



**PATERSON
GROUP**

July 26, 2022
File: PE5100-LET.03

Fastfrate (Ottawa) Holdings Inc.
55 Commerce Valley Drive West
Thornhill, Ontario
L3T 7V9

Attention: **Mr. Keefe Primett**

Subject: **Phase I-Environmental Site Assessment Update**
301 Somme Street
Ottawa, Ontario

Consulting Engineers

9 Auriga Drive
Ottawa, Ontario
K2E 7T9

Tel: (613) 226-7381

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Materials Testing
Building Science
Rural Development Design
Retaining Wall Design
Noise and Vibration Studies

patersongroup.ca

Dear Sir,

Further to your request, Paterson Group Inc. (Paterson) conducted a Phase I-Environmental Site Assessment (ESA) Update for the aforementioned property. This report updates a Phase I ESA entitled "Phase I Environmental Site Assessment, formerly the Northern Part of 5123 Hawthorne Road (formerly), and now readdressed 301 Somme Street, Ottawa, Ontario" prepared by Paterson Group Inc. (Paterson), dated November 20, 2020.

This update report is intended to meet the requirements for an updated Phase I ESA, as per the MECP O.Reg. 153/04, as amended. This update report is to be read in conjunction with the 2020 report.

Background

The Phase I Property is located on the southeast side of the Rideau Road at Somme Street intersection, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan following the text of this letter.

The Phase I Property is an irregular shaped lot with a footprint of 4.8 hectares that was part of a larger tract of land, formerly addressed 5123 Hawthorne Road. The Phase I Property is situated in a rural industrial development area where potable water and septic systems are relied upon.





Previous Engineering Reports

- ❑ “Phase I-Environmental Site Assessment, Part Lot 26 & 27 Concession 6, Ottawa, Ontario,” prepared by CRA, dated July 2008.

The 2008 Phase I ESA indicated that a former waste disposal site was documented on the northern portion of the lands that they were assessing, however, they found no evidence through a review of aerial photographs or on-site observations and tests pits. CRA concluded that the designation of part of the lands as a waste disposal site was an error.

Aside from the aforementioned item, CRA noted the presence of the waste road building materials on site as a potential environmental impairment to the land.

The Ontario Ministry of Environment (MOE) approved the placement of non-recyclable asphalt and waste road building materials more than 30 years ago (MOE letter, 1990). In summary, the letter of approval authorized the placement of waste road building materials (granular materials, non-recyclable asphalt and presumably concrete) on-site, provided that no deleterious substances, demolition building materials or contaminated materials are deposited, and that there is no negative environmental impact on the land or groundwater.

A Phase II-ESA was recommended and carried out to assess the site conditions due to the former handling of waste road building materials on-site.

- ❑ “Phase I Environmental Site Assessment, 5123 Hawthorne Road, Part 1, Ottawa, Ontario,” prepared by Paterson Group Inc. (Paterson), dated November 20, 2020.

The Phase I-ESA was completed in general accordance with the Ontario Regulation (O.Reg.) 153/04, as amended. The findings of the Phase I ESA identified the following on-site potentially contaminating activity (PCA) that resulted in an area of potential environmental concern (APEC):

- APEC 1 – “Importation of Fill Material of Unknown Quality” associated with former handling and placement of fill material across the majority of the Phase I Property (PCA 30).

A Phase II ESA was recommended to address the aforementioned APEC on the Phase I Property.

- ❑ “Phase II Environmental Site Assessment, 5123 Hawthorne Road, Part 1, Ottawa, Ontario,” prepared by Paterson Group Inc. (Paterson), dated November 30, 2020.



The Phase II – ESA was completed to assess the quality of the fill material that had been placed on site by the owner of the property, R.W. Tomlinson.

The field program consisted of placing three (3) boreholes on the subject site. The boreholes were placed to obtain a general coverage of the area to address the unknown quality of the fill material on-site.

The soil profile generally consisted of a layer of fill, overlying native clayey silt/silty clay and/or a silty fine sand with traces of gravel. Practical refusal was reached at depths ranging from 5.28 to 10.67 m below the existing grade on inferred bedrock.

The fill material consisted of a mix of clay, silt, sand and gravel with varying amounts of asphaltic concrete and concrete material. The fill varied in thickness from 2.3 to 5.8 m.

Six (6) soil samples and two (2) grab samples were submitted for BTEX, PHCs (F1-F4), metals and/or PAH analysis, as well as for electrical conductivity (EC) and sodium absorption ratio (SAR) and pH analysis. All soil samples complied with the selected MECP Table 2 Standards. A comparison of the soil data to the MECP Table 1 Industrial Standards, indicated that the petroleum hydrocarbon fraction 4 concentrations in several soil samples exceeded the Table 1 Standards, as well as molybdenum and chromium concentrations.

Groundwater samples were recovered from the monitoring wells BH1, BH2 and MW7-8 on May 28, June 7, 2019, and November 10, 2020. No visual or olfactory signs of contamination were noted in the groundwater. The groundwater samples were submitted for PHC (F1-F4), PAH, VOC and sodium and chloride analysis. Concentrations of PHCs and/or VOCs in the groundwater samples analyzed were not detected above the laboratory detection limits. VOC and PHC test results complied the MECP Table 2 Standards.

Detectable PAH parameters were identified in all of the groundwater samples analyzed for the May 28, 2019 sampling event. All PAH parameters in groundwater at location MW7-08 were in compliance with the MECP Table 2 Standards. Benzo[a]pyrene concentrations in BH1 and BH2 were in excess of the applicable standards. Benzo[b]fluoranthene and chrysene concentrations in BH2 were also in excess of the applicable MECP standards.

It was speculated that some sediment was present in the groundwater samples, and as such, BH1 and BH2 were resampled on June 7, 2019, and November 10, 2020.

Based on the last two (2) sampling events, the analytical test results showed that the groundwater complied with the MECP Table 2 Standards.



The apparent discrepancies between these analytical results, are considered to be a result of sediment present in the first groundwater samples analyzed.

Records Update

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on June 22, 2022. The subject site was 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.

PCB Inventory

A search of provincial PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

Areas of Natural Significance

Based on our review of the Ontario Ministry of Natural Resources and Forestry (MNRF), there are no areas of natural significance and features within 30 m of 301 Somme Street and as such, Section 41 of O.Reg 153/04 does not apply to the Phase II Property.

Water Bodies

A tributary of Findley Creek is present approximately 245 m southeast of the Phase I Property and discharges into the North Caster River.

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. At the time of issuing this update, a response had not been received from the MECP. However, recent correspondence with the MECP has indicated that a search of the Ministry's inventory is still ongoing. A copy of the correspondence is appended to this letter.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the properties. At the time of issuing this update, a response had not been received from the MECP.



Recent correspondence with the MECP has indicated that a search of the Ministry's inventory is still ongoing. A copy of the correspondence is appended to this letter.

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. At the time of issuing this update, a response had not been received from the MECP. Recent correspondence with the MECP has indicated that a search of the Ministry's inventory is still ongoing. A copy of the correspondence is appended to this letter.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuing this update, a response had not been received from the MECP. Recent correspondence with the MECP has indicated that a search of the Ministry's inventory is still ongoing. A copy of the correspondence is appended to this letter.

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 properties. No RSC properties were identified in the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the study area, however, the ERIS search identified a former waste disposal site x.9013, which was apparently located on the northern portion of the Phase I Property.



As discussed in the Previous Engineering Reports section of this report, CRA (2008) concluded that the designation of a former waste disposal site on the Phase I property was an error.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted July 15, 2022, to inquire about current and former underground/aboveground storage tanks, spills and incidents for the Phase I Property and neighbouring properties. No records were found for the subject site or neighbouring properties. A copy of the TSSA correspondence and ERIS report are provided in the Appendix.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former landfill sites have been identified within 250m of the Phase I Property.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request for the City of Ottawa’s Historical Land Use Inventory (HLUI 2005) database was requested as part of this assessment. The HLUI search results identified one historical ‘on-site’ activity, specifically the use of the Phase I Property as an apparent MOE registered waste disposal site, Site X.1102. Based on the MOE waste disposal inventory, this former waste site was situated on Glebe Avenue, west of Bank Street. This former waste disposal site was identified on-site in error and does not apply to the Phase I Property.

With the exception of the former use of the Phase I Property for road building material waste (gravel, limited concrete and asphalt), there are no other former waste sites identified on the Phase I Property or on properties within the Phase I Study Area. A copy of the HLUI response is appended to this letter.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area.

According to the ERIS report, there were two (2) records associated with the Phase I Property as a former waste disposal site and dumping ground. As discussed in the Previous Engineering Reports section of this report, CRA (2008) concluded that the designation of a former waste disposal site on the Phase I property was an error.



The other record pertained to the former use of dumping waste road building materials on-site, which has also been discussed in the Previous Engineering Reports section of this report.

No other pertinent information regarding the Phase I Property or PCAs were identified in the ERIS report. A copy of the report is appended to this letter.

Aerial Photographs

The latest aerial photograph reviewed as part of the original Phase I ESA was from 2017. A 2019 aerial photograph was reviewed for this update. No changes to the Phase I Property were noted during this review, as it remains vacant. The surrounding lands remain unchanged from the 2017 aerial image.

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 90 m above sea level. The regional topography in the general area of the Phase I Property slopes down in a north-easterly direction. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping, the Phase I Property is situated within the St. Lawrence Lowlands. According to the 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 Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

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 within the area of the subject land consists of dolomite of the Oxford Formation. The overburden consists of exposed bedrock with a drift thickness on the order of 0 to 1 m.



Areas of Natural Significance and Water Bodies

No areas of natural significance were identified within the Phase I Study Area. A tributary of Findley Creek is present approximately 245 m southeast of the Phase I Property and discharges into the North Caster River.

Well Records

A search of the MECPs website for all drilled well records within 250m of the Phase I Property was conducted as part of this assessment. No new well records were identified as part of this update.

Property Owner Interview

Mr. Craig Bellinger of R.W. Tomlinson, the former owner of the land, was interviewed prior to conducting the environmental program. Mr. Bellinger was considered a person with significant historical knowledge of the Phase I Property.

Mr. Bellinger stated that R.W Tomlinson had owned the Phase I Property for more than 35 years, during which, it remained undeveloped. In the early 1990s, R.W Tomlinson used the subject land to dispose of waste road building materials, which was approved by the MOE in 1992. The Phase I Property has been used to handle waste road material on-site up until 2014. Since then, the Phase I Property has always been vacant and unutilized land. The site was acquired by a new landowner in 2020, Fastfrate (Ottawa) Holdings Inc.

Mr. Pierre Courteau of CRBE Limited, acting on behalf of Fastfrate (Ottawa) Holdings Inc., the current property owner, was interviewed via email as part of this update. According to Mr. Courteau, there has been no change with the Phase I Property in terms of occupancy and as such, it remains vacant land. There have been some minor earth works done on-site, such as site grading and compaction.

The interviewees, Mr. Bellinger and Mr. Courteau, were considered to have provided sufficient information pertaining to the past use and current use of the Phase I Property. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

Site Reconnaissance

A site visit was conducted on June 22, 2022, by Ms. Mandy Witterman from the Environmental Department of Paterson Group. Weather conditions were sunny with a temperature of approximately 26°C. 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.



The Phase I Property is an undeveloped vacant lot. The land itself shows evidence of pre-construction activities, such as site compaction and grading.

The site surface is relatively at the grade with the surrounding lands with the regional topography sloping downwards in a south-easterly direction.

Site drainage on the Phase I Property consists primarily of surface infiltration throughout the property. No evidence of any above ground storage tanks, underground storage tanks or unidentified substances were observed on-site at this time.

No ponded water or signs of staining or indications of potential sub-surface contamination were observed at the time of the site visit.

No evidence of current or former railway or spur lines was observed on the Phase I Property at the time of the site visit. No new Potentially Contaminating Activities (PCAs) were identified on the Phase I Property.

A depiction of the Phase I Property is presented on Drawing PE5100-1R – Site Plan, in the Figures section of this report.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- North: Rideau Road, followed by vacant land.
- East: Vacant land, followed by an agricultural field.
- West: Somme Street, followed by vacant land.
- South: Somme Street, followed by vacant land.

No new PCAs were identified on properties within the Phase I Study Area. The neighbouring land use within the Phase I Study Area is illustrated on Drawing PE5100-2R– Surrounding Land Use Plan.

Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website, the bedrock in the area of the Phase I Property is reported to consist of dolomite of the Oxford Formation. The overburden is reported to consist of exposed bedrock thickness of 0 to 2 m across the site; however, the June 2019 subsurface investigation did not encounter bedrock.



Practical refusal was reached at depths ranging from 5.28 to 10.67 m below the existing grade on inferred bedrock. The fill material consisted of a mix of clay, silt, sand and gravel with varying amounts of asphaltic concrete and concrete.

Based on the 2019 subsurface program, groundwater beneath the site was determined to flow in a north-westerly direction.

Fill Placement

Based on the historical review in combination with the site visit and the previous Phase II ESA, the majority of the subject land has used for fill placement from 2002 to 2014. The unknown quality of the fill material imported on-site represents an APEC on the Phase I Property.

Existing Buildings and Structures

No buildings or structures are present on the Phase I Property.

Drinking Water Wells

There are no domestic wells on-site. It is expected that the site will be serviced by a private well and septic system, once developed.

Subsurface Structures and Utilities

The Phase I Property is not expected to have any subsurface structures or utilities on-site, as the site remains undeveloped. All of the former groundwater monitoring wells were decommissioned prior to pre-construction activities.

Areas of Natural Significance and Water Bodies

No areas of natural significance were identified within the Phase I Study Area. A tributary of Findley Creek is present approximately 245 m southeast of the Phase I Property and discharges into the North Caster River.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists primarily of vacant and/or undeveloped lands to the north, south and west, and farmland to the east.





Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the past use of the Phase I Property, one on-site PCA was considered to result in an APEC. This APEC has been summarized in Table 1, along with its respective location and contaminants of potential concern (CPCs) on the Phase I Property.

| Table 1: Areas of Potential Environmental Concern | | | | | |
|--|--|--|--|---|--|
| Area of Potential Environmental Concern | Location of Area of Potential Environmental Concern | Potentially Contaminating Activity | Location of PCA (on-site or off-site) | Contaminants of Potential Concern | Media Potentially Impacted (Groundwater, Soil, and/or Sediment) |
| APEC 1: Resulting from fill material of unknown quality | Across the Phase I Property | PCA 30 – <i>“Importation of Fill Material of Unknown Quality.”</i> | On-site | PHCs PAHs Metals Hg, CrVI VOCs Sodium Chloride EC and SAR | Soil and/or Groundwater |

Contaminants of Potential Concern

As per the APEC in Table 1, the contaminants of potential concern (CPCs) in soil and/or groundwater include:

- Petroleum hydrocarbons (PHCs, Fractions F₂-F₄).
- Polycyclic Aromatic Hydrocarbons (PAHs).
- Metals (Hg and CrVI).
- Volatile Organic Compounds (VOCs).
- Sodium and Chloride.
- Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC).

The CPCs were expected to be present in the soil and/or groundwater of the Phase I Property; however, the aforementioned CPCs have been addressed already in the 2020 Phase II ESA program.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of the Phase I- ESA is considered to be sufficient to conclude that there is an on-site PCA that has resulted in an APEC 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.

Conclusion

As a result of the records update and follow-up site visit undertaken as part of this assessment, no new PCAs that would result in APECs on the Phase I Property were identified.

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 Ontario Regulation 153/04, as amended, under the Environmental Protection Act.

The conclusions presented herein are based on information gathered from a limited 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.

Should any conditions be encountered at the site 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 Fastfrate (Ottawa) Holdings Inc. Permission and notification from Fastfrate (Ottawa) Holdings Inc. and Paterson 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.

Mandy Witteman, M.A.Sc., P.Eng.

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



Report Distribution:

- Fastfrate (Ottawa) Holdings Inc.
- Paterson Group

Appendix:

- MECP FOI Request and Correspondence
- TSSA Response
- HLUI Response
- ERIS Report
- Figure 1 – Key Plan
- Drawing PE5461-1R – Site Plan
- Drawing PE5461-2R– Surrounding Land Use Plan



Mandy Witteman

From: Briollais, Dany (MECP) <Dany.Briollais@ontario.ca>
Sent: April 21, 2022 2:47 PM
To: Mandy Witteman
Subject: RE: FOI A-2020-04100 Clarification

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Mandy,

The request is still in processing.
The ministry does not have a timeframe for completion of your request at this time.
Your patience and understanding is appreciated during these unprecedented times.

Thanks,
Dany Briollais

From: Mandy Witteman <MWitteman@patersongroup.ca>
Sent: April 20, 2022 3:25 PM
To: Briollais, Dany (MECP) <Dany.Briollais@ontario.ca>
Subject: RE: FOI A-2020-04100 Clarification

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hi Dani,

I'm looking for the FOI response for this request. Eric informed me last year that he is in a different department now, and hence, why I may have not received anything for this file.

Could you please forward me a response letter at your earliest convenience?

Thank you

Regards,

Mandy Witteman, B.Eng., M.A.Sc.
(she/her)

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154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 339

From: Giang, Eric (MECP) <Eric.Giang@ontario.ca>
Sent: March 19, 2021 3:36 PM
To: Mandy Witteman <MWitteman@Patersongroup.ca>
Subject: RE: FOI A-2020-04100 Clarification

Hi Mandy,

Please see response from the environmental office below:

I couldn't find any information for their circled property, it is all related to the compost facility (5123 Hawthorne).

I'm currently awaiting an estimate from the involved EOs for their documents pertaining to the compost facility, but it is a large file with 8 individual physical files found (2 files in RC totalling 626pg, 6 files in the Ottawa office, I would assume of similar size). I would estimate at least 5 days of time for retrieval, once we go back into offices.

Just off a look on IDS, there is at least a hundred or more pages. Estimated retrieval would be 3-4 hours for those.

While we can gather these files together if the requester wishes, it seems like they are more interested in the adjacent property which I was unable to find any records for.

I attached a map for the composting facility's property boundary which ends before the circled area on the request form. This map was provided to me by the EO that handled the composting facility.

Is it possible to see if they are still interested in receiving that many pages for the composting facility?

Let me know if any clarification is needed.

Sincerely,
Eric Giang
FOI Administrative Officer
Information Management and Access Branch
Ministry of the Environment, Conservation and Parks
Email: Eric.Giang@ontario.ca
FOI General Inquiry: (416) 314-4075 | Mobile: (416) 274-2927

From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: March 15, 2021 3:28 PM
To: Giang, Eric (MECP) <Eric.Giang@ontario.ca>
Subject: RE: FOI A-2020-04100 Clarification

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hi Eric,

Sure you can included these records. It will not change the outcome our report, however, the city will most likely like to see these records. Thank you

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

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over 60 years servicing our clients**

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
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From: Giang, Eric (MECP) <Eric.Giang@ontario.ca>
Sent: March 15, 2021 3:27 PM
To: Mandy Witteman <MWitteman@Patersongroup.ca>
Subject: RE: FOI A-2020-04100 Clarification

Hi Mandy,

Thanks for the quick reply. To confirm, would you like all records that correspond to the composting facility that was mentioned below.

Sincerely,
Eric Giang
FOI Administrative Officer
Information Management and Access Branch
Ministry of the Environment, Conservation and Parks
Email: Eric.Giang@ontario.ca
FOI General Inquiry: (416) 314-4075 | Mobile: (416) 274-2927

From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: March 15, 2021 2:51 PM
To: Giang, Eric (MECP) <Eric.Giang@ontario.ca>
Subject: RE: FOI A-2020-04100 Clarification

CAUTION -- EXTERNAL E-MAIL - Do not click links or open attachments unless you recognize the sender.

Hi Eric,

Yes the site is correct site. At the time of my submission, the civic address was 5123 Hawthorne Rd, which it was a part of before it was separated into smaller lots. Thanks

Cheers,

Mandy Witteman, B.Eng., M.A.Sc.

patersongroup

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154 Colonnade Road South
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Tel: (613) 226-7381 Ext. 339

From: Giang, Eric (MECP) <Eric.Giang@ontario.ca>
Sent: March 15, 2021 2:19 PM
To: Mandy Witteman <MWitteman@Patersongroup.ca>
Subject: FOI A-2020-04100 Clarification

Hi Mandy,

I am writing in regards to your FOI request for A-2020-04100 - 5123 Hawthorne Road, Ottawa. The program area has reached out to me with some questions that I was hoping you could answer. Please see below.

I'm going to need clarification for search location on FOI A-2020-04100 in order to provide accurate files.

The address the request is for is 5123 Hawthorne Road, Ottawa, which corresponds to a composting facility that the ministry has a lot of files on. However, attached to the request is a circled area that is not part of 5123 Hawthorne Road – confirmed by site boundary map for 5123 Hawthorne.

I believe clarification will be needed from the requester on the location they are wishing to get information for.

Sincerely,

Eric Giang

FOI Administrative Officer
Information Management and Access Branch
Ministry of the Environment, Conservation and Parks
Email: Eric.Giang@ontario.ca
FOI General Inquiry: (416) 314-4075 | Mobile: (416) 274-2927

Mandy Witteman

From: Public Information Services <publicinformationservices@tssa.org>
Sent: July 15, 2022 11:13 AM
To: Mandy Witteman
Subject: RE: Search records request (PE5100)

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

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

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

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application 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 new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release 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 # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue; When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

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

Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.

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

Kind Regards,
Sherees



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

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

www.tssa.org



From: Mandy Witteman <MWitteman@patersongroup.ca>
Sent: July 15, 2022 10:14 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search records request (PE5100)

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

Good morning

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

- 301 Somme St
- 5123 Hawthorne Rd
- 20 to 100 Sappers Ridge

Thank you

Regards,

Mandy (*she/her*)



MANDY WITTEMAN, M.A.Sc., P.Eng.
INTERMEDIATE ENVIRONMENTAL ENGINEER

TEL: (613) 226-7381 ext. 339

DIRECT: (613) 800-5575

9 AURIGA DRIVE
OTTAWA ON K2E 7T9

mwitteman@patersongroup.ca

EXPLORE THE POSSIBILITIES WITH US AND VISIT OUR REFRESHED WEBSITE TODAY.

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File Number: D06-03-20-0191

December 23, 2020

Mandy Witteman
Patterson group Inc.
154 Colonnade Road South, Ottawa, ON

Sent via email [mwitteman@patersongroup.ca]

Dear Ms. Witteman,

**Re: Information Request
Part of 5123 Hawthorne Road, 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:

- **Sewer Use Program:** The City’s Sewer Use Program has found the following information pertaining to the subject property: Hauled waste approval and inspection.

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 is one (1) activity 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 is one (1) activity associated with one (1) property located within 250m of the Subject Property.

*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
Télééc: (613) 560-6006
www.ottawa.ca

Please note that certain activities have been identified to have a PIN Certainty of “2”. 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.

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 Colette Gorni at 613-580-2424 ext. 21239 or HLUI@ottawa.ca

Sincerely,



Colette Gorni

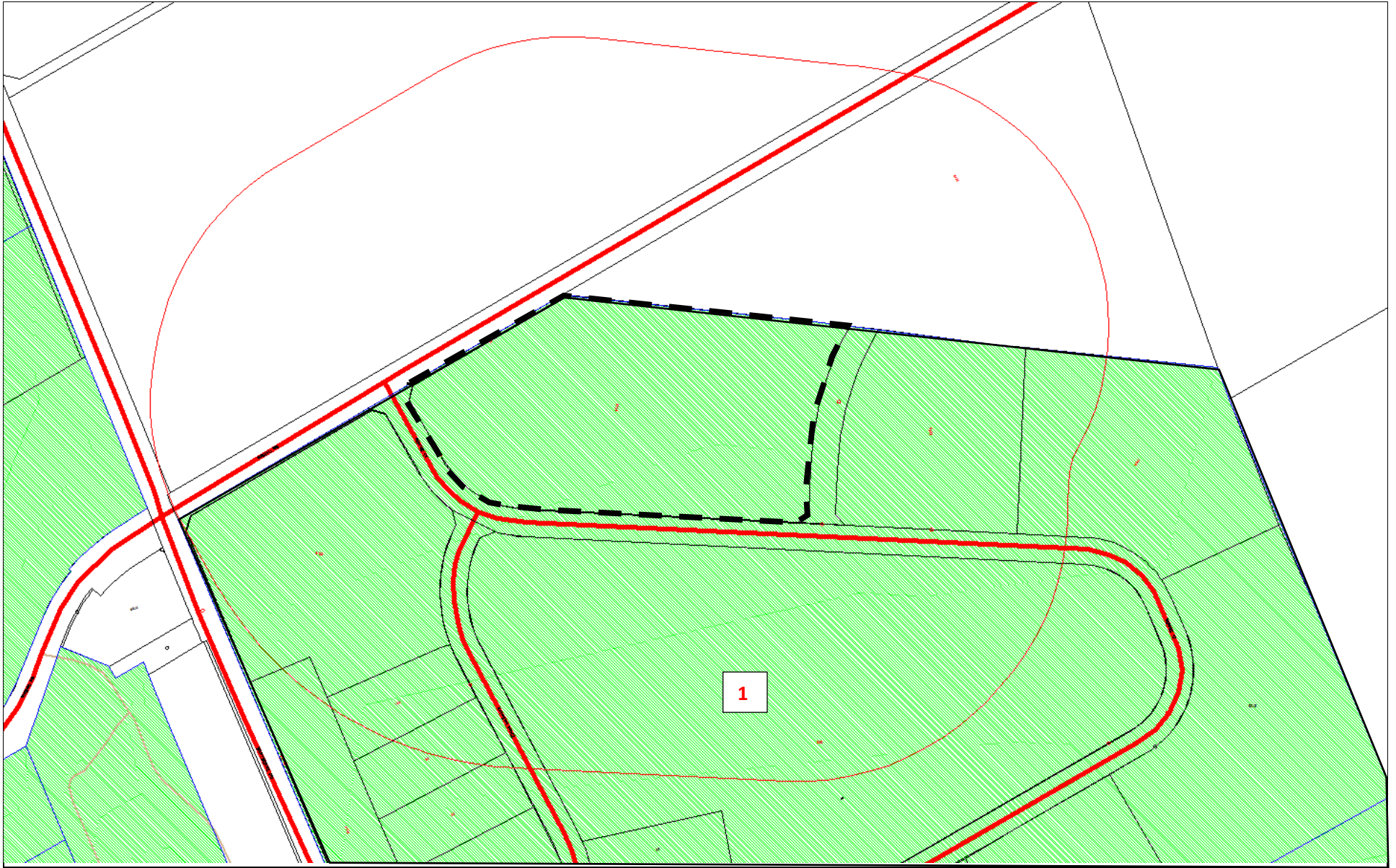
Per:

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

MB / CG

Enclosures.

cc: File no. D06-03-20-0191



Address: Part of 5123 Hawthorne Road
Ottawa, ON

File No.: D06-03-20-0191

Prepared By: Colette Gorni

Legend: Area Number
 Subject Site
 250 m Buffer

Scale: 1 : N/A



| Area | Associated HLUI Activities | Associated HLUI Activities with a PIN Certainty of "2" * |
|------------------|-----------------------------------|---|
| Subject Property | 14515 | |
| 1 | 14515 | |

*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

Activity Numbers –

Subject Property/Properties



CITY OF OTTAWA
HLUI ID: __670HWP

Report: RPTC_OT_DEV0122
 Run On: 14 Dec 2020 at: 11:50:43

AREA (Square Metres): 700270.204

Study Year
1998

PIN
043260266

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 14515 **Multiple PINS:** Y
PIN Certainty: 1 **Previous Activity ID(s) :** 6190, 6060, 6064, 6082, 6077, 6084, 6094, 6095, 6098, 6099, 6102, 6103, 6105, 6108, 6109, 6110, 6111, 6112, 6115, 6117, 6121, 6122, 6124, 6125, 6127, 6129, 6130, 6190, 6191, 6192, 6193, 6198, 6200, 6202, 6203, 6238, 6240, 6243, 6245, 6280, 6282, 6284, 62

Related PINS: 041330051

Name: UNNAMED WASTE DISPOSAL SITE

Address: , OTTAWA

Facility Type: Other Utility Industries n.e.c.

Comments 1: UTM = 445870E, 5028130N, map 31G/5. Site #X1102 of closed sites in the MOE inventory (pg134).

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1991-WDSI/WMB/MOE; RBE 1992; MC Staff, 19/02/99; 1922DMD-TM-Ottawa-Sheet #14, 1948DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5- 11th ed., City of Gloucester-File #8-400-Box 130;

HL References 2: City of Gloucester File # 6-79A: Subject-Health/Dumping -Box 75 -28/12/64; 1938-39-DND-ASE-NTS-31B/13W-2nd ed., 1964-DND-MCE-NTS-31B/13-3rd ed., 1976-EMR-SMB-NTS-31B/13-4th ed., 1979-EMR-SMB-NTS-31B/13-5th ed.

HL References 3:

| NAICS | SIC |
|--------|-----|
| 562210 | 499 |
| 221330 | 499 |
| 221320 | 499 |
| 562920 | 499 |
| 562990 | 499 |



CITY OF OTTAWA

HLUI ID: __670HWP

AREA (Square Metres): 700270.204

Report: RPTC_OT_DEV0122

Run On: 14 Dec 2020 at: 11:50:43

Study Year
1998

PIN
043260266

Multi-NAIC
Y

Multiple Activities
N

Company Name

Year of Operation

| | |
|-----------------------------|--------------|
| Unnamed Waste Disposal Site | c. <1991 |
| Unnamed Waste Disposal Site | c. 1953 |
| Unnamed Waste Disposal Site | c. 1946 |
| Unnamed Waste Disposal Site | c. 1924 |
| Unnamed Waste Disposal Site | c. 1958 |
| Unnamed Waste Disposal Site | c. 1979 |
| Unnamed Waste Disposal Site | c. 1965 |
| Unnamed Waste Disposal Site | c. 1974 |
| Unnamed Waste Disposal Site | c. 1920-1931 |
| Unnamed Waste Disposal Site | c. 1973 |
| Unnamed Waste Disposal Site | c. 1927 |
| Unnamed Waste Disposal Site | c. 1966-1991 |
| Unnamed Waste Disposal Site | c. 1947 |
| Unnamed Waste Disposal Site | c. 1976 |
| Unnamed Waste Disposal Site | c. 1940 |
| Unnamed Waste Disposal Site | c. 1962 |
| Unnamed Waste Disposal Site | c. 1926 |
| Unnamed Waste Disposal Site | c. 1944 |
| Unnamed Waste Disposal Site | c. 1972 |
| Unnamed Waste Disposal Site | c. 1935 |
| Unnamed Waste Disposal Site | c. 1921-1945 |
| Unnamed Waste Disposal Site | c. 1977 |
| Unnamed Waste Disposal Site | c. 1947 |
| Unnamed Waste Disposal Site | c. 1950 |
| Unnamed Waste Disposal Site | c. 1981 |
| Unnamed Waste Disposal Site | c. 1971 |
| Unnamed Waste Disposal Site | c. 1963 |
| Unnamed Waste Disposal Site | c. <1990 |
| Unnamed Waste Disposal Site | c. 1964 |
| Unnamed Waste Disposal Site | c. 1920 |
| Unnamed Waste Disposal Site | c. 1938 |
| Unnamed Waste Disposal Site | c. 1929 |



CITY OF OTTAWA

HLUI ID: __670HWP

AREA (Square Metres): 700270.204

Report: RPTC_OT_DEV0122

Run On: 14 Dec 2020 at: 11:50:43

Study Year
1998

PIN
043260266

Multi-NAIC
Y

Multiple Activities
N

Unnamed Waste Disposal Site

c. 1966

Historical Land Use Inventory

Activity Numbers –

Adjacent Properties

Historical Land Use Inventory

Area #1 Activity Numbers



CITY OF OTTAWA
 HLUI ID: __670HWP

Report: RPTC_OT_DEV0122
 Run On: 14 Dec 2020 at: 11:50:43

AREA (Square Metres): 700270.204

Study Year
 1998

PIN
 043260266

Multi-NAIC
 Y

Multiple Activities
 N

Activity ID: 14515 Multiple PINS: Y
 PIN Certainty: 1 Previous Activity ID(s) : 6190, 6060, 6064, 6082, 6077, 6084, 6094, 6095,
 6098, 6099, 6102, 6103, 6105, 6108, 6109, 6110,
 6111, 6112, 6115, 6117, 6121, 6122, 6124, 6125,
 6127, 6129, 6130, 6190, 6191, 6192, 6193, 6198,
 6200, 6202, 6203, 6238, 6240, 6243, 6245, 6280,
 6282, 6284, 62

Related PINS: 041330051

Name: UNNAMED WASTE DISPOSAL SITE

Address: , OTTAWA

Facility Type: Other Utility Industries n.e.c.

Comments 1: UTM = 445870E, 5028130N, map 31G/5. Site #X1102 of closed sites in the MOE inventory (pg134).

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1991-WDSI/WMB/MOE; RBE 1992; MC Staff, 19/02/99; 1922DMD-TM-Ottawa-Sheet #14,
 1948DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5- 11th ed., City of
 Gloucester-File #8-400-Box 130;

HL References 2: City of Gloucester File # 6-79A: Subject-Health/Dumping -Box 75 -28/12/64; 1938-39-DND-ASE-NTS-31B/13W-2nd
 ed., 1964-DND-MCE-NTS-31B/13-3rd ed., 1976-EMR-SMB-NTS-31B/13-4th ed., 1979-EMR-SMB-NTS-31B/13-5th
 ed.

HL References 3:

| NAICS | SIC |
|--------|-----|
| 562210 | 499 |
| 221330 | 499 |
| 221320 | 499 |
| 562920 | 499 |
| 562990 | 499 |



CITY OF OTTAWA

HLUI ID: __670HWP

AREA (Square Metres): 700270.204

Report: RPTC_OT_DEV0122

Run On: 14 Dec 2020 at: 11:50:43

Study Year
1998

PIN
043260266

Multi-NAIC
Y

Multiple Activities
N

Company Name

Year of Operation

| | |
|-----------------------------|--------------|
| Unnamed Waste Disposal Site | c. <1991 |
| Unnamed Waste Disposal Site | c. 1953 |
| Unnamed Waste Disposal Site | c. 1946 |
| Unnamed Waste Disposal Site | c. 1924 |
| Unnamed Waste Disposal Site | c. 1958 |
| Unnamed Waste Disposal Site | c. 1979 |
| Unnamed Waste Disposal Site | c. 1965 |
| Unnamed Waste Disposal Site | c. 1974 |
| Unnamed Waste Disposal Site | c. 1920-1931 |
| Unnamed Waste Disposal Site | c. 1973 |
| Unnamed Waste Disposal Site | c. 1927 |
| Unnamed Waste Disposal Site | c. 1966-1991 |
| Unnamed Waste Disposal Site | c. 1947 |
| Unnamed Waste Disposal Site | c. 1976 |
| Unnamed Waste Disposal Site | c. 1940 |
| Unnamed Waste Disposal Site | c. 1962 |
| Unnamed Waste Disposal Site | c. 1926 |
| Unnamed Waste Disposal Site | c. 1944 |
| Unnamed Waste Disposal Site | c. 1972 |
| Unnamed Waste Disposal Site | c. 1935 |
| Unnamed Waste Disposal Site | c. 1921-1945 |
| Unnamed Waste Disposal Site | c. 1977 |
| Unnamed Waste Disposal Site | c. 1947 |
| Unnamed Waste Disposal Site | c. 1950 |
| Unnamed Waste Disposal Site | c. 1981 |
| Unnamed Waste Disposal Site | c. 1971 |
| Unnamed Waste Disposal Site | c. 1963 |
| Unnamed Waste Disposal Site | c. <1990 |
| Unnamed Waste Disposal Site | c. 1964 |
| Unnamed Waste Disposal Site | c. 1920 |
| Unnamed Waste Disposal Site | c. 1938 |
| Unnamed Waste Disposal Site | c. 1929 |



CITY OF OTTAWA

HLUI ID: __670HWP

AREA (Square Metres): 700270.204

Report: RPTC_OT_DEV0122

Run On: 14 Dec 2020 at: 11:50:43

Study Year
1998

PIN
043260266

Multi-NAIC
Y

Multiple Activities
N

Unnamed Waste Disposal Site

c. 1966



DATABASE REPORT

Project Property: *Phase I ESA
Part of 5123 Hawthorne Road
Ottawa ON K0A 1V0*

Project No: *P12014*

Report Type: *Standard Report*

Order No: *20310900348*

Requested by: *Paterson Group Inc.*

Date Completed: *November 12, 2020*

Table of Contents

| | |
|--|----|
| Table of Contents..... | 2 |
| Executive Summary..... | 3 |
| Executive Summary: Report Summary..... | 4 |
| Executive Summary: Site Report Summary - Project Property..... | 6 |
| Executive Summary: Site Report Summary - Surrounding Properties..... | 7 |
| Executive Summary: Summary By Data Source..... | 8 |
| Map..... | 9 |
| Aerial..... | 10 |
| Topographic Map..... | 11 |
| Detail Report..... | 12 |
| Unplottable Summary..... | 16 |
| Unplottable Report..... | 18 |
| Appendix: Database Descriptions..... | 51 |
| Definitions..... | 60 |

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Executive Summary

Property Information:

Project Property: *Phase I ESA
Part of 5123 Hawthorne Road Ottawa ON K0A 1V0*

Project No: *P12014*

Coordinates:

Latitude: *45.3073371*
Longitude: *-75.5543796*
UTM Northing: *5,017,242.05*
UTM Easting: *456,540.63*
UTM Zone: *18T*

Elevation: *282 FT
85.88 M*

Order Information:

Order No: *20310900348*
Date Requested: *November 9, 2020*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

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

| Database | Name | Searched | Project Property | 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 | 0 | 0 |
| SRDS | <i>Wastewater Discharger Registration Database</i> | Y | 0 | 0 | 0 |
| TANK | <i>Anderson's Storage Tanks</i> | Y | 0 | 0 | 0 |
| TCFT | <i>Transport Canada Fuel Storage Tanks</i> | Y | 0 | 0 | 0 |
| VAR | <i>Variances for Abandonment of Underground Storage Tanks</i> | Y | 0 | 0 | 0 |
| WDS | <i>Waste Disposal Sites - MOE CA Inventory</i> | Y | 0 | 0 | 0 |
| WDSH | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y | 0 | 1 | 1 |
| WWIS | <i>Water Well Information System</i> | Y | 0 | 1 | 1 |
| Total: | | | 0 | 3 | 3 |

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|--------------------------|-----------|--------------------------|---|---------------------|----------------------|---------------------------|
| <u>1</u> | ANDR | Gloucester Con 6 Dump | Gloucester ON K1G 3N4 | SW/25.2 | 0.00 | <u>12</u> |
| <u>2</u> | WDSH | | 25-26 6 GLOUCESTER ON | WSW/46.4 | 1.00 | <u>12</u> |
| <u>3</u> | WWIS | | lot 26 con 6 ON Well ID: 1502342 | SW/185.9 | 1.00 | <u>13</u> |

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR 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> |
|--------------------------------------|-----------------------|-------------------------|----------------------------|--------------------------|
| Gloucester Con 6 Dump | Gloucester ON K1G 3N4 | SW | 25.19 | <u>1</u> |

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

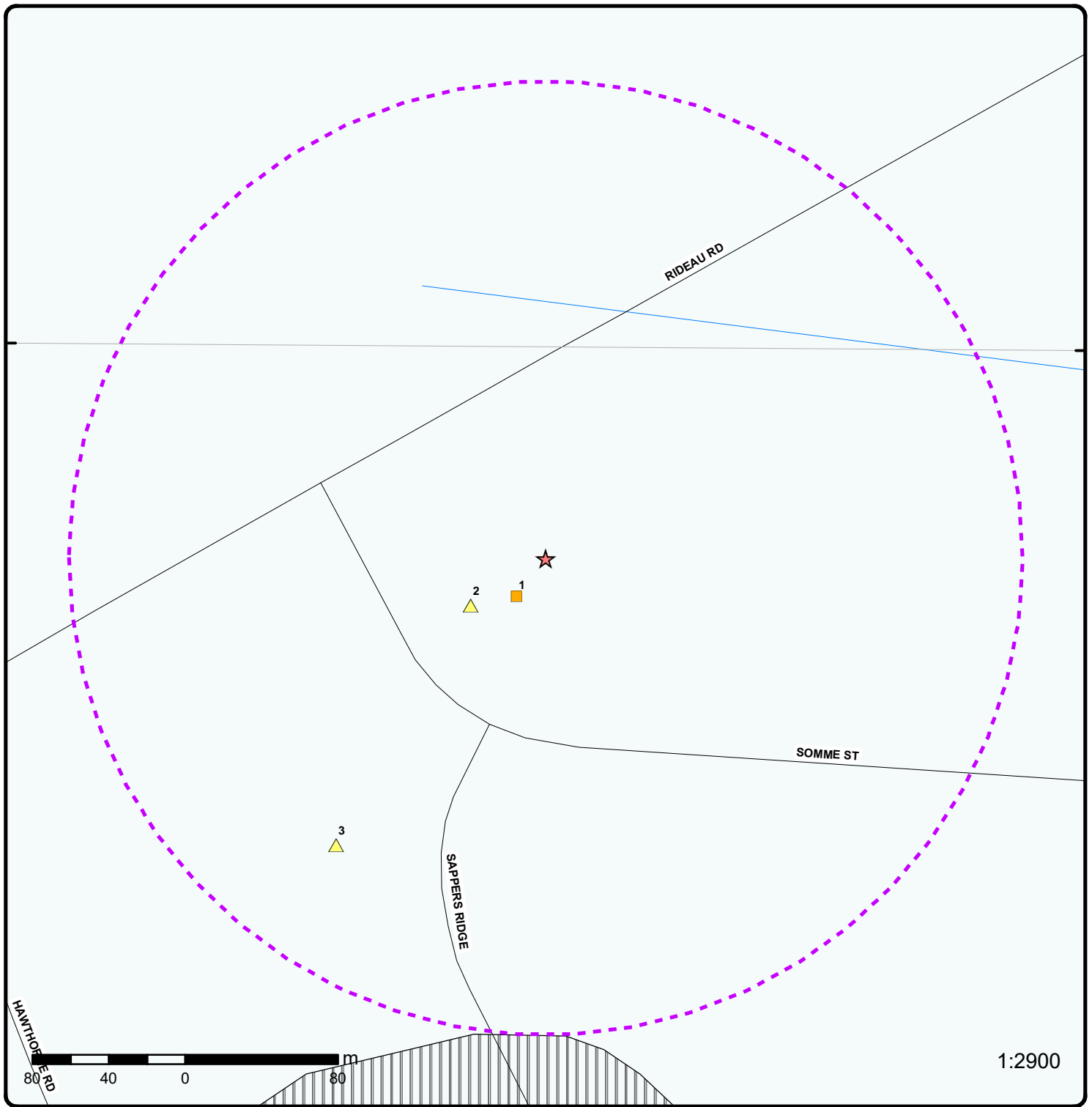
A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|--------------------------------------|--------------------------|-------------------------|----------------------------|--------------------------|
| | 25-26 6 GLOUCESTER ON | WSW | 46.40 | <u>2</u> |

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 1 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> |
|--------------------------------------|---|-------------------------|----------------------------|--------------------------|
| | lot 26 con 6 ON <i>Well ID:</i> 1502342 | SW | 185.95 | <u>3</u> |



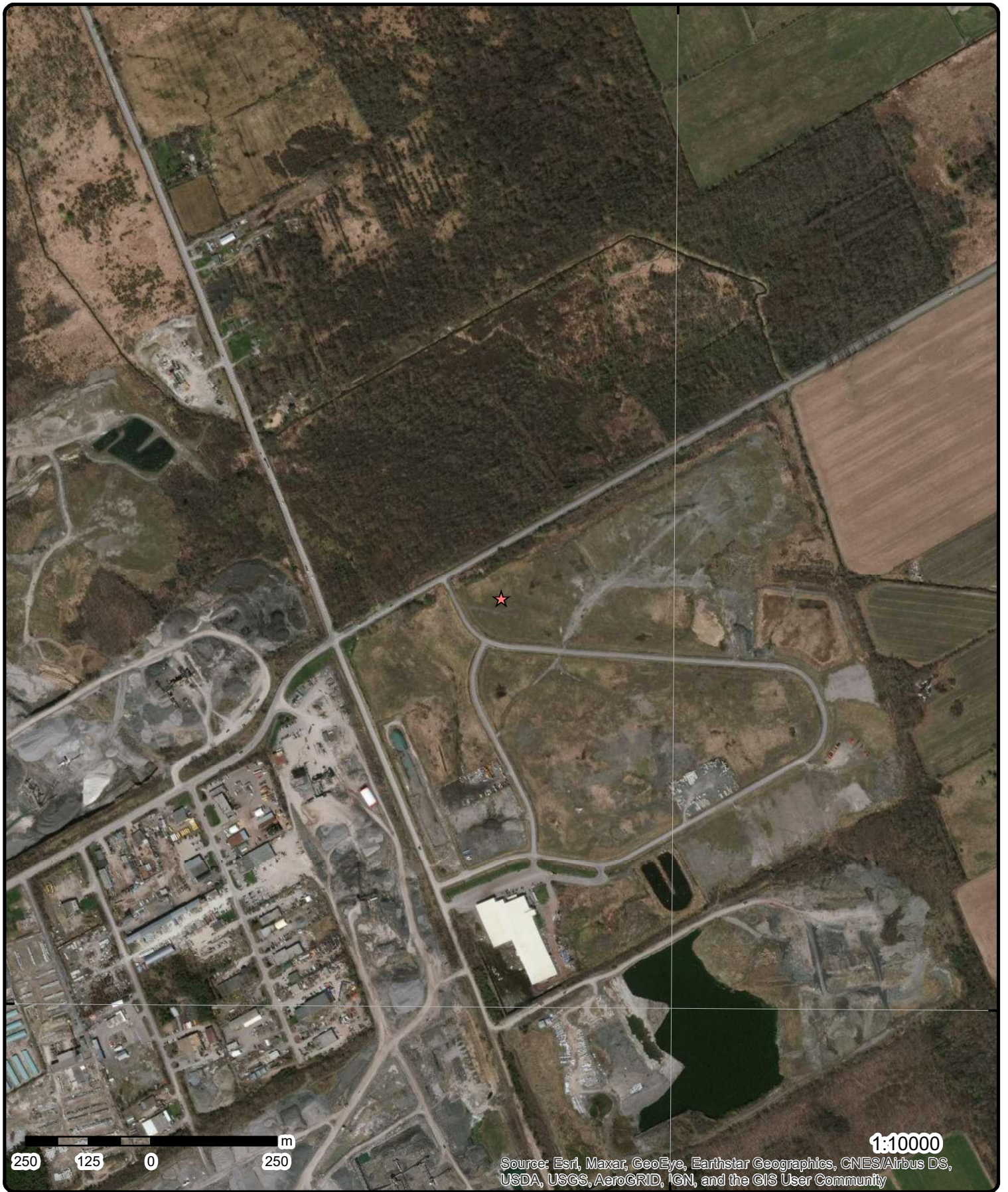
Map : 0.25 Kilometer Radius

Order Number: 20310900348

Address: Part of 5123 Hawthorne Road, Ottawa, ON



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



Aerial Year: 2019

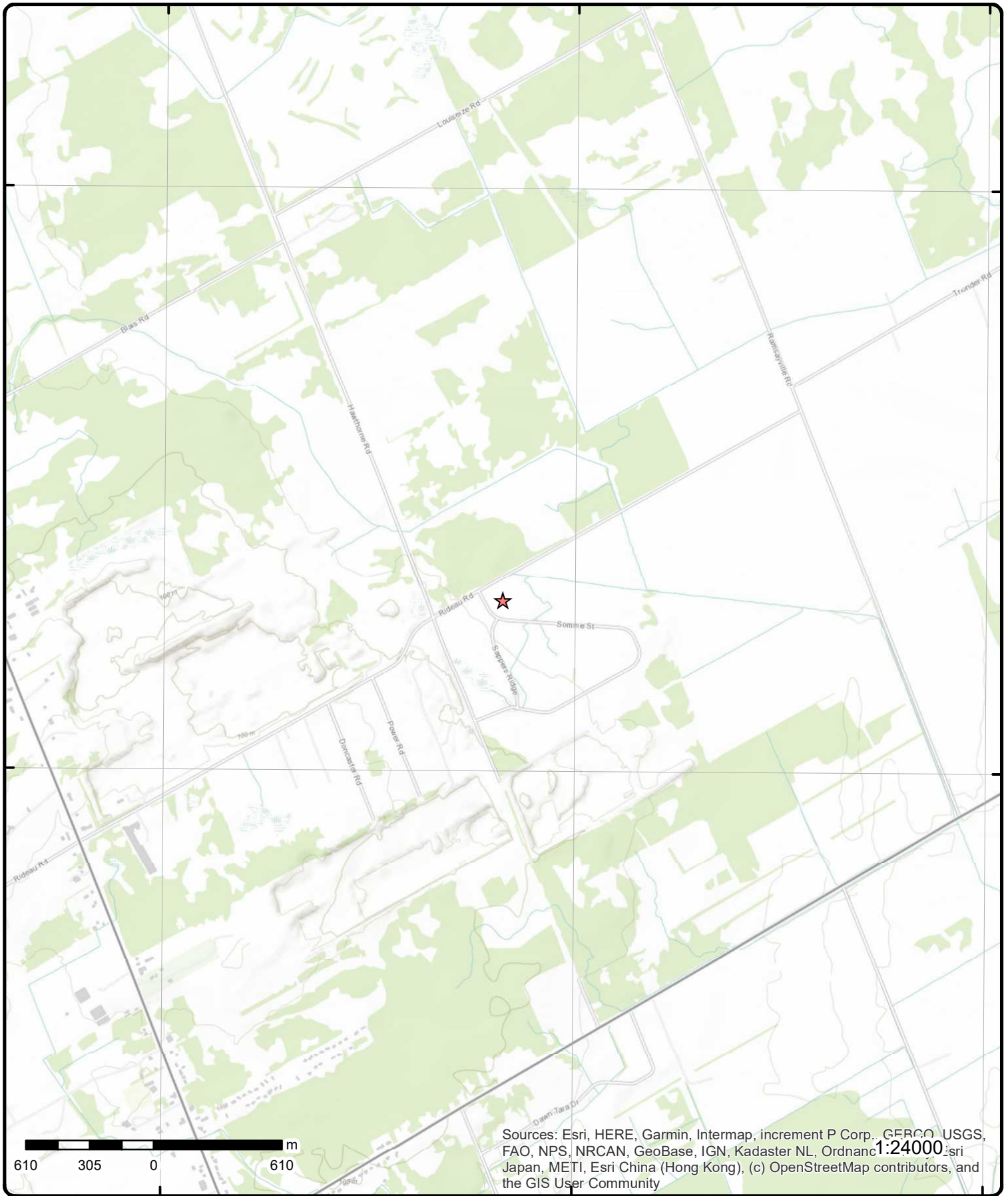
Address: Part of 5123 Hawthorne Road, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20310900348



© ERIS Information Limited Partnership



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: Part of 5123 Hawthorne Road, ON

Source: ESRI World Topographic Map

Order Number: 20310900348



© ERIS Information Limited Partnership

Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--------------------------|-------------------|----------------------------|--------------------|--|-------------|
| <u>1</u> | 1 of 1 | SW/25.2 | 85.9 / 0.00 | Gloucester Con 6 Dump Gloucester ON K1G 3N4 | ANDR |

Legal Description: Gloucester Con 6 Lots 25-26
Location Description: partly wooded site, 350m E of Hawthorne Rd*, 75m S of sideline 25/26
Municipality: Gloucester Township
Current Municipality: Gloucester City
RM: Ottawa-Carleton Region
Facility: Dump
Date Active: pre 1970
Date Begun:
Date Complete:
Area (Ha):
Landfill Type:
Group Name:
Operated By:
Serial: MOEE 9013
NTS: 31G05
Diameter (m):

Historical Summary:

Gloucester Con 6 Dump MOEE 1994 Gloucester Con 6 Lots 25-26 cited as closed waste disposal site (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093). 1968 NTS Map 31G05 Not marked, partly wooded site, 350m E of Hawthorne Rd*, 75m S of sideline 25/26 [1968 NTS Map Ottawa-Hull Sheet 31G05 edition 7 (air photos 1967, publication 1968)]. 1973 Military Town Plan MCE 306 Not marked [1973 Military Town Plan Ottawa-Hull MCE 306 Edition 2 (information 1972, produced 1973)]. * [1996] MapArt Publishing Corporation, Ottawa-Hull [& environs, street map] ISBN: 1-55198-358-3.

Waste Type:
UTM X Nad 27: 456500
UTM Y Nad 27: 5017000
UTM Zone: 18

| | | | | | |
|--------------------------|--------|-----------------|--------------------|--|-------------|
| <u>2</u> | 1 of 1 | WSW/46.4 | 86.9 / 1.00 | 25-26 6 GLOUCESTER ON | WDSH |
|--------------------------|--------|-----------------|--------------------|--|-------------|

Site No.: X9013
Region: SOUTHEAST
County: OTTAWA CARLETON
Concession: 6
Lot: 25-26
Easting: 456500
Northing: 5017000
Zone: 18
Date Closed:
Status: CLOSED
Classification: A5 - POTENTIAL HUMAN IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED 10-20 YRS
%CommercialWste: n/a
%DomesticWste Rec: n/a
%LiquidWste Rec: n/a
%HazardousWste Rec: n/a
%Non-haz.Wste Rec: n/a
%Sewage/Sludge Rec: n/a

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|------------------|-------------------|----------------------------|------------------|------|----|
| %Other Wste Rec: | | n/a | | | |

| | | | | | |
|-------------------------------|--------------|----------|-------------|---------------------------|---------------------|
| 3 | 1 of 1 | SW/185.9 | 86.9 / 1.00 | lot 26 con 6 ON | WWIS |
| Well ID: | 1502342 | | | Data Entry Status: | |
| Construction Date: | | | | Data Src: | 1 |
| Primary Water Use: | Livestock | | | Date Received: | 12/6/1951 |
| Sec. Water Use: | Domestic | | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | | | Abandonment Rec: | |
| Water Type: | | | | Contractor: | 3504 |
| Casing Material: | | | | Form Version: | 1 |
| Audit No: | | | | Owner: | |
| Tag: | | | | Street Name: | |
| Construction Method: | | | | County: | OTTAWA |
| Elevation (m): | | | | Municipality: | GLOUCESTER TOWNSHIP |
| Elevation Reliability: | | | | Site Info: | |
| Depth to Bedrock: | | | | Lot: | 026 |
| Well Depth: | | | | Concession: | 06 |
| Overburden/Bedrock: | | | | Concession Name: | RF |
| 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/150\1502342.pdf

Bore Hole Information

| | | | |
|-------------------------------------|------------|-------------------------|-------------|
| Bore Hole ID: | 10024385 | Elevation: | 87.742004 |
| DP2BR: | 27 | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | r | East83: | 456430.8 |
| Code OB Desc: | Bedrock | North83: | 5017092 |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 11/30/1950 | 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: | 930994278 |
| Layer: | 1 |
| Color: | |
| General Color: | |
| Mat1: | 24 |
| Most Common Material: | PREV. DRILLED |
| Mat2: | |
| Mat2 Desc: | |
| Mat3: | |
| Mat3 Desc: | |
| Formation Top Depth: | 0 |
| Formation End Depth: | 27 |
| Formation End Depth UOM: | ft |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <u>Overburden and Bedrock Materials Interval</u> | | | | | |
| Formation ID: | | 930994279 | | | |
| Layer: | | 2 | | | |
| Color: | | | | | |
| General Color: | | | | | |
| Mat1: | | 18 | | | |
| Most Common Material: | | SANDSTONE | | | |
| Mat2: | | | | | |
| Mat2 Desc: | | | | | |
| Mat3: | | | | | |
| Mat3 Desc: | | | | | |
| Formation Top Depth: | | 27 | | | |
| Formation End Depth: | | 57 | | | |
| Formation End Depth UOM: | | ft | | | |
| <u>Method of Construction & Well Use</u> | | | | | |
| Method Construction ID: | | 961502342 | | | |
| Method Construction Code: | | 1 | | | |
| Method Construction: | | Cable Tool | | | |
| Other Method Construction: | | | | | |
| <u>Pipe Information</u> | | | | | |
| Pipe ID: | | 10572955 | | | |
| Casing No: | | 1 | | | |
| Comment: | | | | | |
| Alt Name: | | | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930041542 | | | |
| Layer: | | 2 | | | |
| Material: | | 4 | | | |
| Open Hole or Material: | | OPEN HOLE | | | |
| Depth From: | | | | | |
| Depth To: | | 57 | | | |
| Casing Diameter: | | 5 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Construction Record - Casing</u> | | | | | |
| Casing ID: | | 930041541 | | | |
| Layer: | | 1 | | | |
| Material: | | 1 | | | |
| Open Hole or Material: | | STEEL | | | |
| Depth From: | | | | | |
| Depth To: | | 27 | | | |
| Casing Diameter: | | 5 | | | |
| Casing Diameter UOM: | | inch | | | |
| Casing Depth UOM: | | ft | | | |
| <u>Results of Well Yield Testing</u> | | | | | |
| Pump Test ID: | | 991502342 | | | |
| Pump Set At: | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <i>Static Level:</i> | | | 13 | | |
| <i>Final Level After Pumping:</i> | | | 18 | | |
| <i>Recommended Pump Depth:</i> | | | | | |
| <i>Pumping Rate:</i> | | | 1 | | |
| <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> | | | 0 | | |
| <i>Pumping Duration MIN:</i> | | | 30 | | |
| <i>Flowing:</i> | | | No | | |

Water Details

| | |
|-------------------------------|-----------|
| <i>Water ID:</i> | 933455121 |
| <i>Layer:</i> | 1 |
| <i>Kind Code:</i> | 1 |
| <i>Kind:</i> | FRESH |
| <i>Water Found Depth:</i> | 57 |
| <i>Water Found Depth UOM:</i> | ft |

Unplottable Summary

Total: 22 Unplottable sites

| DB | Company Name/Site Name | Address | City | Postal |
|------|--------------------------------------|--|-------------------|---------|
| CA | Minto Developments Inc. | Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata Ward 4 | Ottawa ON | |
| DTNK | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 | GLOUCESTER TWP ON | |
| DTNK | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 | GLOUCESTER TWP ON | P0G 1K0 |
| DTNK | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 | GLOUCESTER TWP ON | |
| DTNK | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 | GLOUCESTER TWP ON | |
| EXP | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| EXP | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| EXP | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| FST | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| FST | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| FST | DESCHENES CONSTRUCTION (ONTARIO) LTD | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | ON | |
| LIMO | Rideau River Gloucester | Lot 26 Concession 6 Ottawa | ON | |
| SPL | O.C. Transpo <UNOFFICIAL> | Rideau Rd. at the Rideau Shopping Mall <UNOFFICIAL> | Ottawa ON | |
| WWIS | | con 6 | ON | |
| WWIS | | lot 26 | ON | |
| WWIS | | lot 25 | ON | |
| WWIS | | lot 25 | ON | |

| | | |
|------|--------|----|
| WWIS | lot 25 | ON |
| WWIS | lot 26 | ON |
| WWIS | lot 26 | ON |
| WWIS | lot 26 | ON |
| WWIS | lot 25 | ON |

Unplottable Report

Site: *Minto Developments Inc.*
Pt Lot 26, Con 6, 4R-11232 Parts 1 & 2, Kanata Ward 4 Ottawa ON

Database:
CA

Certificate #: 5380-6GGNFK
Application Year: 2005
Issue Date: 9/23/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *DESCHENES CONSTRUCTION (ONTARIO) LTD*
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No: 10763229
Status: EXPIRED
Instance ID: 37817
Instance Type: FS Piping
Description: FS Piping
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Original Source: EXP
Record Date: Up to Mar 2012

Site: *DESCHENES CONSTRUCTION (ONTARIO) LTD*
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON P0G 1K0

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No: 9480416
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Description:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/26/1992
Original Source: EXP
Record Date: Up to May 2013

Site: *DESCHENES CONSTRUCTION (ONTARIO) LTD*

Database:

Delisted Expired Fuel Safety Facilities

Instance No: 10763262
 Status: EXPIRED
 Instance ID: 37258
 Instance Type: FS Piping
 Description: FS Piping
 TSSA Program Area:
 Maximum Hazard Rank:
 Facility Type:
 Expired Date:
 Original Source: EXP
 Record Date: Up to Mar 2012

Site: **DESCHENES CONSTRUCTION (ONTARIO) LTD**
 DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP ON

Database:
 DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 10763247
 Status: EXPIRED
 Instance ID: 37355
 Instance Type: FS Piping
 Description: FS Piping
 TSSA Program Area:
 Maximum Hazard Rank:
 Facility Type:
 Expired Date:
 Original Source: EXP
 Record Date: Up to Mar 2012

Site: **DESCHENES CONSTRUCTION (ONTARIO) LTD**
 DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON

Database:
 EXP

| | | | |
|-----------------------|---|----------------------|------|
| Instance No: | 10763220 | Model: | NULL |
| Status: | EXPIRED | Quantity: | 1 |
| Instance ID: | | Unit of Measure: | EA |
| Instance Type: | | Fuel Type2: | NULL |
| Instance Creation Dt: | 5/25/1992 | Fuel Type3: | NULL |
| Instance Install Dt: | 5/25/1992 | Piping Steel: | |
| Item: | | Piping Galvanized: | |
| Item Description: | FS Liquid Fuel Tank | Tank Single Wall St: | |
| Facility Type: | FS LIQUID FUEL TANK | Piping Underground: | |
| Overfill Prot Type: | NULL | Tank Underground: | |
| Creation Date: | 7/5/2009 1:20:47 AM | Panam Related: | NULL |
| Expired Date: | | Panam Venue Nm: | NULL |
| Manufacturer: | NULL | | |
| Source: | FS Liquid Fuel Tank | | |
| Description: | UNDERGROUND TANK | | |
| Serial No: | NULL | | |
| Ulc Standard: | NULL | | |
| Facility Location: | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | | |

Site: **DESCHENES CONSTRUCTION (ONTARIO) LTD**
 DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON

Database:
 EXP

| | | | |
|----------------|----------|------------------|------|
| Instance No: | 10763238 | Model: | NULL |
| Status: | EXPIRED | Quantity: | 1 |
| Instance ID: | | Unit of Measure: | EA |
| Instance Type: | | Fuel Type2: | NULL |

Instance Creation Dt: 5/25/1992 **Fuel Type3:** NULL
Instance Install Dt: 5/25/1992 **Piping Steel:**
Item: **Piping Galvanized:**
Item Description: FS Liquid Fuel Tank **Tank Single Wall St:**
Facility Type: FS LIQUID FUEL TANK **Piping Underground:**
Overfill Prot Type: NULL **Tank Underground:**
Creation Date: 7/5/2009 1:20:49 AM **Panam Related:** NULL
Expired Date: **Panam Venue Nm:** NULL
Manufacturer: NULL
Source: FS Liquid Fuel Tank
Description: UNDERGROUND TANK
Serial No: NULL
Ulc Standard: NULL
Facility Location: DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA

Site: **DESCHENES CONSTRUCTION (ONTARIO) LTD** **Database:**
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON **EXP**

Instance No: 10763253 **Model:** NULL
Status: EXPIRED **Quantity:** 1
Instance ID: **Unit of Measure:** EA
Instance Type: **Fuel Type2:** NULL
Instance Creation Dt: 10/2/1989 **Fuel Type3:** NULL
Instance Install Dt: 10/2/1989 **Piping Steel:**
Item: **Piping Galvanized:**
Item Description: FS Liquid Fuel Tank **Tank Single Wall St:**
Facility Type: FS LIQUID FUEL TANK **Piping Underground:**
Overfill Prot Type: NULL **Tank Underground:**
Creation Date: 7/5/2009 1:20:46 AM **Panam Related:** NULL
Expired Date: **Panam Venue Nm:** NULL
Manufacturer: NULL
Source: FS Liquid Fuel Tank
Description: UNDERGROUND TANK
Serial No: NULL
Ulc Standard: NULL
Facility Location: DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA

Site: **DESCHENES CONSTRUCTION (ONTARIO) LTD** **Database:**
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON **FST**

Instance No: 10763238 **Manufacturer:**
Status: **Serial No:**
Cont Name: **Ulc Standard:**
Instance Type: **Quantity:**
Item: FS LIQUID FUEL TANK **Unit of Measure:**
Item Description: FS Liquid Fuel Tank **Fuel Type:** Diesel
Tank Type: Liquid Fuel Single Wall UST **Fuel Type2:** NULL
Install Date: 5/25/1992 **Fuel Type3:** NULL
Install Year: 1979 **Piping Steel:**
Years in Service: **Piping Galvanized:**
Model: NULL **Tanks Single Wall St:**
Description: **Piping Underground:**
Capacity: 22730 **Num Underground:**
Tank Material: Steel **Panam Related:**
Corrosion Protect: **Panam Venue:**
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA

Fuel Storage Tank Details

Owner Account Name: DESCHENES CONSTRUCTION (ONTARIO) LTD

Site: DESCHENES CONSTRUCTION (ONTARIO) LTD
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON

Database:
FST

| | | | |
|-----------------------------------|---|------------------------------|--------|
| Instance No: | 10763220 | Manufacturer: | |
| Status: | | Serial No: | |
| Cont Name: | | Ulc Standard: | |
| Instance Type: | | Quantity: | |
| Item: | FS LIQUID FUEL TANK | Unit of Measure: | |
| Item Description: | FS Liquid Fuel Tank | Fuel Type: | Diesel |
| Tank Type: | Liquid Fuel Single Wall UST | Fuel Type2: | NULL |
| Install Date: | 5/25/1992 | Fuel Type3: | NULL |
| Install Year: | 1979 | Piping Steel: | |
| Years in Service: | | Piping Galvanized: | |
| Model: | NULL | Tanks Single Wall St: | |
| Description: | | Piping Underground: | |
| Capacity: | 22730 | Num Underground: | |
| Tank Material: | Steel | Panam Related: | |
| Corrosion Protect: | | Panam Venue: | |
| Overfill Protect: | | | |
| Facility Type: | FS Liquid Fuel Tank | | |
| Parent Facility Type: | | | |
| Facility Location: | | | |
| Device Installed Location: | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | | |

Fuel Storage Tank Details

Owner Account Name: DESCHENES CONSTRUCTION (ONTARIO) LTD

Site: DESCHENES CONSTRUCTION (ONTARIO) LTD
DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA ON

Database:
FST

| | | | |
|-----------------------------------|---|------------------------------|----------|
| Instance No: | 10763253 | Manufacturer: | |
| Status: | | Serial No: | |
| Cont Name: | | Ulc Standard: | |
| Instance Type: | | Quantity: | |
| Item: | FS LIQUID FUEL TANK | Unit of Measure: | |
| Item Description: | FS Liquid Fuel Tank | Fuel Type: | Gasoline |
| Tank Type: | Liquid Fuel Single Wall UST | Fuel Type2: | NULL |
| Install Date: | 10/2/1989 | Fuel Type3: | NULL |
| Install Year: | 1979 | Piping Steel: | |
| Years in Service: | | Piping Galvanized: | |
| Model: | NULL | Tanks Single Wall St: | |
| Description: | | Piping Underground: | |
| Capacity: | 9092 | Num Underground: | |
| Tank Material: | Steel | Panam Related: | |
| Corrosion Protect: | | Panam Venue: | |
| Overfill Protect: | | | |
| Facility Type: | FS Liquid Fuel Tank | | |
| Parent Facility Type: | | | |
| Facility Location: | | | |
| Device Installed Location: | DOMTAR R BOYCE QUARRY LOT 25 GLOUCESTER TWP P0G 1K0 ON CA | | |

Fuel Storage Tank Details

Owner Account Name: DESCHENES CONSTRUCTION (ONTARIO) LTD

Site: Rideau River Gloucester
Lot 26 Concession 6 Ottawa ON

Database:
LIMO

| | | | |
|----------------------------|----------|-----------------------------|--|
| ECA/Instrument No: | X9013 | Natural Attenuation: | |
| Oper Status 2016: | Historic | Liners: | |
| C of A Issue Date: | | Cover Material: | |
| C of A Issued to: | | Leachate Off-Site: | |
| Lndfl Gas Mgmt (P): | | Leachate On Site: | |
| Lndfl Gas Mgmt (F): | | Req Coll Lndfl Gas: | |
| Lndfl Gas Mgmt (E): | | Lndfl Gas Coll: | |
| Lndfl Gas Mgmt Sys: | | Total Waste Rec: | |

Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type: Historic and Closed Landfills
Source File Type:
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name: Rideau River Gloucester
ERC Methodology:
Site Name:
Site Location Details: Lot 26 Concession 6
 Ottawa
Service Area:
Page URL:

TWR Methodology:
TWR Unit:
Tot Apprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: O.C. Transpo <UNOFFICIAL>
 Rideau Rd. at the Rideau Shopping Mall <UNOFFICIAL> Ottawa ON

Database:
 SPL

| | | | |
|------------------------------|---|------------------------------|------------------------|
| Ref No: | 0358-6FESFG | Discharger Report: | 0 |
| Site No: | | Material Group: | Chemical |
| Incident Dt: | 8/19/2005 | Health/Env Conseq: | |
| Year: | | Client Type: | |
| Incident Cause: | Pipe Or Hose Leak | Sector Type: | Transport Truck |
| Incident Event: | | Agency Involved: | |
| Contaminant Code: | | Nearest Watercourse: | |
| Contaminant Name: | ETHYLENE GLYCOL (ANTIFREEZE) | Site Address: | |
| Contaminant Limit 1: | | Site District Office: | Ottawa |
| Contam Limit Freq 1: | | Site Postal Code: | |
| Contaminant UN No 1: | | Site Region: | |
| Environment Impact: | Not Anticipated | Site Municipality: | Ottawa |
| Nature of Impact: | | 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: | 8/19/2005 | Site Map Datum: | |
| Dt Document Closed: | | SAC Action Class: | Spills to Watercourses |
| Incident Reason: | Equipment Failure | Source Type: | |
| Site Name: | Rideau Rd. at the Rideau Shopping Mall <UNOFFICIAL> | | |
| Site County/District: | | | |
| Site Geo Ref Meth: | | | |
| Incident Summary: | O.C. Transpo - 30 L anti-freeze to sewer. | | |
| Contaminant Qty: | 3785 L | | |

Site: con 6 ON

Database:
 WWIS

| | | | |
|---------------------------|--------------|---------------------------|-----------|
| Well ID: | 1523466 | Data Entry Status: | |
| Construction Date: | | Data Src: | 1 |
| Primary Water Use: | Domestic | Date Received: | 6/26/1989 |
| Sec. Water Use: | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | Abandonment Rec: | |
| Water Type: | | Contractor: | 3749 |
| Casing Material: | | Form Version: | 1 |
| Audit No: | 40124 | Owner: | |
| Tag: | | Street Name: | |

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession: 06
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045241
DP2BR: 168
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 6/14/1989
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931054713
Layer: 6
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 168
Formation End Depth: 188
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931054714
Layer: 7
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 188
Formation End Depth: 228
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931054711
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 130
Formation End Depth: 150
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931054709
Layer: 2
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931054710
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 130
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931054712
Layer: 5
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 150
Formation End Depth: 168
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931054708
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933110320
Layer: 1
Plug From: 0
Plug To: 188
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961523466
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593811
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079161
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 188
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523466
Pump Set At:
Static Level: 35
Final Level After Pumping: 110
Recommended Pump Depth:
Pumping Rate: 25
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934907405
Test Type: Draw Down
Test Duration: 60
Test Level: 110
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650202
Test Type: Draw Down
Test Duration: 45
Test Level: 110
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104992
Test Type: Draw Down
Test Duration: 15
Test Level: 68
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389221
Test Type: Draw Down
Test Duration: 30
Test Level: 101
Test Level UOM: ft

Water Details

Water ID: 933481736
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 210
Water Found Depth UOM: ft

Water Details

Water ID: 933481735
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 196
Water Found Depth UOM: ft

Water Details

Water ID: 933481737
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 221
Water Found Depth UOM: ft

Site:
lot 26 ON

Database:
WWIS

Well ID: 1519599
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/28/1985
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 026
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041469
DP2BR: 49
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/14/1985
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931042175
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 49
Formation End Depth: 65
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042173
Layer: 2
Color: 2
General Color: GREY

Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 17
Formation End Depth: 40
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042172
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931042174
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 40
Formation End Depth: 49
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961519599
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590039
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072412
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To: 65
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072411
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519599
Pump Set At:
Static Level: 14
Final Level After Pumping: 20
Recommended Pump Depth: 30
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108530
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383821
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653801
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894144
Test Type: Draw Down
Test Duration: 60

Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933476639
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

| | | | |
|------------------------|--------------|--------------------|-------------|
| Well ID: | 1523747 | Data Entry Status: | |
| Construction Date: | | Data Src: | 1 |
| Primary Water Use: | Industrial | Date Received: | 8/4/1989 |
| Sec. Water Use: | | Selected Flag: | Yes |
| Final Well Status: | Water Supply | Abandonment Rec: | |
| Water Type: | | Contractor: | 3644 |
| Casing Material: | | Form Version: | 1 |
| Audit No: | 49862 | Owner: | |
| Tag: | | Street Name: | |
| Construction Method: | | County: | OTTAWA |
| Elevation (m): | | Municipality: | OTTAWA CITY |
| Elevation Reliability: | | Site Info: | |
| Depth to Bedrock: | | Lot: | 025 |
| Well Depth: | | Concession: | |
| Overburden/Bedrock: | | Concession Name: | |
| Pump Rate: | | Easting NAD83: | |
| Static Water Level: | | Northing NAD83: | |
| Flowing (Y/N): | | Zone: | |
| Flow Rate: | | UTM Reliability: | |
| Clear/Cloudy: | | | |

Bore Hole Information

| | | | |
|------------------------------|-----------|------------------|-------------|
| Bore Hole ID: | 10045521 | Elevation: | |
| DP2BR: | 32 | Elevrc: | |
| Spatial Status: | | Zone: | 18 |
| Code OB: | r | East83: | |
| Code OB Desc: | Bedrock | North83: | |
| Open Hole: | | Org CS: | |
| Cluster Kind: | | UTMRC: | 9 |
| Date Completed: | 6/12/1989 | UTMRC Desc: | unknown UTM |
| Remarks: | | Location Method: | na |
| Elevrc Desc: | | | |
| Location Source Date: | | | |
| Improvement Location Source: | | | |
| Improvement Location Method: | | | |
| Source Revision Comment: | | | |
| Supplier Comment: | | | |

Overburden and Bedrock
Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 82
Mat2 Desc: SHALY
Mat3:
Mat3 Desc:

Formation Top Depth: 32
Formation End Depth: 250
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 32
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523747
Pump Set At:
Static Level: 19

Final Level After Pumping: 100
Recommended Pump Depth: 100
Pumping Rate: 14
Flowing Rate:
Recommended Pump Rate: 14
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651310
Test Type:
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
WWIS

Well ID: 1528229
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 144848
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/21/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049768
DP2BR: 13
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/22/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931069009
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 17
Mat2 Desc: SHALE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 13
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931069008
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14

Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0
Formation End Depth: 13
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113096
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528229
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598338
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086989
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086988
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528229
Pump Set At:
Static Level: 14
Final Level After Pumping: 100
Recommended Pump Depth: 90
Pumping Rate: 6

Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934104069
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387694
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905393
Test Type: Draw Down
Test Duration: 60
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648209
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933487838
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 30
Water Found Depth UOM: ft

Site: lot 25 ON

Database:
WWIS

Well ID: 1528230
Construction Date:
Primary Water Use: Industrial
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 149882
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 10/21/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA

Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049769
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/13/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931069012
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 74
Mat2 Desc: LAYERED
Mat3: 80
Mat3 Desc: POROUS
Formation Top Depth: 8
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931069011
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 2
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931069010
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 79
Mat2 Desc: PACKED
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931069013
Layer: 4
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 103
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933113097
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961528230
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598339
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086991
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086990
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528230
Pump Set At:
Static Level: 14
Final Level After Pumping: 103
Recommended Pump Depth: 95
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387695
Test Type: Recovery
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104070
Test Type: Recovery
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905394
Test Type: Recovery
Test Duration: 60
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648210
Test Type: Recovery
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933487839
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 25
Water Found Depth UOM: ft

Site:
lot 26 ON

Database:
WWIS

Well ID: 1529709
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 182706
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/22/1997
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 026
Concession:
Concession Name: LI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051244
DP2BR: 16
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/11/1997
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931073581
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 16
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931073582
Layer: 5
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931073579
Layer: 2
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 4
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931073578
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931073580
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 13
Formation End Depth: 16

Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933114772
Layer: 1
Plug From: 22
Plug To: 0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961529709
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10599814
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089440
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930089441
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991529709
Pump Set At:
Static Level: 12
Final Level After Pumping: 35
Recommended Pump Depth: 35
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1

Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934391634
Test Type:
Test Duration: 30
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934660796
Test Type:
Test Duration: 45
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934116660
Test Type:
Test Duration: 15
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909333
Test Type:
Test Duration: 60
Test Level: 12
Test Level UOM: ft

Water Details

Water ID: 933489740
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth:
Water Found Depth UOM: ft

Site: lot 26 ON

Database:
[WWIS](#)

Well ID: 1530327
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 194764
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src: 1
Date Received: 12/8/1998
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 026
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051862
DP2BR: 57
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/16/1998
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

**Overburden and Bedrock
Materials Interval**

Formation ID: 931075165
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Mat2 Desc: STICKY
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 32
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931075164
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931075169
Layer: 6
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73

Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 71
Formation End Depth: 223
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931075168
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 57
Formation End Depth: 71
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931075167
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 53
Formation End Depth: 57
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931075166
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 32
Formation End Depth: 53
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933115461
Layer: 1
Plug From: 53
Plug To: 45
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530327
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10600432
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090407
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930090406
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930090408
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530327
Pump Set At:
Static Level: 21
Final Level After Pumping: 55
Recommended Pump Depth: 90
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934662465
Test Type: Recovery
Test Duration: 45
Test Level: 22
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393315
Test Type: Recovery
Test Duration: 30
Test Level: 24
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118327
Test Type: Recovery
Test Duration: 15
Test Level: 26
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934911009
Test Type: Recovery
Test Duration: 60
Test Level: 21
Test Level UOM: ft

Water Details

Water ID: 933490420
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 148
Water Found Depth UOM: ft

Water Details

Water ID: 933490419
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 115
Water Found Depth UOM: ft

Water Details

Water ID: 933490421
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 211
Water Found Depth UOM: ft

Site:
lot 26 ON

Database:
WWIS

Well ID: 1530328
Construction Date:
Primary Water Use: Livestock
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 194762
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/8/1998
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 026
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051863
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/19/1998
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933115462
Layer: 1
Plug From: 36
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530328
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 10600433
Casing No: 1
Comment:
Alt Name:

Site:
lot 25 ON

Database:
WWIS

Well ID: 1522184
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25073
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/1/1988
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043997
DP2BR: 23
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/8/1987
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931050499
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 14
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931050500
Layer: 2
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 14
Formation End Depth: 23
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931050501
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Mat2 Desc: MEDIUM-GRAINED
Mat3:
Mat3 Desc:
Formation Top Depth: 23
Formation End Depth: 60
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961522184
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592567
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076928
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930076927
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522184
Pump Set At:
Static Level: 15
Final Level After Pumping: 30
Recommended Pump Depth: 40
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934392983
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903366
Test Type: Draw Down
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654534
Test Type: Draw Down
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109298
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933479978
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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-Oct 31, 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-Oct 31, 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 / 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 2018

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 [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-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-Oct 31, 2020

Pipeline Incidents:

Provincial PINC

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

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

Variations 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-Oct 31, 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.

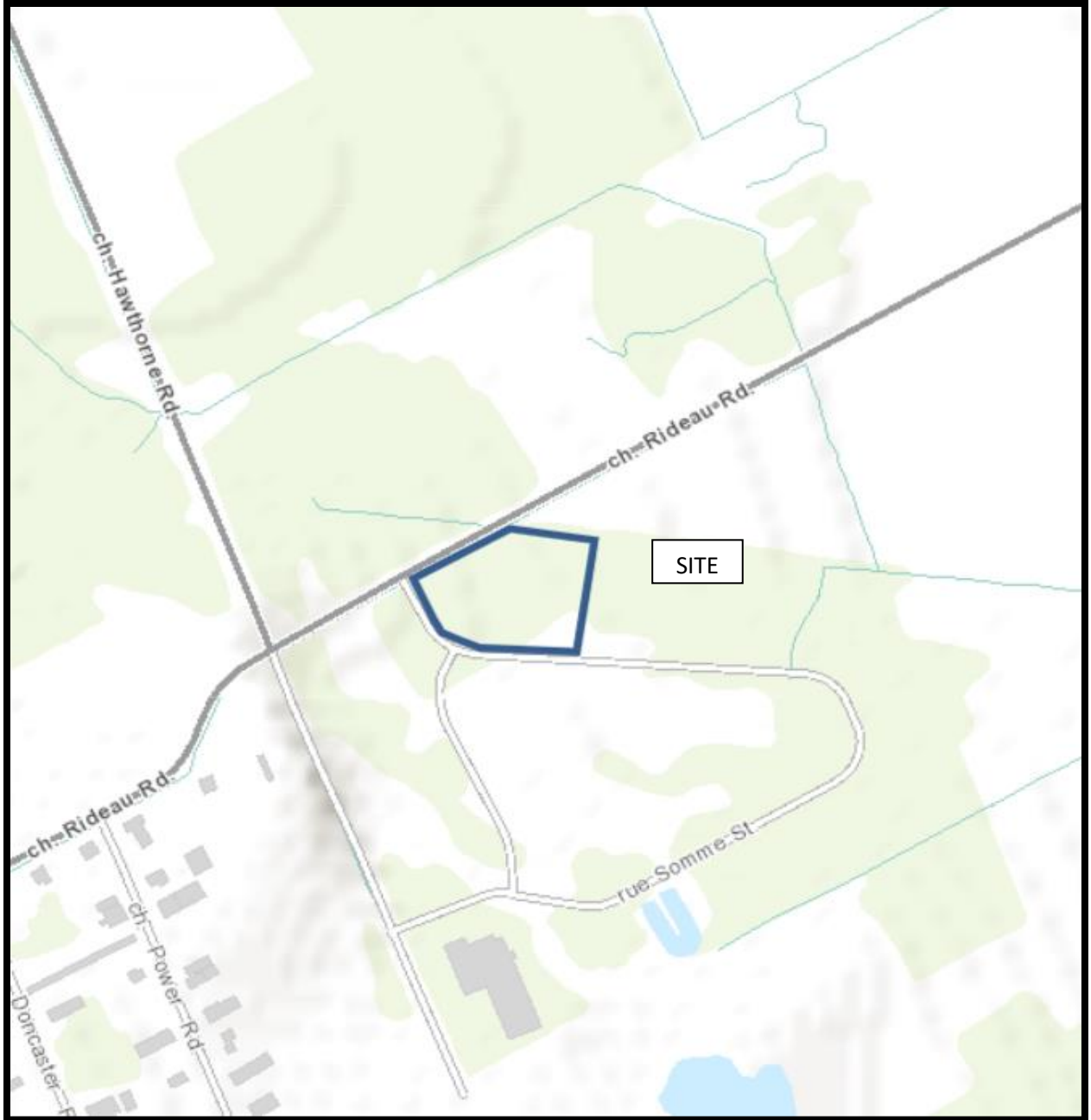
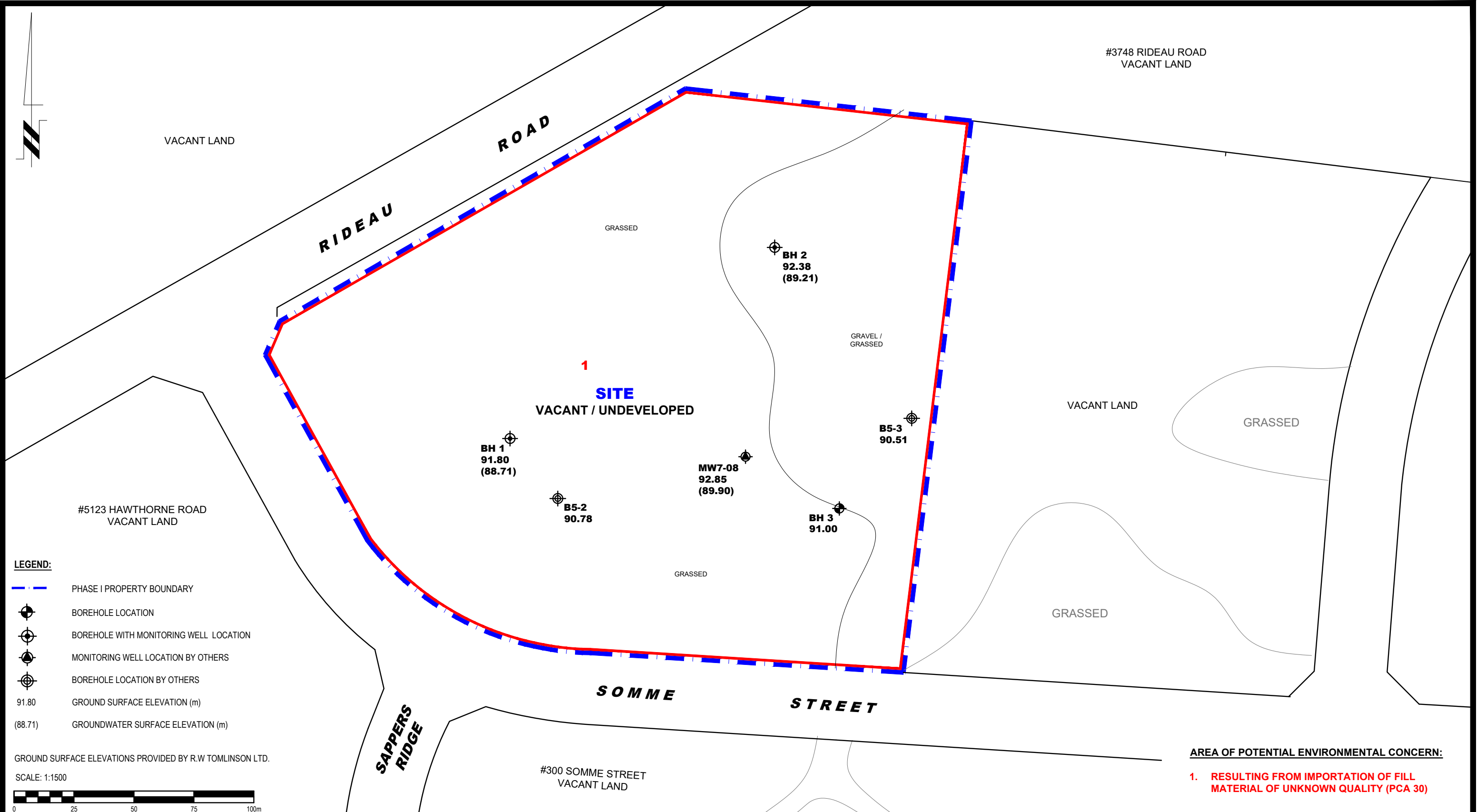


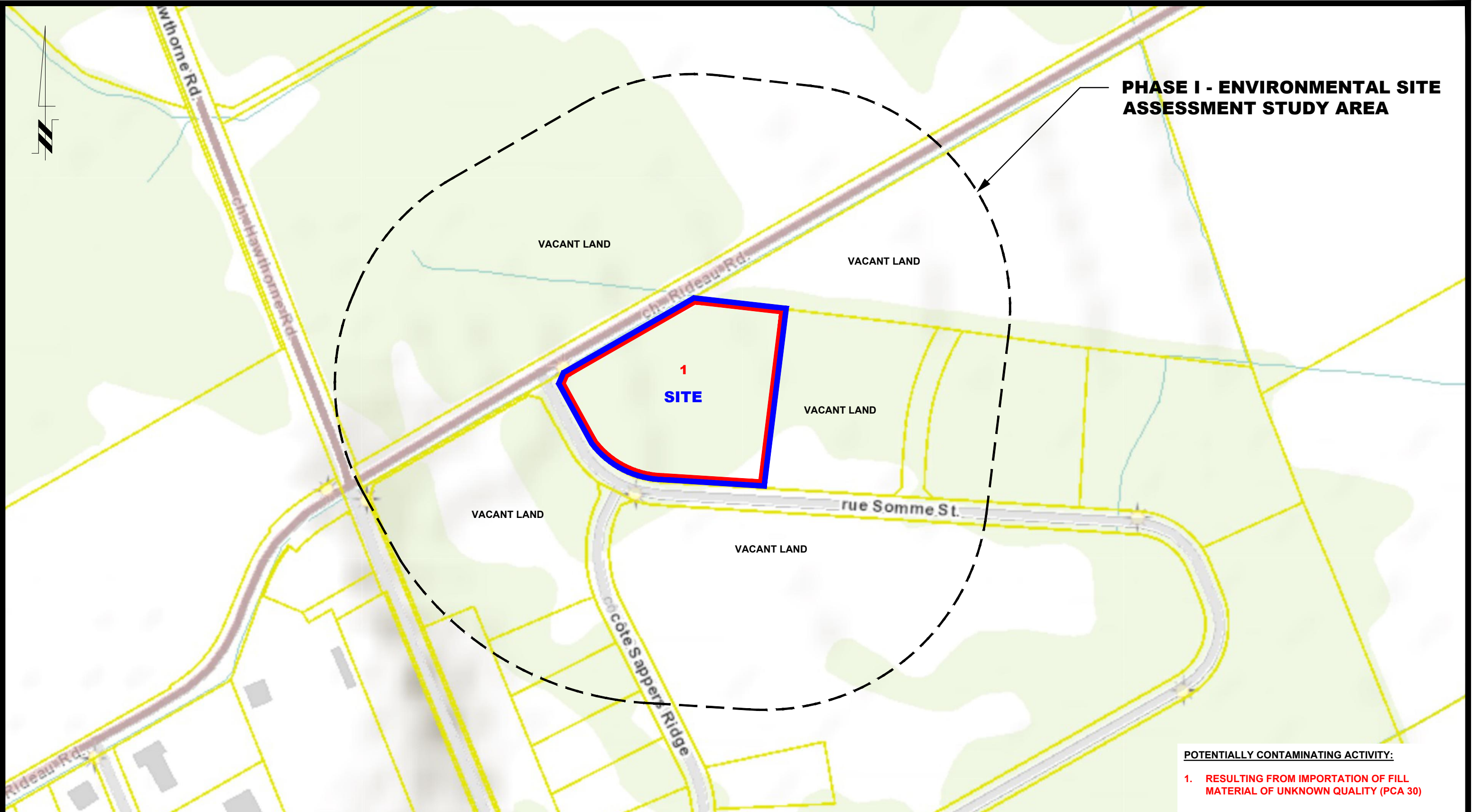
FIGURE 1
KEY PLAN



| NO. | REVISIONS | DATE | INITIAL |
|-----|-----------|------|---------|
| | | | |
| | | | |
| | | | |

FASTFRATE (OTTAWA) HOLDINGS INC.
PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
 301 SOMME STREET
 OTTAWA, ONTARIO
Title: SITE PLAN

| | | | |
|--------------|--------|---------------|------------------|
| Scale: | 1:1500 | Date: | 07/2022 |
| Drawn by: | MPG | Report No.: | PE5100-LET.02 |
| Checked by: | MW | Dwg. No.: | PE5100-1R |
| Approved by: | MSD | Revision No.: | |



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

VACANT LAND

VACANT LAND

VACANT LAND

VACANT LAND

VACANT LAND

VACANT LAND

1
SITE

POTENTIALLY CONTAMINATING ACTIVITY:

1. RESULTING FROM IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY (PCA 30)

| NO. | REVISIONS | DATE | INITIAL |
|-----|-----------|------|---------|
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FASTFRATE (OTTAWA) HOLDINGS INC.
 PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
 301 SOMME STREET
 OTTAWA, ONTARIO
SURROUNDING LAND USE PLAN

| | | | |
|--------------|--------|---------------|------------------|
| Scale: | 1:4000 | Date: | 07/2022 |
| Drawn by: | MPG | Report No.: | PE5100-LET.02 |
| Checked by: | MW | Dwg. No.: | PE5100-2R |
| Approved by: | MSD | Revision No.: | |