concession: | |
| Overburden/Bedrock: | | | | Concession Name: | |
| Pump Rate: | | | | Eastng 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/150\1508931.pdf

Bore Hole Information

| | | | |
|-------------------------------------|-----------|-------------------------|-------------|
| Bore Hole ID: | 10030965 | Elevation: | 80.497505 |
| DP2BR: | 0 | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | r | East83: | 443095.7 |
| Code OB Desc: | Bedrock | North83: | 5025152 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 5/23/1953 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | p9 |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|------------------------------|-----------|
| Formation ID: | 931010987 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Mat1: | 15 |
| Most Common Material: | LIMESTONE |
| Mat2: | |
| Mat2 Desc: | |
| Mat3: | |
| Mat3 Desc: | |
| Formation Top Depth: | 0 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|-------------------|-------------------------|---------------|------|----|
| <i>Formation End Depth:</i> | 50 | | | | |
| <i>Formation End Depth UOM:</i> | ft | | | | |
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| <i>Formation ID:</i> | 931010988 | | | | |
| <i>Layer:</i> | 2 | | | | |
| <i>Color:</i> | 8 | | | | |
| <i>General Color:</i> | BLACK | | | | |
| <i>Mat1:</i> | 18 | | | | |
| <i>Most Common Material:</i> | SANDSTONE | | | | |
| <i>Mat2:</i> | | | | | |
| <i>Mat2 Desc:</i> | | | | | |
| <i>Mat3:</i> | | | | | |
| <i>Mat3 Desc:</i> | | | | | |
| <i>Formation Top Depth:</i> | 50 | | | | |
| <i>Formation End Depth:</i> | 64 | | | | |
| <i>Formation End Depth UOM:</i> | ft | | | | |

Method of Construction & Well Use

| | |
|-----------------------------------|------------|
| <i>Method Construction ID:</i> | 961508931 |
| <i>Method Construction Code:</i> | 1 |
| <i>Method Construction:</i> | Cable Tool |
| <i>Other Method Construction:</i> | |

Pipe Information

| | |
|-------------------|----------|
| <i>Pipe ID:</i> | 10579535 |
| <i>Casing No:</i> | 1 |
| <i>Comment:</i> | |
| <i>Alt Name:</i> | |

Construction Record - Casing

| | |
|-------------------------------|-----------|
| <i>Casing ID:</i> | 930054561 |
| <i>Layer:</i> | 2 |
| <i>Material:</i> | 4 |
| <i>Open Hole or Material:</i> | OPEN HOLE |
| <i>Depth From:</i> | |
| <i>Depth To:</i> | 64 |
| <i>Casing Diameter:</i> | 4 |
| <i>Casing Diameter UOM:</i> | inch |
| <i>Casing Depth UOM:</i> | ft |

Construction Record - Casing

| | |
|-------------------------------|-----------|
| <i>Casing ID:</i> | 930054560 |
| <i>Layer:</i> | 1 |
| <i>Material:</i> | 1 |
| <i>Open Hole or Material:</i> | STEEL |
| <i>Depth From:</i> | |
| <i>Depth To:</i> | 29 |
| <i>Casing Diameter:</i> | 4 |
| <i>Casing Diameter UOM:</i> | inch |
| <i>Casing Depth UOM:</i> | ft |

Results of Well Yield Testing

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------------|-------------------|-------------------------|---------------|------|----|
| <i>Pump Test ID:</i> | 991508931 | | | | |
| <i>Pump Set At:</i> | | | | | |
| <i>Static Level:</i> | 6 | | | | |
| <i>Final Level After Pumping:</i> | 6 | | | | |
| <i>Recommended Pump Depth:</i> | | | | | |
| <i>Pumping Rate:</i> | | | | | |
| <i>Flowing Rate:</i> | | | | | |
| <i>Recommended Pump Rate:</i> | | | | | |
| <i>Levels UOM:</i> | ft | | | | |
| <i>Rate UOM:</i> | GPM | | | | |
| <i>Water State After Test Code:</i> | 1 | | | | |
| <i>Water State After Test:</i> | CLEAR | | | | |
| <i>Pumping Test Method:</i> | 1 | | | | |
| <i>Pumping Duration HR:</i> | | | | | |
| <i>Pumping Duration MIN:</i> | | | | | |
| <i>Flowing:</i> | No | | | | |

Water Details

| | |
|-------------------------------|-----------|
| <i>Water ID:</i> | 933463641 |
| <i>Layer:</i> | 1 |
| <i>Kind Code:</i> | 1 |
| <i>Kind:</i> | FRESH |
| <i>Water Found Depth:</i> | 40 |
| <i>Water Found Depth UOM:</i> | ft |

| | | | | | |
|------------------------------|---|----------|-------------|---|---------------------|
| 10 | 1 of 1 | SW/224.8 | 87.6 / 7.84 | IMPERIAL OIL LTD. ESSO S.S. AT 1347 TRENTON AVE. ESSO SERVICE STATION OTTAWA CITY ON K1Z 8K3 | SPL |
| <i>Ref No:</i> | 124015 | | | <i>Discharger Report:</i> | |
| <i>Site No:</i> | | | | <i>Material Group:</i> | |
| <i>Incident Dt:</i> | 2/9/1996 | | | <i>Health/Env Conseq:</i> | |
| <i>Year:</i> | | | | <i>Client Type:</i> | |
| <i>Incident Cause:</i> | PIPE/HOSE LEAK | | | <i>Sector Type:</i> | |
| <i>Incident Event:</i> | | | | <i>Agency Involved:</i> | |
| <i>Contaminant Code:</i> | | | | <i>Nearest Watercourse:</i> | |
| <i>Contaminant Name:</i> | | | | <i>Site Address:</i> | |
| <i>Contaminant Limit 1:</i> | | | | <i>Site District Office:</i> | |
| <i>Contam Limit Freq 1:</i> | | | | <i>Site Postal Code:</i> | |
| <i>Contaminant UN No 1:</i> | | | | <i>Site Region:</i> | |
| <i>Environment Impact:</i> | POSSIBLE | | | <i>Site Municipality:</i> | 20101 |
| <i>Nature of Impact:</i> | Multi Media Pollution | | | <i>Site Lot:</i> | |
| <i>Receiving Medium:</i> | LAND | | | <i>Site Conc:</i> | |
| <i>Receiving Env:</i> | | | | <i>Northing:</i> | |
| <i>MOE Response:</i> | | | | <i>Easting:</i> | MCCR |
| <i>Dt MOE Arvl on Scn:</i> | | | | <i>Site Geo Ref Accu:</i> | |
| <i>MOE Reported Dt:</i> | 2/27/1996 | | | <i>Site Map Datum:</i> | |
| <i>Dt Document Closed:</i> | | | | <i>SAC Action Class:</i> | |
| <i>Incident Reason:</i> | ERROR | | | <i>Source Type:</i> | |
| <i>Site Name:</i> | | | | | |
| <i>Site County/District:</i> | | | | | |
| <i>Site Geo Ref Meth:</i> | | | | | |
| <i>Incident Summary:</i> | ESSO: 4 L OF GASOLINE TO LOT, NOT CLEANED UP PROP-ERLY,CLEANUP COMPLETED. | | | | |
| <i>Contaminant Qty:</i> | | | | | |

| | | | | | |
|---------------------------|---------|---------|-------------|----------------------------|----------------------|
| 11 | 1 of 1 | W/241.3 | 81.7 / 1.95 | lot 33 con 2 ON | WWIS |
| <i>Well ID:</i> | 1510611 | | | <i>Data Entry Status:</i> | |
| <i>Construction Date:</i> | | | | <i>Data Src:</i> | 1 |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------------------|-------------------|-------------------------|---------------|-------------------------|----------------------|
| Primary Water Use: | Domestic | | | Date Received: | 11/12/1949 |
| Sec. Water Use: | 0 | | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | | | Abandonment Rec: | |
| Water Type: | | | | Contractor: | 3566 |
| Casing Material: | | | | Form Version: | 1 |
| Audit No: | | | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: | OTTAWA |
| Elevation (m): | | | | Municipality: | OTTAWA CITY (NEPEAN) |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: | 033 |
| Well Depth: | | | | Concession: | 02 |
| Overburden/Bedrock: | | | | Concession Name: | OF |
| 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/151\1510611.pdf

Bore Hole Information

| | | | |
|-------------------------------------|----------|-------------------------|-------------|
| Bore Hole ID: | 10032637 | Elevation: | 87.185356 |
| DP2BR: | 13 | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | r | East83: | 442650.7 |
| Code OB Desc: | Bedrock | North83: | 5025102 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 9/3/1949 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | p9 |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock

Materials Interval

| | |
|---------------------------------|-------------|
| Formation ID: | 931015363 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Mat1: | 05 |
| Most Common Material: | CLAY |
| Mat2: | 09 |
| Mat2 Desc: | MEDIUM SAND |
| Mat3: | 12 |
| Mat3 Desc: | STONES |
| Formation Top Depth: | 0 |
| Formation End Depth: | 13 |
| Formation End Depth UOM: | ft |

Overburden and Bedrock

Materials Interval

| | |
|-----------------------|-----------|
| Formation ID: | 931015364 |
| Layer: | 2 |
| Color: | |
| General Color: | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---------------------------------|-------------------|-------------------------|---------------|------|----|
| <i>Mat1:</i> | 15 | | | | |
| <i>Most Common Material:</i> | | LIMESTONE | | | |
| <i>Mat2:</i> | | | | | |
| <i>Mat2 Desc:</i> | | | | | |
| <i>Mat3:</i> | | | | | |
| <i>Mat3 Desc:</i> | | | | | |
| <i>Formation Top Depth:</i> | 13 | | | | |
| <i>Formation End Depth:</i> | 85 | | | | |
| <i>Formation End Depth UOM:</i> | ft | | | | |

Method of Construction & Well Use

Method Construction ID: 961510611
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10581207
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930057850
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 13
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930057851
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 85
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510611
Pump Set At:
Static Level: 21
Final Level After Pumping: 42
Recommended Pump Depth:
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|-------------------------|--------------------|----------------------------|----------------|
| Water State After Test: | CLOUDY | | | | |
| Pumping Test Method: | 1 | | | | |
| Pumping Duration HR: | 1 | | | | |
| Pumping Duration MIN: | 0 | | | | |
| Flowing: | No | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 933465639 | | | | |
| Layer: | 2 | | | | |
| Kind Code: | 1 | | | | |
| Kind: | FRESH | | | | |
| Water Found Depth: | 85 | | | | |
| Water Found Depth UOM: | ft | | | | |
| <u>Water Details</u> | | | | | |
| Water ID: | 933465638 | | | | |
| Layer: | 1 | | | | |
| Kind Code: | 1 | | | | |
| Kind: | FRESH | | | | |
| Water Found Depth: | 56 | | | | |
| Water Found Depth UOM: | ft | | | | |
| 12 | 1 of 1 | S/242.7 | 87.3 / 7.56 | ON | BORE |
| Borehole ID: | 612780 | | | <i>Inclin FLG:</i> | No |
| OGF ID: | 215514086 | | | <i>SP Status:</i> | Initial Entry |
| Status: | | | | <i>Surv Elev:</i> | No |
| Type: | Borehole | | | <i>Piezometer:</i> | No |
| Use: | | | | <i>Primary Name:</i> | |
| Completion Date: | | | | <i>Municipality:</i> | |
| Static Water Level: | 20.2 | | | <i>Lot:</i> | |
| Primary Water Use: | | | | <i>Township:</i> | |
| Sec. Water Use: | | | | <i>Latitude DD:</i> | 45.374945 |
| Total Depth m: | -999 | | | <i>Longitude DD:</i> | -75.72937 |
| Depth Ref: | Ground Surface | | | <i>UTM Zone:</i> | 18 |
| Depth Elev: | | | | <i>Easting:</i> | 442891 |
| Drill Method: | | | | <i>Northing:</i> | 5024862 |
| Orig Ground Elev m: | 89.3 | | | <i>Location Accuracy:</i> | |
| Elev Reliabil Note: | | | | <i>Accuracy:</i> | Not Applicable |
| DEM Ground Elev m: | 89.9 | | | | |
| Concession: | | | | | |
| Location D: | | | | | |
| Survey D: | | | | | |
| Comments: | | | | | |
| <u>Borehole Geology Stratum</u> | | | | | |
| Geology Stratum ID: | 218392476 | | | <i>Mat Consistency:</i> | |
| Top Depth: | 0 | | | <i>Material Moisture:</i> | |
| Bottom Depth: | .3 | | | <i>Material Texture:</i> | |
| Material Color: | | | | <i>Non Geo Mat Type:</i> | |
| Material 1: | Soil | | | <i>Geologic Formation:</i> | |
| Material 2: | | | | <i>Geologic Group:</i> | |
| Material 3: | | | | <i>Geologic Period:</i> | |
| Material 4: | | | | <i>Depositional Gen:</i> | |
| Gsc Material Description: | | | | | |
| Stratum Description: | SOIL. | | | | |
| Geology Stratum ID: | 218392478 | | | <i>Mat Consistency:</i> | Firm |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------------------|-------------------|-------------------------|---------------|--|----|
| <i>Top Depth:</i> | 3.4 | | | <i>Material Moisture:</i> | |
| <i>Bottom Depth:</i> | | | | <i>Material Texture:</i> | |
| <i>Material Color:</i> | | | | <i>Non Geo Mat Type:</i> | |
| <i>Material 1:</i> | Bedrock | | | <i>Geologic Formation:</i> | |
| <i>Material 2:</i> | | | | <i>Geologic Group:</i> | |
| <i>Material 3:</i> | | | | <i>Geologic Period:</i> | |
| <i>Material 4:</i> | | | | <i>Depositional Gen:</i> | |
| <i>Gsc Material Description:</i> | | | | | |
| <i>Stratum Description:</i> | | | | BEDROCK. AND. LOOSE. SAND. FIRM. SAND. LOOSE. SAND. FIRM. BOULDERS. SILT. BEDROCK. | |
| <i>Geology Stratum ID:</i> | 218392477 | | | <i>Mat Consistency:</i> | |
| <i>Top Depth:</i> | .3 | | | <i>Material Moisture:</i> | |
| <i>Bottom Depth:</i> | 3.4 | | | <i>Material Texture:</i> | |
| <i>Material Color:</i> | | | | <i>Non Geo Mat Type:</i> | |
| <i>Material 1:</i> | Clay | | | <i>Geologic Formation:</i> | |
| <i>Material 2:</i> | | | | <i>Geologic Group:</i> | |
| <i>Material 3:</i> | | | | <i>Geologic Period:</i> | |
| <i>Material 4:</i> | | | | <i>Depositional Gen:</i> | |
| <i>Gsc Material Description:</i> | | | | | |
| <i>Stratum Description:</i> | | | | CLAY. | |

Source

| | | | |
|------------------------|--|----------------------|------------------------|
| <i>Source Type:</i> | Data Survey | <i>Source Appl:</i> | Spatial/Tabular |
| <i>Source Orig:</i> | Geological Survey of Canada | <i>Source Iden:</i> | 1 |
| <i>Source Date:</i> | 1956-1972 | <i>Scale or Res:</i> | Varies |
| <i>Confidence:</i> | H | <i>Horizontal:</i> | NAD27 |
| <i>Observatio:</i> | | <i>Verticalda:</i> | Mean Average Sea Level |
| <i>Source Name:</i> | Urban Geology Automated Information System (UGAIS) | | |
| <i>Source Details:</i> | File: OTTAWA2.txt RecordID: 052880 NTS_Sheet: 31G05G | | |
| <i>Confiden 1:</i> | Logged by professional. Exact and complete description of material and properties. | | |

Source List

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

| | | | | | |
|-----------------------------|----------------------|----------------|---------------------|--|--------------------|
| 13 | 1 of 1 | N/248.3 | 76.9 / -2.85 | PRIVATE OWNER 1005 SILVER AVE. STORAGE TANK/BARREL OTTAWA CITY ON K1Z 6H8 | SPL |
| <i>Ref No:</i> | 42668 | | | <i>Discharger Report:</i> | |
| <i>Site No:</i> | | | | <i>Material Group:</i> | |
| <i>Incident Dt:</i> | 10/26/1990 | | | <i>Health/Env Conseq:</i> | |
| <i>Year:</i> | | | | <i>Client Type:</i> | |
| <i>Incident Cause:</i> | OTHER CONTAINER LEAK | | | <i>Sector Type:</i> | |
| <i>Incident Event:</i> | | | | <i>Agency Involved:</i> | |
| <i>Contaminant Code:</i> | | | | <i>Nearest Watercourse:</i> | |
| <i>Contaminant Name:</i> | | | | <i>Site Address:</i> | |
| <i>Contaminant Limit 1:</i> | | | | <i>Site District Office:</i> | |
| <i>Contam Limit Freq 1:</i> | | | | <i>Site Postal Code:</i> | |
| <i>Contaminant UN No 1:</i> | | | | <i>Site Region:</i> | |
| <i>Environment Impact:</i> | POSSIBLE | | | <i>Site Municipality:</i> | 20101 |
| <i>Nature of Impact:</i> | Water course or lake | | | <i>Site Lot:</i> | |
| <i>Receiving Medium:</i> | LAND | | | <i>Site Conc:</i> | |
| <i>Receiving Env:</i> | | | | <i>Northing:</i> | |
| <i>MOE Response:</i> | | | | <i>Easting:</i> | OTTAWA WORKS DEPT. |
| <i>Dt MOE Arvl on Scn:</i> | | | | <i>Site Geo Ref Accu:</i> | |
| <i>MOE Reported Dt:</i> | 10/26/1990 | | | <i>Site Map Datum:</i> | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------------------|-------------------|--|---------------|--------------------------|----|
| <i>Dt Document Closed:</i> | | | | <i>SAC Action Class:</i> | |
| <i>Incident Reason:</i> | CORROSION | | | <i>Source Type:</i> | |
| <i>Site Name:</i> | | | | | |
| <i>Site County/District:</i> | | | | | |
| <i>Site Geo Ref Meth:</i> | | | | | |
| <i>Incident Summary:</i> | | 450 L OF FURNACE OIL TO RESIDENT'S BASEMENT AND SEWER DRAIN. | | | |
| <i>Contaminant Qty:</i> | | | | | |

Unplottable Summary

Total: 2 Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|------|------------------------|---------|------|--------|
| WWIS | | con A | ON | |
| WWIS | | con A | ON | |

Unplottable Report

Site: con A ON **Database:** WWIS

Well ID: 1527904 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Not Used **Date Received:** 4/26/1994
Sec. Water Use: **Selected Flag:** Yes
Final Well Status: Abandoned-Supply **Abandonment Rec:**
Water Type: **Contractor:** 6841
Casing Material: **Form Version:** 1
Audit No: 143953 **Owner:**
Tag: **Street Name:**
Construction Method: **County:** OTTAWA
Elevation (m): **Municipality:** NEPEAN TOWNSHIP
Elevation Reliability: **Site Info:**
Depth to Bedrock: **Lot:**
Well Depth: **Concession:** A
Overburden/Bedrock: **Concession Name:** RF
Pump Rate: **Easting NAD83:**
Static Water Level: **Northing NAD83:**
Flowing (Y/N): **Zone:** 9
Flow Rate: **UTM Reliability:** unknown UTM
Clear/Cloudy: na

Bore Hole Information

Bore Hole ID: 10049459 **Elevation:**
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 18
Code OB: **East83:**
Code OB Desc: No formation data **North83:**
Open Hole: **Org CS:**
Cluster Kind: **UTMRC:** 9
Date Completed: **UTMRC Desc:** unknown UTM
Remarks: **Location Method:** na
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 961527904
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598029
Casing No: 1
Comment:
Alt Name:

Site:
con A ON

Database:
WWIS

| | | | |
|-------------------------------|------------------|---------------------------|-----------------|
| Well ID: | 1532634 | Data Entry Status: | |
| Construction Date: | | Data Src: | 1 |
| Primary Water Use: | Domestic | Date Received: | 1/17/2002 |
| Sec. Water Use: | | Selected Flag: | Yes |
| Final Well Status: | Abandoned-Supply | Abandonment Rec: | |
| Water Type: | | Contractor: | 4006 |
| Casing Material: | | Form Version: | 1 |
| Audit No: | 235222 | Owner: | |
| Tag: | | Street Name: | |
| Construction Method: | | County: | OTTAWA |
| Elevation (m): | | Municipality: | NEPEAN TOWNSHIP |
| Elevation Reliability: | | Site Info: | |
| Depth to Bedrock: | | Lot: | |
| Well Depth: | | Concession: | A |
| Overburden/Bedrock: | | Concession Name: | RF |
| Pump Rate: | | Eastng NAD83: | |
| Static Water Level: | | Northing NAD83: | |
| Flowing (Y/N): | | Zone: | |
| Flow Rate: | | UTM Reliability: | |
| Clear/Cloudy: | | | |

Bore Hole Information

| | | | |
|-------------------------------------|-------------------|-------------------------|-------------|
| Bore Hole ID: | 10523763 | Elevation: | |
| DP2BR: | | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | — | East83: | |
| Code OB Desc: | No formation data | North83: | |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 12/5/2001 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | na |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Method of Construction & Well Use

| | |
|-----------------------------------|--------------|
| Method Construction ID: | 961532634 |
| Method Construction Code: | B |
| Method Construction: | Other Method |
| Other Method Construction: | |

Pipe Information

| | |
|-------------------|----------|
| Pipe ID: | 11072333 |
| Casing No: | 1 |
| Comment: | |
| Alt Name: | |

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-Jun 30, 2020

Borehole:

Provincial

BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial

CA

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

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

Dry Cleaning Facilities:

Federal

CDRY

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

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial

CFOT

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

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

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private

CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private

CHM

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

Government Publication Date: 1999-Jun 30, 2020

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 2012 - Sep 2020

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-Dec 2019

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, 2020

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 2019

Delisted Fuel Tanks:

Provincial

DTNK

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Sep 30, 2020

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, 2020

Environmental Compliance Approval:

Provincial

ECA

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

Government Publication Date: Oct 2011-Sep 30, 2020

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-Jul 31, 2020

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, 2019**List of Expired Fuels Safety Facilities:**

Provincial

EXP

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

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

Government Publication Date: Jul 31, 2020**Federal Convictions:**

Federal

FCON

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

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

Federal

FCS

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

Government Publication Date: Jun 2000-Apr 2020**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

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

Federal

FRST

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

Government Publication Date: May 31, 2018**Fuel Storage Tank:**

Provincial

FST

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010***Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

Government Publication Date: 1986-Jul 31, 2020**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 2017**TSSA Historic Incidents:**

Provincial

HINC

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

Government Publication Date: 2006-June 2009***Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003***Fuel Oil Spills and Leaks:**

Provincial

INC

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

Government Publication Date: Jul 31, 2020**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019**Canadian Mine Locations:**

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

*Government Publication Date: 1846-Jan 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, 2018***National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

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

*Government Publication Date: Up to May 2001****National Defense & Canadian Forces Spills:**

Federal

NDSP

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

*Government Publication Date: Mar 1999-Apr 2018***National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

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

*Government Publication Date: 2001-Apr 2007****National Energy Board Pipeline Incidents:**

Federal

NEBI

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

*Government Publication Date: 2008-Mar 31, 2020***National Energy Board Wells:**

Federal

NEBW

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

*Government Publication Date: 1920-Feb 2003**

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

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-Aug 31, 2020**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994-Sep 30, 2020**Canadian Pulp and Paper:**

Private

PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Sep 30, 2020

Pipeline Incidents:

Provincial

PINC

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

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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, 2020

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: 1986-2016

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 2020

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-Jun 30, 2020

Scott's Manufacturing Directory:

Private

SCT

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

*Government Publication Date: 1992-Mar 2011**

Ontario Spills:

Provincial

SPL

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

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

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, 2017

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-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011-Sep 30, 2020

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 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

*Government Publication Date: Up to Oct 1990**

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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