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March 23, 2022
File: PE5677-LET.01

ML Westboro Inc. c/o ML DEVCO Inc.
651 Churchill Avenue North
Ottawa, Ontario
K1Z 5G2

Attention: **Ms. Maureen Flanigan**

Subject: **Phase I Environmental Site Assessment Update**
398, 402 and 406 Roosevelt Avenue
Ottawa, Ontario

Dear Madame,

Further to your request, Paterson Group (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, 398, 402 and 406 Roosevelt Avenue, Ottawa, Ontario,” prepared by Paterson Group Inc. (Paterson), and dated October 6, 2017. 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 2017 report.

Background

The Phase I Property is located on the west side of Roosevelt Avenue, approximately 20 m north of Richmond Road, in the City of Ottawa, Ontario.

The Phase I Property is situated in an urban setting with commercial and residential land use. The site has an area of approximately 1,380 m^2. Based on aerial photographs and the city directories, the Phase I Property was developed prior to 1928 with the present-day residential dwellings.

Previous Engineering Reports

The following reports were reviewed as part of this assessment:

- ❒ "Phase II-Environmental Site Assessment, 398, 402 and 406 Roosevelt Avenue, Ottawa, Ontario," prepared by Paterson Group Inc. (Paterson), dated September 25, 2017.

A subsurface investigation was conducted for due diligence purposes to assess potential impacts from the former retail fuel outlet located immediately south of the Phase I Property at 415 Richmond Road.

Two (2) boreholes were placed on the Phase I Property: one on the southwest corner (406 Roosevelt Avenue), abutting the property boundary of the former retail outlet and garage at 415 Richmond Road, and another borehole on 398 Roosevelt Avenue.

The boreholes were drilled and cored through bedrock to 7.6 m below the ground surface. Bedrock was encountered at depths ranging from approximately 0.7 to 1.3 m below grade. Overburden material consisted of shallow topsoil and/or silty sand. Two (2) soil samples and three (3) groundwater samples were submitted for BTEX and/or VOCs and PHCs.

Based on the findings of the Phase II ESA, no soil or groundwater impact was encountered on the Phase I Property and as such, it is our opinion that the former retail fuel outlet and service garage was considered not to pose any risk the subject land.

- ❒ "Phase I-Environmental Site Assessment, 398, 402 and 406 Roosevelt Avenue, Ottawa, Ontario," prepared by Paterson Group Inc. (Paterson), dated October 6, 2017.

Based on the historical research, the Phase I Property was developed before 1928 with the existing residential dwellings. Surrounding lands were historically used for commercial purposes along Richmond Road and residential along Roosevelt Avenue. Several off-site historical PCAs were identified along Richmond Road, including dry cleaning establishments (376, 379, 384, and 397 Richmond Road), and retail fuel outlets and/or automotive service garages (372, 396, 410, 415, 420 Richmond Road, and 376 Madison Avenue). These PCAs were not considered to represent APECs on the Phase I Property based on their separation distances of over 100 m in combination with the results of the subsurface investigation previously conducted for the Phase I Property by Paterson in September of 2017.

- ❒ “Designated Substance Survey, 398, 402 and 406 Roosevelt Avenue, Ottawa, Ontario,” prepared by Paterson Group Inc. (Paterson), dated February 22, 2022.

Based on the findings of the DSS, asbestos containing materials (ACMs) were identified and included the plaster walls and ceilings, drywall joint compound, cement parging, exterior stucco and linoleum floor tiles.

Lead-based paints were identified on the basement walls at 398 Roosevelt Avenue and in the living room and kitchen walls at 406 Roosevelt Avenue.

All ACMs were recommended for removal from the subject buildings prior to being disturbed by any planned demolition activities.

Records Update

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the site slopes gently downward to the north and west. 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. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The subject site is located in the Central St. Lawrence Lowland, which is generally less 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 this information, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation. Overburden consists of plain till with a drift thickness reported to range from 2 to 3 m across the site.

Aerial Photographs

The latest aerial photograph/image reviewed as part of the 2017 Phase I ESA was from 2014. The 2014 and 2019 aerial images were reviewed as part of this update.

Based on the review of these images, the Phase I Property and the study area remain unchanged from the 2014 image.

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on March 17, 2022. The Phase I Property 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.

Areas of Natural Significance

No area of natural significance is present on the Phase I Property or within the Phase I Study Area.

Water Bodies

There are no natural bodies of water on the Phase I Property or 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.

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. Based on the MECP FOI response letter, no records pertaining the Phase I Property were identified. A copy of the MECP FOI response is appended to this report.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the properties. Based on the MECP FOI response letter, no records pertaining the Phase I Property were identified. A copy of the MECP FOI response is appended to this report.

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. Based on the MECP FOI response letter, no records pertaining the Phase I Property were identified. A copy of the MECP FOI response is appended to this report.

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 report, a response had not been received from the MECP. Based on the MECP FOI response letter, no records pertaining the Phase I Property were identified. A copy of the MECP FOI response is appended to this report.

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 (ESR) 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 Phase I Property. Three (3) RSCs were filed for properties within the Phase I Study Area.

An RSC was filed at 398 Berkely Avenue, approximately 50 m northwest of the Phase I Property. According to the registry, approximately 800m^3 of contaminated soil was removed and no contaminated groundwater was encountered.

An RSC was filed at 575 Byron Avenue, approximately 115 m south of the Phase I Property. According to the registry, approximately 1,500m^3 of contaminated soil was removed and no contaminated groundwater was encountered.

An RSC was filed at 401 Golden Avenue, approximately 85 m southwest of the Phase I Property. According to the registry, approximately 500m^3 of contaminated soil was removed and no contaminated groundwater was encountered.

Given the information provided in the ESR (i.e. no groundwater remediation) in combination with our previous subsurface investigation, these RSC properties are not considered to have had the potential to impact the Phase I Property.

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 250m of the Phase I Study Area.

Well Records

A search of the MECPs website for all drilled well records within 250m of the Phase I Property was conducted. The search returned 1 domestic well (on Berkley Avenue), 21 well abandonment records (for 379 Wilmont Avenue and 335 Roosevelt Avenue), 8 test holes (at 337, 380, 401, and 465 Richmond Road, and 389 Wilmont Avenue), and 7 monitoring wells (for 389 Wilmont Avenue and 401 Richmond Road). The monitoring wells and test holes were installed in 2011, 2012, and 2013.

The potable well on Berkley Avenue was drilled to 30.5 m below grade and was installed within limestone bedrock. The well was installed in 1970 and is not expected to be in current use.

Based on the separation distance and/or orientation combined with our previous subsurface investigation on the Phase I Property, these wells are not considered to have had the potential to impact the Phase I Property. Copies of the well records are appended to this report.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted March 17, 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 Phase I Property. Expired storage tanks and fuel outlet records were identified for 415 Richmond Road, which were associated with the former retail fuel outlet (RFO). As previously discussed, this former RFO does not represent an APEC on the Phase I Property. A copy of the TSSA correspondence is appended to this report.

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)

As part of this update, a new requisition form was sent to the City of Ottawa to request information from the City’s Historical Land Use Inventory (HLUI) database for the Phase I property and properties within a 250 m search area. A response had not been received prior to issuing this report, however, the HLUI response from the original response for the Phase I Property has been received.

The HLUI response from 2017 identified twenty (20) activities in the area, although none were identified for the subject site. A number of the businesses were not considered to represent potentially contaminating activities (PCAs), while others were considered to represent PCAs. These PCAs consisted of historical automotive repair/fueling businesses and several manufacturing businesses. It should be noted that the historical PCAs were situated on properties that were RSC properties and have been redeveloped.

Two (2) properties at 395 and 403 Richmond Road, were identified in the HLUI. Both of these properties with the potential to impact, have been investigated by Paterson. Based on the information in our files, these HLUI activities are not considered to represent APECs on the Phase I Property. A copy of the HLUI application is appended to this letter.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Search Report, dated March 22, 2022, was obtained for the Phase I Property and properties within the Phase I Study Area.

According to the ERIS search, there are no records pertaining to the Phase I Property. The ERIS search identified off-site records. Based on the view of these records, there are no new off-site PCAs that would result in APECs on the Phase I Property. A copy of the ERIS report is provided in the Appendix.

Personal Interviews

During the Phase I-ESA conducted in 2017, the property owners/residents of 402 and 406 Roosevelt Avenue were interviewed during the site visit.

The property owners of 402 Roosevelt Avenue and 406 Roosevelt Avenue had occupied the dwellings for more than 10 years and reported that the houses had been heated with natural gas at the time of purchase.

Ms. Maureen Flanigan of ML Westboro Inc. was interviewed as part of this update via email. ML Westboro Inc. purchased the Phase I Property in July 2021. According to Ms. Flanigan, no potential concerns were noted prior to purchasing the Phase I Property, which has remained residential. Ms. Flanigan is not aware of any potential environmental concerns.

The information obtained in these interviews is considered to be consistent with site information obtained from other sources and with observations made during the site assessment and is considered to be valid.

Site Reconnaissance

A site visit was conducted on February 16, 2022, by Mr. Nick Sullivan from the Environmental Department of Paterson Group. Weather conditions were sunny with a temperature of approximately -15°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.

Buildings and Structures

Each address is occupied by a residential dwelling. The property at 398 Roosevelt Avenue also has a detached private garage structure, and the property at 406 Roosevelt has a small storage shed.

The dwellings are 2-storey buildings with full basements and constructed with a concrete foundation. Based on aerial photographs, all three dwellings and private garages/sheds were constructed prior 1928. The dwellings are all heated with natural gas fired furnaces.

The dwelling at 398 Roosevelt Avenue is finished on the exterior with brick and decorative pebble with a sloped style roof covered with asphaltic shingles.

The detached private garage, constructed with a concrete slab-on-grade foundation, is finished with the same decorative pebble and a shingled roof.

The dwelling at 402 Roosevelt Avenue is finished on the exterior with stone and metal siding with a sloped style roof covered with asphaltic shingles. The entire backyard as well as the driveway are paved with interlock stone.

The dwelling at 406 Roosevelt Avenue is finished on the exterior with brick and decorative pebble with a sloped style roof covered with asphaltic shingles. The storage shed at the rear of the dwelling is constructed with wood.

No other buildings or structures were present on the Phase I Properties at the time of the site visit.

Underground Utilities

Underground service locates were completed as part of the 2017 Phase II ESA program. Underground utilities on the Phase I Properties include municipal water and sewer services, gas, and telecommunications which enter the property from the east, off of Roosevelt Avenue.

Site Features

The subject structures are centrally situated on the Phase I Property. Each property has a paved asphalt or interlock stone driveway, with landscaped areas at the front along Roosevelt Avenue, and grass or interlock stone at the rear.

The site topography is relatively flat and at the grade of Roosevelt Avenue, while the regional topography slopes down in a northerly direction towards the Ottawa River.

Site drainage primarily consists of surficial infiltration and runoff to Roosevelt Avenue. Some standing water from snow melt was present in the roadway in front of 398 Roosevelt Avenue at the time of the site visit. No areas of standing water were observed on any of the Phase I Properties at the time of the site visit. No storm sewer catch basins were observed on Roosevelt Avenue near the Phase I Property.

No aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs), were observed on the exterior of the property at the time of the site visit.

Other than underground utilities, discussed above, there was no evidence of belowground structures on the Phase I Property observed at the time of the site visit.

No evidence of recent excavation was observed on the exterior of the Phase I Property.

No evidence of current or former railway or spur lines on the subject land was observed at the time of the site visit. No areas of unidentified substances were observed on-site at this time. No PCAs were identified during the site visit.

Interior Assessment

A general description of the interiors of the buildings is as follows:

- ❒ Floors consist of a combination of carpet, hardwood, linoleum, ceramic tile, vinyl floor tile and unfinished poured concrete (basements only).
- ❒ Walls consist of lathe and plaster, drywall, and concrete in the basement.
- ❒ Ceilings consist of lathe and plaster and/or drywall, ceiling stipple, suspended tile, and stick-on ceiling tile.
- ❒ Lighting throughout the building is provided by incandescent and fluorescent fixtures.

Liquid discharged from the Phase I Property includes wash water and sewage from the residential dwellings. One (1) floor drain was observed in the basement at 406 Roosevelt Avenue. The drain appeared to be dry at the time of the site visit. No sump pits were present in any of the subject buildings. The basement at 402 Roosevelt Avenue had a carpet covered concrete floor, and the basement at 398 Roosevelt Avenue had a concrete floor with no observed drains.

All of the subject buildings are heated with natural gas. There were no signs of former ASTs or surface staining inside the basements. Chemical storage within the subject structures was limited to commercially-available cleaning products and paints, which were properly stored. No potential environmental concerns were noted at the time of the Phase I Property.

Hazardous Building Materials

Based on the DSS, asbestos-containing materials and lead-based paints are present within the structures. Additional information may be found the 2022 DSS 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 Phase I Property was as follows:

- ❑ North: Residential dwellings;
- ❑ East: Roosevelt Avenue, followed by Tubman Funeral Home and Westboro Chapel;
- ❑ West: Residential dwellings, followed by Berkley Avenue, and
- ❑ South: Commercial units, including Starbucks, Westboro Village Centre, and Pharmasave, followed by Richmond Road.

No off-site PCAs were identified on neighbouring lands. The current land use in the Phase I Study Area is illustrated on Drawing PE5677-2 - Surrounding Land Use Plan.

Conceptual Site Model

Geological and Hydrogeological Setting

According to the Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation. Overburden is reported to consist of plain till with a drift thickness ranging from 2 to 3 m across the site.

The findings of the previous Phase II ESA confirmed the presence of brown silty clay and sand underlain by shallow limestone bedrock.

Based on the regional topography, in combination with the Phase II ESA and previous work conducted by Paterson within the Phase I study area, the groundwater flows in a northerly direction.

Existing Buildings and Structures

The Phase I Property is occupied by three (3) residential dwellings that were constructed prior to 1928. The dwellings are 2-storey buildings with full basements and constructed with a concrete foundation. The dwellings are all heated with natural gas fired furnaces.

Subsurface Structures and Utilities

The Phase I Property is situated in a municipally serviced area. Underground utilities on the Phase I Properties include municipal water and sewer services, gas, and telecommunications which enter the property from the east, off of Roosevelt Avenue.

Areas of Natural Significance

No area of natural significance is present on the Phase I Property or within the Phase I Study Area.

Water Bodies

There are no natural bodies of water on the Phase I Property or within the Phase I Study Area.

Drinking Water Wells

There are no drinking water wells on the Phase I Property, nor are any expected to be present on properties within the study area.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of commercial along Richmond Road and residential along Roosevelt Avenue and the adjacent streets/avenues. The surrounding land use of the Phase I Study Area is shown on Drawing PE5677-2, which has been appended to this letter.

Potentially Contaminating Activities and Areas of Potential Environmental Concerns

Based on the findings of the Phase I ESA, there are no historical or current on-site or off-site potentially contaminating activities (PCAs) that are considered to represent areas of potential environmental concern (APECs) on the Phase I Property.

Contaminants of Potential Concern

Based on the findings of the Phase I ESA, there are no contaminants of potential concern (CPCs).

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA Update is considered to be sufficient to conclude that there are no PCAs that have resulted in APECs on the Phase I Property.

A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

Conclusion

As a result of the records update and follow-up site visit undertaken as part of this assessment in order to meet the requirements of O.Reg. 153/04, as amended, **it is our opinion that a Phase II ESA is not required for the Phase I Property.**

Statement of Limitations

This Phase I - Environmental Site Assessment Update report has been prepared under the supervision of a Qualified Person, in general accordance with 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 ML Westboro c/o ML DEVCO Inc. Permission and notification from ML Westboro or ML DEVCO 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, B.Eng., M.A.Sc.

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

Report Distribution:

- ML Westboro c/o ML Devco Inc.
- Paterson Group

Appendix:

- MECP FOI Response
- MECP Well Records
- TSSA Response
- HLUI Response
- ERIS Report
- Figure 1 – Key Plan
- Figure 2 – Topographic Plan
- Drawing PE5677-1 – Site Plan
- Drawing PE5677-2 – Surrounding Land Use Plan

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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

Ministère de l'Environnement et de l'Action en matière de changement climatique

Bureau de l'accès à l'information et de la protection de la vie privée

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

October 18, 2017

Anna Graham
Paterson Group Inc.
154 Colonnade Rd
Ottawa, ON K2E 7J5

Dear Anna Graham:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-06917, Your Reference PE4046

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 398, 402 and 406 Roosevelt Ave, Ottawa.

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

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

If you have any questions regarding this matter, please contact Moliann Weir at Moliann.Weir4@ontario.ca.

Yours truly,

For M.Weir
Janet Dadufalza
FOI Manager

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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40 St. Clair Avenue West
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Ministère de l'Environnement et de l'Action en matière de changement climatique

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Téléc.: (416) 314-4285

Ontario

October 3, 2017

Anna Graham
Paterson Group Inc.
154 Colonnade Rd
Ottawa, ON K2E 7J5

Dear Anna Graham:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-06917, Your Reference PE4046

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee), along with your $30.00 deposit.

The search is being conducted on the following: 398, 402 and 406 Roosevelt Ave, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,

for Janet Dadufalza
FOI Manager

File Number: D06-03-17-0114

October 24, 2017

Anna Graham
Paterson Group Inc.
154 Colonnade Road South
Ottawa, Ontario
K2E 7J5

Sent via email [agraham@patersongroup.ca]

Dear Ms. Graham,

Re: Information Request
398, 402, and 406 Roosevelt Avenue, Ottawa, Ontario ("Subject Property")

Internal Department Circulation

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

- No information was returned on the Subject Property from Departmental circulation.

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are 20 activities associated with properties located within 50m of the Subject Property: Activity Numbers 14376, 12470, 12897, 11159, 3599, 6160, 12773,

4946, 5119, 8954, 7022, 9387, 2303, 2302, 2301, 13901, 14875, 4217, 2458, and 7850.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above.

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 Ellen Potts at 613-580-2424 ext. 21690 or HLUI@ottawa.ca

Sincerely,

Ellen Potts

Ellen Potts

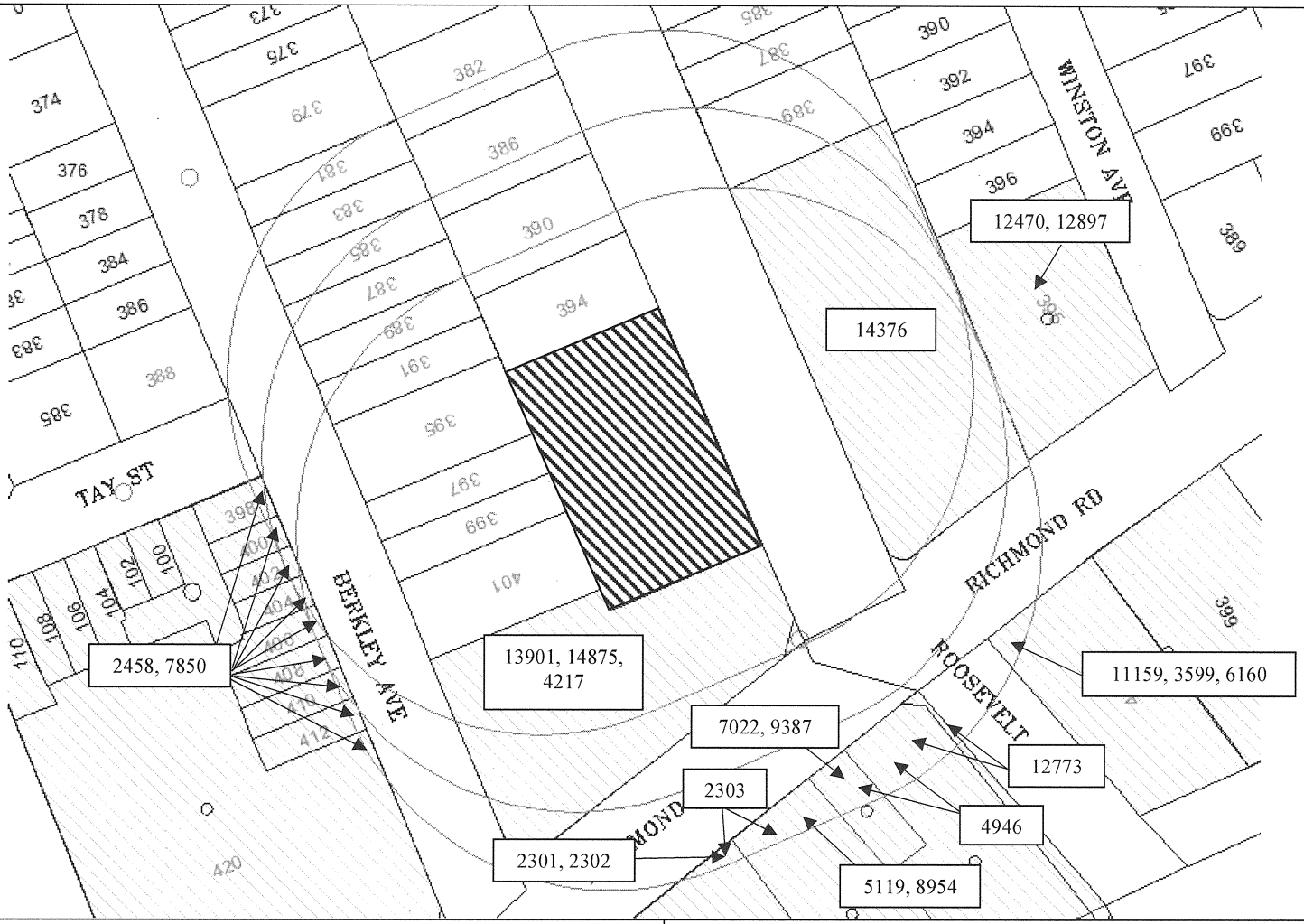
Per:

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

MB/ EP

Attach: 22

cc: File no. D06-03-17-0114



Scale 1: n/a

398, 402, and 406 Roosevelt Avenue
Ottawa, ON
File # D06-03-17-0114
Ellen Potts

Ottawa

Overview

ID# = Activity Identification Number

= Subject Site

CITY OF OTTAWA

HLUI ID: __679GLU

AREA (Square Metres): 5520.590

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 12:19:11

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710331	Y	Y

Activity ID: 2458 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 3206

Related PINS: 039710331

Name: CANADA MOTOR SALES

Address: 423 RICHMOND ROAD, OTTAWA

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

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

HL References 2:

HL References 3:

NAICS	SIC
811119	635
811112	635
811121	635

Company Name	Year of Operation
Canada Motor Sales	c. 1960

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710331	Y	Y

Activity ID: 7850 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 763

Related PINS: 039710331

Name: KETCHUM MANUFACTURING CO. LIMITED
Address: 396 BERKLEY AVENUE, OTTAWA
Facility Type: Office, Store and Business Machine Industries
Comments 1:
Comments 2:
Generator Number: ON2639900
Storage Tanks:
HL References 1: S.1958, S.1961, S.1964/65, S.1970/71; M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1958, M.1960, M.1961, M.1964, M.1970, M.1971, M.1980; SC98;
HL References 2: FIP1901-Key,vol2; FIP1922-253-57,vol2; FIP1948-308-570; FIP1956-336-570, BEP 1950
HL References 3: 2003 PID

NAICS	SIC
332439	304
323114	281
335120	309
336340	325
323119	281
339950	397
322230	279
332314	309
336330	325
334610	399
332118	304
325999	279
323116	281
332510	306
332210	304
333511	306
339910	304
332431	304
332720	304
334110	0
336370	325
326193	325
323115	281
332611	309
333519	306

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710331	Y	Y

Company Name	Year of Operation
Ketchum Manufacturing Co. Ltd.	c. 1930-1993
KETCHUM MANUFACTURING CO. LIMITED	c. 2003
KETCHUM MANUFACTURING CO. LIMITED	c. 2001

CITY OF OTTAWA

HLUI ID: __679E03

AREA (Square Metres): 794.200

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 12:11:03

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710162	Y	Y

Activity ID: 2303 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :** 5443

Related PINS: 039710161

Name: BOURK'S IGNITION-AUTO PARTS

Address: RICHMOND ROAD, OTTAWA

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2: 420-430

Generator Number:

Storage Tanks: 4, underground, gasoline 1, underground, gasoline, 1460 gal. (1922)

HL References 1: M.1900-M.1980; FIP1901-key,Vol1; FIP1912,Vol2; FIP1922-253-571,Vol2; FIP1948-308-571; FIP1956-307-571; SC98

HL References 2:

HL References 3:

NAICS	SIC
811119	635
811121	635
811112	635

Company Name	Year of Operation
Connelly C. Motors Ltd	c. 1960
Westboro Motors & Appliances Ltd.	c. 1922-1956
Bourk's Ignition-Auto Parts	c. 1948-1998

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710162	Y	Y

Activity ID: 5119 **Multiple PINS:** N

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

Related PINS: 039710162

Name: EDSONS AUTO REPAIR
Address: 567 BYRON AVENUE,
Facility Type: Motor Vehicles, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
811111	0

Company Name	Year of Operation
EDSONS AUTO REPAIR	c. 2001
EDSONS AUTO REPAIR	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710162	Y	Y

Activity ID: 8954
Multiple PINS: N
PIN Certainty: 1
Previous Activity ID(s) :
Related PINS: 039710162

Name: MIV PHOTOGRAPHY
Address: 418 RICHMOND ROAD,
Facility Type: Photographers
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
541920	0

Company Name	Year of Operation
MIV PHOTOGRAPHY	c. 2005

CITY OF OTTAWA

HLUI ID: __679F7X

AREA (Square Metres): 2830.930

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710161	Y	Y

Activity ID: 2301 **Multiple PINS:** N

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

Related PINS: 039710161

Name: BOURK'S COMPLETE CAR CARE
Address: 426 RICHMOND ROAD,
Facility Type: Motor Vehicles, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
811111	0

Company Name	Year of Operation
BOURK'S COMPLETE CAR CARE	c. 2001
BOURK'S COMPLETE CAR CARE	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710161	Y	Y

Activity ID: 2302 **Multiple PINS:** N

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

Related PINS: 039710161

Name: BOURK'S IGNITION LIMITED
Address: 424 RICHMOND ROAD, OTTAWA
Facility Type: Gasoline Service Stations
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Property Assessment

NAICS	SIC
811199	0
811121	0
811111	0
811119	0
811112	0

Company Name	Year of Operation
BOURK'S IGNITION LIMITED	c. 2005

CITY OF OTTAWA

HLUI ID: __679FWN

AREA (Square Metres): 1862.043

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 12:16:08

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710273	Y	Y

Activity ID: 13901 **Multiple PINS:** N

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

Related PINS: 039710273

Name: WARLYN CONSTRUCTION LIMITED

Address: 415 RICHMOND ROAD,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name	Year of Operation
WARLYN CONSTRUCTION LIMITED	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710273	Y	Y

Activity ID: 14875 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 269

Related PINS: 039710273

Name: ZIEBART CAPITAL CITY RUST PROOFING LIMITED
Address: 415 RICHMOND ROAD, OTTAWA
Facility Type: Motor Vehicle Repair Shops
Comments 1: Site is located on the north side of Richmond Road.
Comments 2:
Generator Number:
Storage Tanks: 6, gasoline, underground storage tanks
HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1960, M.1970, M.1980; FIP1922-253-569,vol2; FIP1948-307-569,vol3; FIP1956-307-569,vol3; BEP-1950
HL References 2:
HL References 3:

NAICS	SIC
488410	639
811199	633
447110	633
811119	635
447190	633
811112	635
811121	635

Company Name	Year of Operation
McColl Frontenac Co. Ltd	c. 1948-1956
Laing's Service Station	c. 1940
Ziebart "Capital City Rust Proofing Ltd."	c. 1980
Edward Wilkie	c. 1960
Edwin Peckham	c. 1950
Gordies's Texaco Service Station	c. 1970

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710273	Y	Y

Activity ID: 4217 **Multiple PINS:** N

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

Related PINS: 039710273

Name: DAVE RENNIE'S AUTOCARE
Address: 415 RICHMOND ROAD, OTTAWA
Facility Type: Motor Vehicles, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
811111	0

Company Name	Year of Operation
DAVE RENNIE'S AUTOCARE	c. 2001

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710163	Y	Y

Activity ID: 7022 **Multiple PINS:** Y

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

Related PINS: 039710163

Name: IDEA PRO-MOTION
Address: 416 RICHMOND ROAD,
Facility Type: Agricultural Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
444220	0
444210	0

Company Name	Year of Operation
IDEA PRO-MOTION	c. 2005

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710163	Y	Y

Activity ID: 9387 **Multiple PINS:** Y

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

Related PINS: 039710163

Name: MOUNTAIN ROAD PRODUCTIONS LIMITED
Address: 416 RICHMOND ROAD,
Facility Type: Motion Picture Laboratories and Video Production Facilities
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
512110	0

Company Name	Year of Operation
MOUNTAIN ROAD PRODUCTIONS LIMITED	c. 2005

CITY OF OTTAWA

HLUI ID: __679EGO

AREA (Square Metres): 1022.906

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 11:53:45

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710164	Y	Y

Activity ID: 12773 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 483

Related PINS: 039710164

Name: STINSON'S DAIRY

Address: 416 RICHMOND ROAD, OTTAWA

Facility Type: Dairy Products Industries

Comments 1: M. 1956 - lists Copland Builders Supplies offices Fills block between Richmond and Byron

Comments 2:

Generator Number:

Storage Tanks: 1 UST - gasoline

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956; FIP1901-KEY,vol1; FIP1912-KEY,vol2; FIP1922-253-571,vol2; FIP1948-308-571; FIP1956-307-571, BEP 1950

HL References 2:

HL References 3:

NAICS	SIC
311515	104
311520	104
311511	104

Company Name	Year of Operation
Stinson's Dairy	c. 1922-1956

CITY OF OTTAWA

HLUI ID: __679B6W

AREA (Square Metres): 2123.034

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 11:49:21

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	040170001	Y	N

Activity ID: 14376 **Multiple PINS:** N

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

Related PINS: 040170001

Name: TUBMAN FUNERAL HOMES

Address: 403 RICHMOND ROAD, OTTAWA

Facility Type: Funeral Services

Comments 1:

Comments 2:

Generator Number: ONF017100

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
812210	0
812220	0

Company Name	Year of Operation
TUBMAN FUNERAL HOMES	c. 2003
TUBMAN FUNERAL HOMES	c. 2005
TUBMAN FUNERAL HOMES	c. 2001
TUBMAN FUNERAL HOMES	c. 2000

CITY OF OTTAWA

HLUI ID: __670H6H

AREA (Square Metres): 1108.096

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 11:50:31

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	040170034	Y	Y

Activity ID: 12470 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 5101

Related PINS: 040170034

Name: STAINED GLASS STUFF

Address: 397 RICHMOND ROAD, OTTAWA

Facility Type: Hardware, Paint, Glass and Wallpaper Stores (paint storage)

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

NAICS	SIC
444130	653
444210	653

Company Name	Year of Operation
Stained Glass Stuff	c. 1998

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	040170034	Y	Y

Activity ID: 12897 **Multiple PINS:** N

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

Related PINS: 040170034

Name: SIMPLY WOOD FURNISHINGS
Address: 393 RICHMOND ROAD,
Facility Type: Other Rubber Products Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2005 Select Phone

NAICS	SIC
339110	0
442110	0

Company Name	Year of Operation
SIMPLY WOOD FURNISHINGS	c. 2001
SIMPLY WOOD FURNISHINGS	c. 2005

CITY OF OTTAWA

HLUI ID: __679F28

AREA (Square Metres): 2181.626

Report: RPTC_OT_DEV0122

Run On: 24 Oct 2017 at: 11:51:40

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	040170155	Y	Y

Activity ID: 11159 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 274

Related PINS: 040170155

Name: POTTER BROTHERS

Address: 394 RICHMOND ROAD, OTTAWA

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, m.1910, M.1920, M.1930, M.1940, M.1950

HL References 2:

HL References 3:

NAICS	SIC
238310	423
238160	423
238150	423
238140	423

Company Name	Year of Operation
Potter Brothers	c. 1950

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039710164	Y	Y

Activity ID: 4946 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :** 4307

Related PINS: 039710163

Name: DOUBLE L PRINTERS
Address: 416 RICHMOND ROAD, OTTAWA
Facility Type: Commercial Printing Industries
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: SC98, M.1960, M.1970, M.1980
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
323119	281
323115	281
323114	281
323114	0
323116	281

Company Name	Year of Operation
DOUBLE L PRINTERS	c. 2001
Double L Printers	c. 1970-1998

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	040170155	Y	Y

Activity ID: 3599 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :** 3202

Related PINS: 040170155

Name: CLARENCE WRIGHT MOTORS LIMITED
Address: RICHMOND ROAD, OTTAWA
Facility Type: Motor Vehicle Repair Shops
Comments 1: Also with a listing on Danforth Ave. (west of #389)
Comments 2: 394-396
Generator Number:
Storage Tanks:
HL References 1: M.1960, M.1970, M.1980, BEP 1950
HL References 2:
HL References 3:

NAICS	SIC
811121	635
811119	635
811112	635

Company Name	Year of Operation
Clarence Wright Motors Ltd.	c. 1960
Unnamed Garage/Auto Repairs	c. 1950
Archie MacDonald Ltd. New and Used Cars	c. 1970

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	040170155	Y	Y

Activity ID: 6160 **Multiple PINS:** N

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

Related PINS: 040170155

Name: GRAHAM HARVEY MSW MEDIATION & COUNSELLING SERVIC
Address: 411 ROOSEVELT AVENUE, OTTAWA
Facility Type: Other Trade Work
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
562910	0

Company Name	Year of Operation
GRAHAM HARVEY MSW MEDIATION & COUNSELLING SERVIC	c. 2001

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Certificate of Analysis

Paterson Group Consulting Engineers

154 Colonnade Road South
Nepean, ON K2E 7J5
Attn: Mark D'Arcy

Client PO: 23724
Project: PE4046
Custody: 116598

Report Date: 10-Apr-2018
Order Date: 6-Apr-2018

Order #: 1814460

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
1814460-01	MW17-1

Approved By: Mark Foto

Mark Foto, M.Sc.
Lab Supervisor

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 23724

Report Date: 10-Apr-2018
Order Date: 6-Apr-2018
Project Description: PE4046

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 624 - P&T GC-MS	6-Apr-18	6-Apr-18
PHC F1	CWS Tier 1 - P&T GC-FID	6-Apr-18	6-Apr-18
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	9-Apr-18	9-Apr-18

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 23724

Report Date: 10-Apr-2018

Order Date: 6-Apr-2018

Project Description: PE4046

	Client ID:	MW17-1	-	-	-
	Sample Date:	04/05/2018 09:00	-	-	-
	Sample ID:	1814460-01	-	-	-
	MDL/Units	Water	-	-	-
Volatiles					
Benzene	0.5 ug/L	<0.5	-	-	-
Ethylbenzene	0.5 ug/L	<0.5	-	-	-
Toluene	0.5 ug/L	<0.5	-	-	-
m,p-Xylenes	0.5 ug/L	<0.5	-	-	-
o-Xylene	0.5 ug/L	<0.5	-	-	-
Xylenes, total	0.5 ug/L	<0.5	-	-	-
Toluene-d8	Surrogate	108%	-	-	-
Hydrocarbons					
F1 PHCs (C6-C10)	25 ug/L	<25	-	-	-
F2 PHCs (C10-C16)	100 ug/L	<100	-	-	-
F3 PHCs (C16-C34)	100 ug/L	<100	-	-	-
F4 PHCs (C34-C50)	100 ug/L	<100	-	-	-

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 23724

Report Date: 10-Apr-2018
Order Date: 6-Apr-2018
Project Description: PE4046

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L						
F2 PHCs (C10-C16)	ND	100	ug/L						
F3 PHCs (C16-C34)	ND	100	ug/L						
F4 PHCs (C34-C50)	ND	100	ug/L						
Volatiles									
Benzene	ND	0.5	ug/L						
Ethylbenzene	ND	0.5	ug/L						
Toluene	ND	0.5	ug/L						
m,p-Xylenes	ND	0.5	ug/L						
o-Xylene	ND	0.5	ug/L						
Xylenes, total	ND	0.5	ug/L						
Surrogate: Toluene-d8	*83.1*		*ug/L*		*104*	*50-140*			

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 23724

Report Date: 10-Apr-2018
Order Date: 6-Apr-2018
Project Description: PE4046

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L	ND				30	
Volatiles									
Benzene	ND	0.5	ug/L	ND				30	
Ethylbenzene	ND	0.5	ug/L	ND				30	
Toluene	ND	0.5	ug/L	ND				30	
m,p-Xylenes	ND	0.5	ug/L	ND				30	
o-Xylene	ND	0.5	ug/L	ND				30	
Surrogate: Toluene-d8	*84.8*		*ug/L*		*106*	*50-140*			

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 23724

Report Date: 10-Apr-2018
Order Date: 6-Apr-2018
Project Description: PE4046

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	2060	25	ug/L		103	68-117			
F2 PHCs (C10-C16)	1750	100	ug/L		97.3	60-140			
F3 PHCs (C16-C34)	3130	100	ug/L		84.0	60-140			
F4 PHCs (C34-C50)	2360	100	ug/L		95.4	60-140			
Volatiles									
Benzene	33.0	0.5	ug/L		82.6	60-130			
Ethylbenzene	38.4	0.5	ug/L		95.9	60-130			
Toluene	33.0	0.5	ug/L		82.5	60-130			
m,p-Xylenes	76.0	0.5	ug/L		95.0	60-130			
o-Xylene	37.7	0.5	ug/L		94.2	60-130			
Surrogate: Toluene-d8	*79.5*		*ug/L*		*99.4*	*50-140*			

Qualifier Notes:

None

Sample Data Revisions

None

Work Order Revisions / Comments:

None

Other Report Notes:

n/a: not applicable
ND: Not Detected
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

CCME PHC additional information:

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.

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Paracel ID: 1814460

Chain of Custody (Lab Use Only) № 116598

Page 1 of 1

Client Name: Paterson Group	Project Reference: PE4046
Contact Name: Mark D'Arcy	Quote #
Address: 154 Colonnade Rd. S Ottawa	PO # 23724
Telephone: 613-226-7381	Email Address: mdarcy@patersongroup.ca

Turnaround Time: □ 1 Day □ 3 Day □ 2 Day ☑ Regular

Date Required:

Criteria: ☑ O. Reg. 153/04 (As Amended) Table __ □ RSC Filing □ O. Reg. 558/00 □ PWQO □ CCME □ SUB (Storm) □ SUB (Sanitary) Municipality: ______ □ Other: ______

Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)

Paracel Order Number: 1814460

Required Analyses

	Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken Date	Sample Taken Time	PHCs F1-F4+BTEX	VOCs	PAHs	Metals by ICP	Hg	CrVI	B (HWS)							
1	MW17-1	GW		3	Apr 3/18		✓													
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Should read april 5th as per arg. [illegible] april 6, 18

Comments: Sample date on PHC + a VOC's read = APR 05, 2018.

Method of Delivery: Paracel

Relinquished By (Sign): [signature]	Received by Driver/Depot: T. Keane	Received at Lab: [illegible]	Verified By: [signature]
Relinquished By (Print):	Date/Time: 06/04/18 10:00	Date/Time: APR 06, 2018 11.46	Date/Time: Apr 6/18 12:37
Date/Time:	Temperature: °C AM	Temperature: 6.1 °C	pH Verified [ ] By: N/A

Follow the **COVID-19 restrictions and public health measures (https://covid-19.ontario.ca/public-health-measures)** and **book your appointment to get vaccinated (https://covid-19.ontario.ca/book-vaccine/)** .

Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records) .

Go Back to Map ()

Well ID

Well ID Number: 7211100
Well Audit Number: *C21776*
Well Tag Number: *A093256*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 442931.00 Northing: 5028282.00
Municipal Plan and Sublot Number	

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed

Method of Construction & Well Use

Method of Construction	Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7303

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter

Audit Number: C21776

Date Well Completed: October 02, 2013

Date Well Record Received by MOE: November 12, 2013

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: October 18, 2021
Published: March 20, 2014

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Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records) .

Go Back to Map ()

Well ID

Well ID Number: 7242495
Well Audit Number: *C22563*
Well Tag Number: *A142470*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 442954.00 Northing: 5028231.00
Municipal Plan and Sublot Number	

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed

Method of Construction & Well Use

Method of Construction	Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter

Audit Number: C22563

Date Well Completed: March 18, 2014

Date Well Record Received by MOE: June 05, 2015

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: October 18, 2021
Published: March 20, 2014

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Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records) .

Go Back to Map ()

Well ID

Well ID Number: 7357175
Well Audit Number: *C47018*
Well Tag Number: *A215123*
This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	NEPEAN TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 442928.00 Northing: 5028222.00
Municipal Plan and Sublot Number	

Other

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed

Method of Construction & Well Use

Method of Construction	Well Use

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7328

Results of Well Yield Testing

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind

Hole Diameter

Depth From	Depth To	Diameter

Audit Number: C47018

Date Well Completed: March 02, 2020

Date Well Record Received by MOE: April 23, 2020

Related

How to use a Ministry of the Environment map (/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: October 18, 2021
Published: March 20, 2014

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Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☑ Imperial

Well A 093256 (...t Below)

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	Hydra One		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
483 Bay St.	Toronto	ON	M5G2P5	4163455000

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
172 Carruthers St.			

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa.		Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	444928	5028244		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Grey	limestone (crushed)	Sand.	Packed / Dry	0	3'
Grey	limestone		Bedrock.	3'	20'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1'	Concrete	
1'	10'	Bentonite Slurry	
10'	13'	Bentonite Chips.	
13'	20'	Silica Sand.	

Method of Construction

☐ Cable Tool ☑ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☐ Other, *specify*

Well Use

☐ Public ☐ Commercial ☐ Not used ☐ Domestic ☐ Municipal ☐ Dewatering ☐ Livestock ☐ Test Hole ☑ Monitoring ☐ Irrigation ☐ Cooling & Air Conditioning ☐ Industrial ☐ Other, *specify*

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	To
3"	Plastic	.25"	0	10'

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
3.5"	Plastic	.010	10'	20'

Status of Well

☐ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, *specify* ☐ Other, *specify*

Water Details

Water found at Depth (m/ft)	Gas	Kind of Water	Other, specify
	☐	☐ Fresh ☐ Untested	
	☐	☐ Fresh ☐ Untested	
	☐	☐ Fresh ☐ Untested	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	20'	5.5"

Results of Well Yield Testing

After test of well yield, water was: ☐ Clear and sand free ☐ Other, *specify*

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

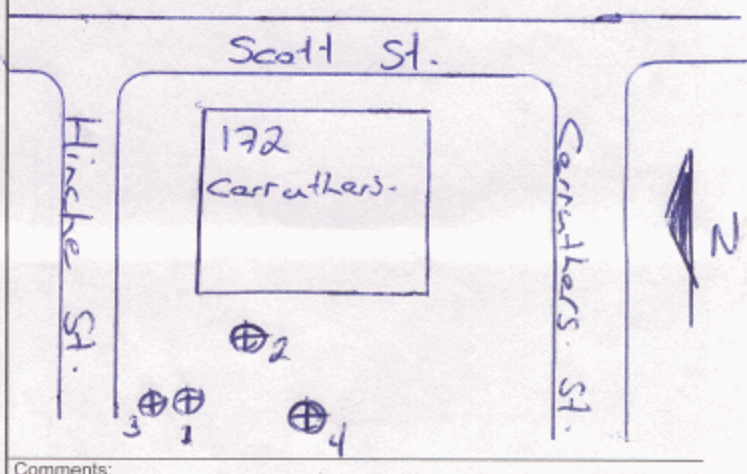
Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

Draw Down Time (min)	Water Level (m/ft)	Recovery Time (min)	Water Level (m/ft)
Static Level		1	
1		2	
2		3	
3		4	
4		5	
5		10	
10		15	
15		20	
20		25	
25		30	
30		40	
40		50	
50		60	
60			

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Walker Drilling Ltd.	7201

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
5409 25th Sdrd.	Utopia.	ON	L0M1T0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
7054243423	BIGELOW, BRIAN	3188		2010041 6

Well owner's information package delivered: ☐ Yes ☐ No

Date Package Delivered: YYYY MM DD

Date Work Completed: 2010041 6

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Audit No. Z 84151

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Ontario — Ministry of the Environment

Well Tag No. for Master Well *(Print Well Tag No.)*: A093256

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Property Owner's Information

First Name	Last Name	Mailing Address (Street No./Name, RR)	Municipality
Hydro One.		483 Bay St.	Toronto

Province	Postal Code	E-mail Address	Telephone No. (inc. area code)
ON.	M5G 2P5		4164455000

[redacted]

upon request

Signature of Technician/Contractor	Date *(yyyy/mm/dd)*

Cluster Well Information

Address of Well Location (Street Number/Name, RR)	Lot	Concession	Township	County/District/Municipality
172 Carruthers.				Ottawa.

City/Town/Village	Province	Postal Code	GPS Unit Make	Model	Unit Mode of Operation
	Ontario		Magellan	500	☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify:

Well # on Sketch	UTM Coordinates Zone	Easting	Northing	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres) From	To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion *(yyyy/mm/dd)*
2	18	442933	5028244	20'	5.5"	Diamond	Plastic	10'	10'	20'	Bentonite slurry	/	/	/	2010/04/15.
3	18	442926	5028242	20'	5.5"	"	"	10'	10'	20'	"	/	/	/	2010/04/15
4	18	442931	5028240	40'	"	"	"	35'	35'	40'	"	/	/	/	2010/04/16

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
Walker Drilling Ltd.	5409 25th Sdrd.	Utopia	ON.

Postal Code	Business Telephone No. *(inc. area code)*	Well Contractor's Licence No.	Business E-mail Address
L0M 1T0	7054243423	7201	

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Date Submitted *(yyyy/mm/dd)*	Signature of Technician
BRIAN BIGELOW	3188	2010 04 16	

Date 1st Well in Cluster Constructed *(yyyy/mm/dd)*	Date Last Well in Cluster Constructed *(yyyy/mm/dd)*
2010/04/14	2010/04/16

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Date Received *(yyyy/mm/dd)*	Date Inspected *(yyyy/mm/dd)*
MAY 21 2010	
Audit No. C 01780	**Remarks** 284151

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Ontario Ministry of the Environment

Well Tag No. *(Place Sticker and/or Print Below)* A 087255

Well Record

Regulation 903 Ontario Water Resources Act

[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
46 Merton Avenue			

County/District/Municipality	City/Town/Village	Province	Postal Code
	OTTAWA	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	446316	5028267		

Overburden and Bedrock Materials/Abandonment Sealing Record *(see instructions on the back of this form)*

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
B/K	Topsoil	Sand		0	.91
Brwn	Sand	Silt		.91	3.1
Gry	Sand			3.1	4.27

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.91	Manumet Casing.	
0	.91	3/8" Bentonite chips	
.91	4.27	#2 Sand.	

Method of Construction

- [ ] Cable Tool
- [ ] Rotary (Conventional)
- [ ] Rotary (Reverse)
- [ ] Boring
- [X] Air percussion
- [ ] Other, *specify*
- [ ] Diamond
- [ ] Jetting
- [ ] Driving
- [ ] Digging

Well Use

- [ ] Public
- [ ] Domestic
- [ ] Livestock
- [ ] Irrigation
- [ ] Industrial
- [ ] Other, *specify*
- [ ] Commercial
- [ ] Municipal
- [X] Test Hole
- [ ] Cooling & Air Conditioning
- [ ] Not used
- [ ] Dewatering
- [X] Monitoring

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.2	plastic	.39	0	1.22

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
6.03	plastic	10	1.22	4.27

Status of Well

- [ ] Water Supply
- [ ] Replacement Well
- [X] Test Hole
- [ ] Recharge Well
- [ ] Dewatering Well
- [X] Observation and/or Monitoring Hole
- [ ] Alteration (Construction)
- [ ] Abandoned, Insufficient Supply
- [ ] Abandoned, Poor Water Quality
- [ ] Abandoned, other, *specify*
- [ ] Other, *specify*

Water Details

Water found at Depth (m/ft)	Gas	Kind of Water: Fresh	Untested	Other, *specify*
Water found at Depth (m/ft)	Gas	Kind of Water: Fresh	Untested	Other, *specify*
Water found at Depth (m/ft)	Gas	Kind of Water: Fresh	Untested	Other, *specify*

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	4.27	11.43

Results of Well Yield Testing

After test of well yield, water was:
- [ ] Clear and sand free
- [ ] Other, *specify*

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

Final water level end of pumping *(m/ft)*

If flowing give rate *(l/min / GPM)*

Recommended pump depth *(m/ft)*

Recommended pump rate *(l/min / GPM)*

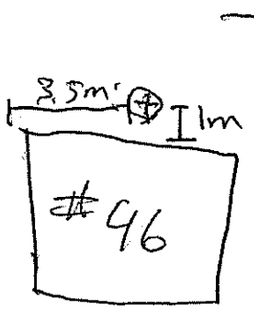
Well production *(l/min / GPM)*

Disinfected? [ ] Yes [ ] No

Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Map of Well Location

Please provide a map below following instructions on the back.



Merton Avenue

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata Soil Sampling	7214

Business Address (Street Number/Name)	Municipality
147-2 West Beaver Creek Rd.	Richmond Hill

Province	Postal Code	Business E-mail Address
Ontario	L4B1C6	wrecords@strata-soil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
905 764 9304	Beatty, Brian

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3161		2012/02/07

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [ ] No		2012/01/26

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Ontario Ministry of the Environment

Well Record for Well Cluster - Part 1 of 3

(Only for Multiple Test Holes or Dewatering Wells)

Regulation 903 Ontario Water Resources Act

Page 1 of 1

All measurements recorded in: ☒ Metric ☐ Imperial

Follow instructions on the front and back of this form. Print or Type

Well Tag No. of Deepest Well: *(Print Well Tag No.)* A140392

Well # on Drawing of Deepest Well: BH3 TAGGED

Well Cluster Location Information

Address of Well Location (Street Number(s)/Name(s), RR, if available)	Lot(s)	Concession(s)	Geographic Township	County/District/Upper Tier Municipality
12 STIRLING AVENUE				

City, Town, Village or Hamlet	Province	GPS Unit Make	Model	Unit Mode of Operation
OTTAWA	Ontario	GARMIN	ETREX	☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify:

Mandatory Attachments/Additional Information

☒ Land Owner Consent Form must be attached.

☒ Detailed Drawing of All Well Locations must be attached.

I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or ~~control related~~ to any well in the well cluster that I have constructed.

Signature of Technician/Contractor — Date (yyyy/mm/dd)

Well Details

Well # on Drawing	UTM Coordinates Zone	Easting	Northing	Hole Depth (m/ft)	Hole Diameter (cm/in)	Method of Construction	Casing Material; Diameter (cm/in)	Casing (m/ft) From	Casing (m/ft) To	Screen Interval (m/ft) From	Screen Interval (m/ft) To	Annular Space Material (m/ft) From	Annular Space Material (m/ft) To	Annular Space Material:	Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)
BH1	18	442963	5028284	12.57	10.16	HQ/HW	5.08	0	9.6	9.6	12.57	0	0.4	BENTONITE	GREY LIMESTONE, MUD SEAM AT 7m	5.0	2012/02/15
BH2	18	442980	5028258	12.65	10.16	HQ/HW	5.08	0	9.6	9.6	12.65	0	0.4	BENTONITE	GREY LIMESTONE, MUD SEAM AT 9m	5.02	2012/02/19
BH3	18	443014	5028324	12.63	10.16	HQ/HW	5.08	0	9.6	9.6	12.63	0	0.4	BENTONITE	BROWN SAND, GREY LIMESTONE, MUD SEAM 2m	8.2	2012/02/20

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
EASTERN ONTARIO DIAMOND DRILLING	3780 COUNTY RD 17, PO BOX 33	HAWKESBURY	ON

Postal Code	Bus. Telephone No.	Well Contractor's Licence No.	Business E-mail Address
K6A 2R4	(613) 632 7769	7328	~~eastern~~ontariodiamond@hawk.igs.net

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Signature of Well Technician	Date Submitted (yyyy/mm/dd)
STEPHEN DOWNING	3326		

Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)	Date Last Well in Cluster Completed (yyyy/mm/dd)
2012/02/15	2012/02/20

Well Abandonment

Person Abandoning the Wells:

Name 12 STIRLING INC.

(Print or Type) - See instruction 11 on the back of this form

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Date Received (yyyy/mm/dd)	Audit No.
MAR 20 2013	C 21234

Comments:

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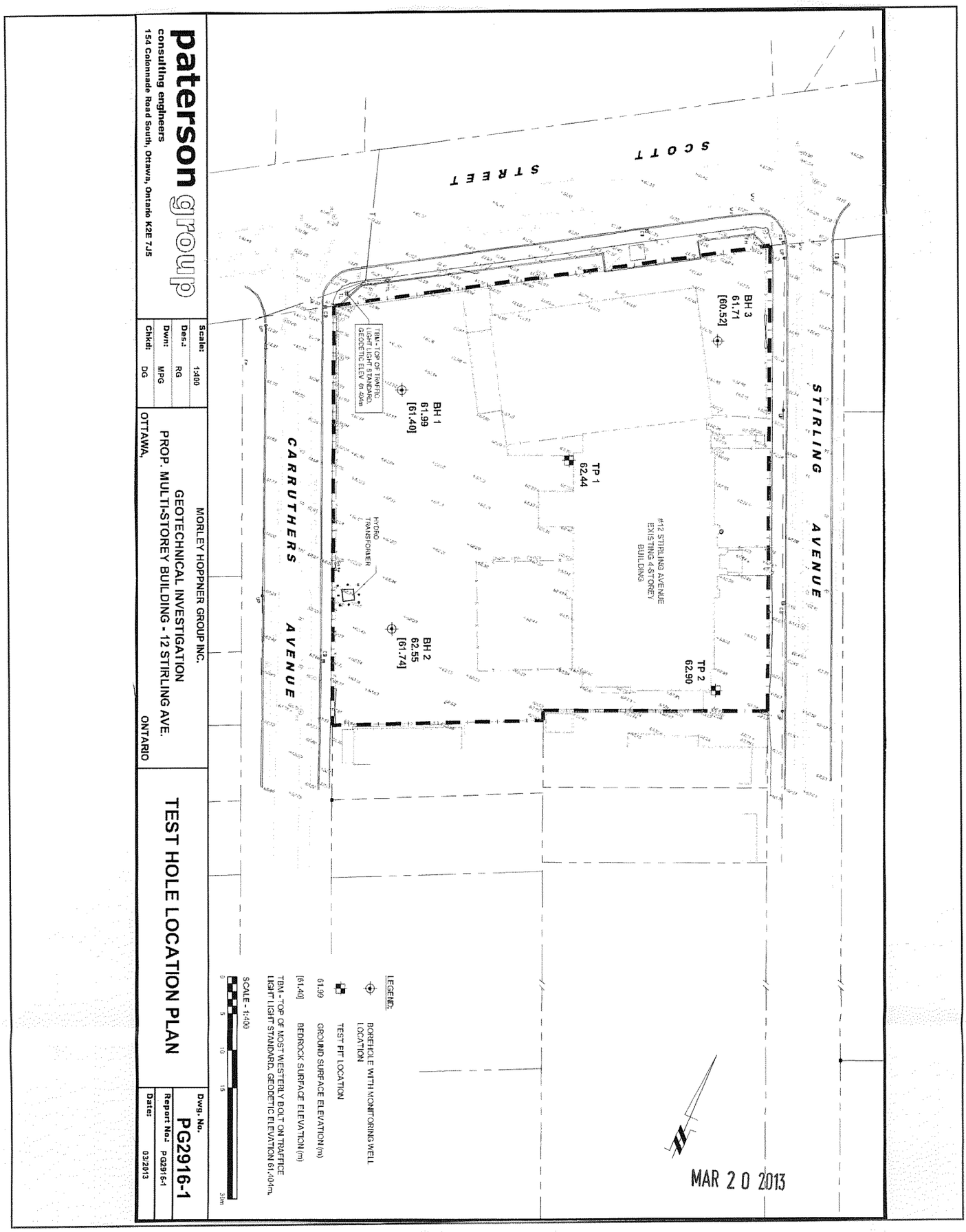
Well Record for Well Cluster - Part 3 of 3
Detailed Drawing of All Well Locations

Note: This **Well Record for Well Cluster Part 3 - Detailed Drawing of all Well Locations,** must be attached to Parts 1 and 2. The drawing must include all property boundaries, an arrow indicating the North direction, all named roads and sufficient measurements to locate all wells in the cluster in relation to fixed points. The drawing must show the location of each well and each well must be numbered on the drawing to match number used for that well on the **Well Record for Well Cluster Parts 1 and 2.** The well with the well tag must be clearly identified on the Drawing.
UTM coordinates should appear beside each well, if space permits. Additional comments on wells can be included on the drawing

Well Tag Number: # A140392

"Well Record for Well Cluster" Form Audit Number: # C21234



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Ontario Ministry of the Environment

Well Record for Well Cluster - Part 1 of 3

(Only for Multiple Test Holes or Dewatering Wells)

Regulation 903 Ontario Water Resources Act

All measurements recorded in: [X] Metric [ ] Imperial

Follow instructions on the front and back of this form. Print or Type

Well Tag No. of Deepest Well: *(Print Well Tag No.)* A140392

Well # on Drawing of Deepest Well: BH3 TAGGED

Page 1 of 1

Well Cluster Location Information

Address of Well Location (Street Number(s)/Name(s), RR, if available)	Lot(s)	Concession(s)	Geographic Township	County/District/Upper Tier Municipality
129 STIRLING AVENUE				

City, Town, Village or Hamlet	Province	GPS Unit Make	Model	Unit Mode of Operation
OTTAWA	Ontario	GARMIN	ETREX	[ ] Undifferentiated [X] Averaged [ ] Differentiated, specify:

Mandatory Attachments/Additional Information

[X] Land Owner Consent Form must be attached.

[X] Detailed Drawing of All Well Locations must be attached

I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control relating to any well in the well cluster that I have constructed.

Signature of Technician/Contractor | Date (yyyy/mm/dd)

Well Details

Well # (on Drawing)	UTM Coordinates Zone	Easting	Northing	Hole Depth (m/ft)	Hole Diameter (cm/in)	Method of Construction	Casing Material, Diameter (cm/in)	Casing (m/ft) From	Casing (m/ft) To	Screen Interval (m/ft) From	Screen Interval (m/ft) To	Annular Space Material (m/ft) From	Annular Space Material (m/ft) To	Annular Space Material (m/ft) Material	Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)
BH1	18	442963	5028284	12.57	10.16	HQ/HW	5.08	0	9.6	9.6	12.57	0	0.4	BENTONITE	GREY LIMESTONE, MUD SEAM AT 9m	5.0	2013/02/15
BH2	18	442980	5028258	12.65	10.16	HQ/HW	5.08	0	9.6	9.6	12.65	0	0.4	BENTONITE	GREY LIMESTONE, MUD SEAM AT 9m	5.07	2013/02/19
BH3	18	443014	5028324	12.63	10.16	HQ/HW	5.08	0	9.6	9.6	12.63	0	0.4	BENTONITE	BROWN SAND, GREY LIMESTONE, MUD SEAM 2m	8.2	2013/02/25

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
EASTERN ONTARIO DIAMOND DRILLING	3780 COUNTY RD 17, PO BOX 33	HAWKESBURY	ON

Postal Code	Bus. Telephone No.	Well Contractor's Licence No.	Business E-mail Address
K6A 2R1	(613)632 7769	7328	easternontariodiamonddrilling@hawkings.net

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Signature of Well Technician	Date Submitted (yyyy/mm/dd)
STEPHEN DOWNING	3321		2013/03/26

Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)	Date Last Well in Cluster Completed (yyyy/mm/dd)
2013/02/15	2013/02/20

Well Abandonment

Person Abandoning the Wells:

Name: 12 STIRLING INC.
(Print or Type) - See instruction 31 on the back of this form

Ministry Use Only

Date Received (yyyy/mm/dd)	Audit No.
MAR 27 2013	C 21234

Comments:

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Ministry's Copy

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:** 398, 402 and 406 Roosevelt Ave, Ottawa

** Mandatory Field*

Applicant/Agent Information:

Name: Mandy Witteman

Mailing Address: 154 Colonnade Rd S

Telephone: 403-921-1157 Email Address: mwitteman@patersongroup.ca

Registered Property Owner Information: ☐ Same as above

Name: Domicile Rick, Morris

Mailing Address: 154 COlonnade Rd S

Telephone: Email Address: Rick Morris <rick@domicile.ca>

Site Details

Legal Description and PIN:

What is the land currently used for? residential

Lot frontage: m Lot depth: m Lot area: m²

OR Lot area: (irregular lot) 1390 m²

Does the site have Full Municipal Services: (x) Yes ( ) No

Required Fees

Please don't hesitate to visit the Historic Land Use Inventory website more information. Fees must be paid in full at the time of application submission.

Planning Fee	$132.00

Submittal Requirements

The following are required to be submitted with this application:

1. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
3. **A site plan or key plan of the property, its location and particular features.**
4. **Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI 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.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed:

Dated (dd/mm/yyyy): 16/03/2022

Per: Mandy Witteman
(Please print name)

Title: Eng. Consultant

Company: Paterson Group

patersongroup

Consulting Engineers

154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
Tel: (613) 226-7381
Fax: (613) 226-6344

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

September 25, 2017
File: PE4046-HLUI

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
398, 402, and 406 Roosevelt Avenue
Ottawa, Ontario

Dear Sir or Madame,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned properties.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner: DOMICILE DEVELOPMENTS. INC.

Name of Representative DAVID RENFROE

Authorization of Representative

Date SEPT. 27, 2017

DATABASE REPORT

Project Property:	*PE5677 - 398, 402 and 406 Roosevelt Ave* *PE5677 - 398, 402 and 406 Roosevelt Ave* *Ottawa ON K2A 1Z3*
Project No:	*33598*
Report Type:	*Standard Report*
Order No:	*22031700041*
Requested by:	*Paterson Group Inc.*
Date Completed:	*March 22, 2022*

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

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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

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Executive Summary

Property Information:

Project Property:	*PE5677 - 398, 402 and 406 Roosevelt Ave* *PE5677 - 398, 402 and 406 Roosevelt Ave Ottawa ON K2A 1Z3*
Project No:	*33598*

Coordinates:

Latitude:	*45.3909179*
Longitude:	*-75.7575415*
UTM Northing:	*5,026,657.00*
UTM Easting:	*440,701.55*
UTM Zone:	*18T*

Elevation:	*216 FT* *65.81 M*

Order Information:

Order No:	*22031700041*
Date Requested:	*March 17, 2022*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	9	9
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	9	9
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	7	7
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	36	36
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	4	4
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	57	57
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	4	4
PRT	Private and Retail Fuel Storage Tanks	Y	0	2	2
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	3	3
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	6	6
SPL	Ontario Spills	Y	0	16	16
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	11	11
	Total:		0	173	173

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	PRT	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	SSW/48.2	-0.02	42
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	SSW/48.2	-0.02	42
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW/48.2	-0.02	42
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW/48.2	-0.02	43
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW/48.2	-0.02	44
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW/48.2	-0.02	44
1	EHS		415 Richmond Rd Ottawa ON K2A4H1	SSW/48.2	-0.02	45
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	45
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	45
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	45
1	DTNK	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	45
1	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	46
1	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	47
1	FST	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW/48.2	-0.02	47
2	ECA	Urban Edge Developments Corp.	385 - 387 Berkley Ave Lot 26, Ref. Plan 270 Ottawa ON K2G 2L1	WNW/57.4	-0.94	48
3	GEN	TUBMAN FUNERAL HOMES	403 RICHMOND RD OTTAWA ON K2A 0E9	E/59.1	0.95	48
3	GEN	TUBMAN FUNERAL HOMES 44-171	403 RICHMOND RD OTTAWA ON K2A 0E9	E/59.1	0.95	48
3	GEN	TUBMAN FUNERAL HOMES	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	49
3	GEN	J.A. TUBMAN FUNERAL HOMES LIMITED	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	49
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	49
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	50
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	50
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	51
3	EHS		403 Richmond Rd Ottawa ON K2A0E9	E/59.1	0.95	51
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON	E/59.1	0.95	51
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	51
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	52
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	52
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	52
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	53
3	EHS		403 Richmond Road Ottawa ON K2A 0E9	E/59.1	0.95	53
3	GEN	TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E/59.1	0.95	53
3	EHS		403 Richmond Road Ottawa ON K2A 0E9	E/59.1	0.95	53
3	EHS		403 Richmond Road Ottawa ON K2A 0E9	E/59.1	0.95	54
3	EHS		403 Richmond Road Ottawa ON K2A 0E9	E/59.1	0.95	54

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	CA	OTTAWA CITY - DOMINION ST.	BERKLEY AVE./TAY STREET OTTAWA CITY ON	W/65.2	-1.24	54
5	EHS		401 Richmond Road Ottawa ON K2A 0E9	ENE/66.2	0.98	54
5	WWIS		401 RICHMOND RD Ottawa ON ***Well ID:*** 7180984	ENE/66.2	0.98	54
6	EHS		389 Roosevelt Ave Ottawa ON K2A1Y9	NE/66.3	1.14	58
7	GEN	Tall Tree Technologies Inc.	422 B Richmond Rd Ottawa ON K2A 0G2	SSE/70.5	1.06	58
8	SCT	KETCHUM MANUFACTURING INC.	396 BERKLEY AVE OTTAWA ON K2A 2G6	WSW/71.7	-0.94	58
8	GEN	KETCHUM MANUFACTURING	396 BERKLEY AVENUE OTTAWA ON K2A 2G6	WSW/71.7	-0.94	59
8	SCT	Ketchum Manufacturing Inc.	396 Berkley Ave Ottawa ON K2A 2G6	WSW/71.7	-0.94	59
8	RSC	The Exchange Inc.	396 BERKLEY AVE, OTTAWA, ON, K2A 2G6 Ottawa ON K2A 2G6	WSW/71.7	-0.94	59
9	PES	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A 0G2	SE/85.9	1.36	60
9	PES	J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A4C4	SE/85.9	1.36	60
9	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE/85.9	1.36	61
9	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE/85.9	1.36	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE/85.9	1.36	61
9	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE/85.9	1.36	62
9	GEN	J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE/85.9	1.36	62
10	SCT	Simply Wood Furnishings Ltd.	393A Richmond Rd Ottawa ON K2A 0E9	E/90.7	2.01	62
10	GEN	Mike Steinberg	393-401 Richmond Road Ottawa ON K2A 0E9	E/90.7	2.01	62
10	SCT	Simply Wood Furnishings	393A Richmond Rd Ottawa ON K2A 0E9	E/90.7	2.01	63
11	EHS		427 Richmond Road Ottawa ON K2A 4C9	SSW/93.6	0.15	63
12	BORE		ON	WSW/96.0	-1.24	63
13	WWIS		ON ***Well ID:*** 1510536	WSW/96.2	-1.24	64
14	EHS		411 Roosevelt Avenue Ottawa ON K2A 3X9	ESE/96.6	2.00	68
14	GEN	DISTRICT REALTY	411 ROOSEVELT AVENUE OTTAWA ON K2A3X9	ESE/96.6	2.00	68
15	RSC	Bourk's Property Management Limited	575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4	SSE/97.0	1.36	68
15	GEN	Burke Family Properties	575 Byron Ave Ottawa ON K2A 4C4	SSE/97.0	1.36	69

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	ECA	Bourke Family Development Inc.	430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	S/101.8	1.06	70
17	PINC	JEANNINE T KNIGHTON	377 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA ON	N/102.4	0.06	70
17	SPL	Enbridge Gas Distribution Inc.	377 Roosevelt Ave Ottawa ON	N/102.4	0.06	70
18	PRT	BOURKS IGNITION LTD	426 RICHMOND RD OTTAWA ON K2A 0G2	SSW/103.5	0.15	71
19	INC		420 Berkley Avenue, Ottawa ON	SW/116.4	-1.24	71
20	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE/116.8	1.59	72
20	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE/116.8	1.59	72
20	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE/116.8	1.59	72
20	EHS		397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE/116.8	1.59	72
21	RSC	Bourk's Property Management Limited	401 Golden Avenue, Ottawa, Ontario OTTAWA ON K2A 1H4	SSW/130.0	0.15	72
21	CA	Bourke Family Development Inc.	401 Golden Ave Ottawa ON K2A 1H4	SSW/130.0	0.15	73
21	ECA	Bourke Family Development Inc.	401 Golden Ave Ottawa ON K2A 0G2	SSW/130.0	0.15	73
21	GEN	City of Ottawa, OC Transpo	401 Golden Avenue Ottawa ON K2A 1H4	SSW/130.0	0.15	74

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	SCT	Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	NE/130.6	1.02	74
23	GEN	PSL MECHANICAL	445 Richmond Road Ottawa ON K2A 4C9	WSW/131.5	-1.97	74
24	SPL	PRIVATE RESIDENCE	HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON K2A 0E1	ESE/134.7	2.97	74
25	CA	OTTAWA CITY	BYRON AVE./ROOSEVELT AVE. OTTAWA CITY ON	SE/135.3	3.08	75
26	PINC	TAVORA STONE ART INC	370 BERKLEY AVE,,OTTAWA,ON,K2A 2G7,CA ON	WNW/137.2	-1.94	75
26	SPL		370 Berkley Ave Ottawa ON	WNW/137.2	-1.94	76
27	SPL	ESSO PETROLEUM CANADA	ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON	SSE/139.3	1.95	76
28	SPL		386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	E/143.2	2.04	77
28	EHS		386 Richmond Rd Ottawa ON K2A0E8	E/143.2	2.04	77
28	EHS		386 Richmond Rd Ottawa ON K2A0E8	E/143.2	2.04	77
28	GEN	Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	E/143.2	2.04	78
29	SPL	BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	E/147.2	3.12	78
29	SPL	PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	E/147.2	3.12	78

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
29	SPL	PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	E/147.2	3.12	79
29	SPL		388 Richmond Rd. Ottawa ON K2A 0E8	E/147.2	3.12	79
29	EHS		388 Richmond Rd Ottawa ON K2A0E8	E/147.2	3.12	80
29	WWIS		388 RICHMOND RD OTTAWA ON ***Well ID:*** 7305578	E/147.2	3.12	80
30	PINC	PIPELINE HIT 1/2"	365 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA ON	N/147.7	-0.14	83
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	84
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	84
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	84
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	84
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	85
31	EHS		574/576 Byron Avenue Ottawa ON K2A 0E4	SSE/150.5	1.88	85
32	WWIS		388 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7303999	E/151.5	3.12	85
33	SPL	O.C. TRANSPO	RICHMOND RD WESTBOUND AT GOLDEN MOTOR VEHICLE (OPERATING FLUID)	SW/153.0	-1.24	88

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			OTTAWA CITY ON			
34	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E/155.7	3.12	88
34	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E/155.7	3.12	89
34	GEN	FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E/155.7	3.12	89
35	WWIS		388 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7303998	E/156.5	3.12	89
36	CA	Carlton Condominium Corporation No. 81	370 Dominion Ave Lot 29, Concession 1 Ottawa ON	WNW/162.0	-2.85	92
36	ECA	Carlton Condominium Corporation No. 81	370 Dominion Ave Lot 29, Concession 1 Ottawa ON K2A 3X4	WNW/162.0	-2.85	92
37	EHS		380 Richmond Rd Ottawa ON K2A 0E8	E/163.3	2.17	92
38	GEN	AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	ENE/167.9	2.04	92
38	GEN	AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	ENE/167.9	2.04	93
39	WWIS		ON ***Well ID:*** 7374308	E/170.3	2.17	93
40	WWIS		380 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7198182	E/176.7	3.12	94
41	WWIS		388 RICHMOND RD OTTAWA ON ***Well ID:*** 7305577	ENE/178.1	2.02	97

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	SPL	Enbridge Gas Distribution Inc.	433 Roosevelt Ave. Ottawa ON	ESE/180.0	3.21	100
42	PINC	ENBRIDGE GAS INC	433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA ON	ESE/180.0	3.21	101
43	SPL		415 Ravenhill Avenue Ottawa ON	SE/185.0	3.00	101
44	WWIS		465 RICHMOND RD OTTAWA ON ***Well ID:*** 7163102	WSW/188.5	-3.63	102
45	GEN	JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	ENE/191.3	2.20	104
45	GEN	JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	ENE/191.3	2.20	105
46	CA		Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	SSE/195.2	2.11	105
46	CA		Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	SSE/195.2	2.11	105
47	HINC		345 BERKLEY AVENUE OTTAWA ON K2A 2G9	NW/202.7	-1.97	106
48	EHS		366 Richmond Rd Ottawa ON K2A 0E8	E/208.9	3.05	106
48	EHS		366 Richmond Rd Ottawa ON K2A 0E8	E/208.9	3.05	106
48	EHS		366 Richmond Rd Ottawa ON K2A 0E8	E/208.9	3.05	106
49	GEN	First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	ESE/211.5	4.11	107

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON	E/216.8	3.05	107
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	107
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	107
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	107
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	108
50	GEN	Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	108
50	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	108
50	GEN	Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	E/216.8	3.05	109
50	PES	MOUNTAIN EQUIPMENT CO-OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	E/216.8	3.05	109
50	PES	MEC MOUNTAIN EQUIPMENT COMPANY LTD.	366 RICHMOND RD OTTAWA ON K2A 0E8	E/216.8	3.05	110
50	EHS		366 Richmond Rd Ottawa ON K2A 0E8	E/216.8	3.05	110
51	WWIS		379 WILMONT AVE OTTAWA ON ***Well ID:*** 7195201	S/221.1	1.06	110
52	EASR	1129029 ONTARIO INC.	465 RICHMOND RD OTTAWA ON K2A 1Z1	W/222.7	-5.00	112

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	GEN	Watters Environmental	465 Richmond Rd Ottawa ON	W/222.7	-5.00	113
52	GEN	Watters Environmental	465 Richmond Rd Ottawa ON K2A 1Z1	W/222.7	-5.00	113
53	EHS		363 Madison Ave Ottawa ON K2A0B6	NE/225.7	1.04	113
54	EHS		PE543x- 522 Lower Byron Avenue Ottawa ON K2A 0E3	ESE/226.1	4.08	113
55	EHS		342 Roosevelt Ave Ottawa ON K2A1Z3	NNW/230.9	-1.96	114
56	ECA	The Corporation of the City of Ottawa	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON K1N 5A1	S/234.7	0.01	114
57	SPL	PRIVATE OWNER	454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SE/239.3	3.99	114
58	CA	MACLEAN HUNTER CABLE TV LIMITED	475 RICHMOND ROAD WEST OTTAWA CITY ON	WSW/240.7	-3.24	115
58	CA	ROGERS OTTAWA LIMITED	475 RICHMOND RD., LOT 29/C-1 OTTAWA CITY ON K2A 3Y8	WSW/240.7	-3.24	115
58	EBR	Rogers Ottawa Limited	475 Richmond Road, Lot 29, Parts 1 & 2, Concession 1 CITY OF OTTAWA ON	WSW/240.7	-3.24	115
58	GEN	ROGERS OTTAWA LTD.	475 RICHMOND ROAD OTTAWA ON K2A 3Y8	WSW/240.7	-3.24	116
58	EHS		475 Richmond Road Ottawa ON K2A 3Y8	WSW/240.7	-3.24	116
58	GEN	ROGERS TELEVISION	475 RICHMOND ROAD OTTAWA ON K2A 3Y8	WSW/240.7	-3.24	116

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
58	CA	Rogers Communications Inc.	475 Richmond Rd Ottawa ON K2A 3Y8	WSW/240.7	-3.24	116
58	GEN	Rogers Communications Inc.	475 Richmond Road Ottawa ON K2A 3Y8	WSW/240.7	-3.24	117
58	SPL	BLJC Facility Management Services<UNOFFICIAL>	475 Richmond Road Ottawa ON	WSW/240.7	-3.24	117
58	ECA	Rogers Communications Inc.	475 Richmond Rd Ottawa ON M4W 1G9	WSW/240.7	-3.24	117
58	SPL	Tomlinson Environmental Services Ltd	475 Richmond Rd Ottawa ON	WSW/240.7	-3.24	118
58	ECA	Rogers Communications Inc.	475 Richmond Rd Ottawa ON M4Y 2Y5	WSW/240.7	-3.24	118
58	GEN	Rogers Communications	475 Richmond Rd Ottawa ON K2A 3Y8	WSW/240.7	-3.24	118
59	WWIS		345 RAVENHURST AVE. WELL #1 Ottawa ON ***Well ID:*** 7218236	ESE/241.0	4.35	119
60	GEN	VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	E/242.2	3.02	121
60	GEN	1534244 Ontario Inc	358 Richmond Road Ottawa ON	E/242.2	3.02	121
61	SPL	PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	E/244.8	4.01	121
62	EHS		356 Richmond Road Ottawa ON K2A 0E8	ENE/247.0	3.02	122
62	EHS		356 Richmond Road Ottawa ON	ENE/247.0	3.02	122

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
63	SCT	Fendor Glass & Aluminum Inc.	335 Roosevelt Ave Ottawa ON K2A 1Y9	NNW/247.7	-1.63	122
63	GEN	OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW/247.7	-1.63	123
63	GEN	OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW/247.7	-1.63	123
63	GEN	OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW/247.7	-1.63	123
63	GEN	OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW/247.7	-1.63	124
63	EHS		335 Roosevelt Ave Ottawa ON K2A 1Y9	NNW/247.7	-1.63	124
64	EHS		Byron Ottawa ON	E/249.6	4.08	124

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	96.00	12

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bourke Family Development Inc.	401 Golden Ave Ottawa ON K2A 1H4	SSW	129.98	21
OTTAWA CITY	BYRON AVE./ROOSEVELT AVE. OTTAWA CITY ON	SE	135.32	25
	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	SSE	195.18	46
	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON	SSE	195.18	46

Lower Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA CITY - DOMINION ST.	BERKLEY AVE./TAY STREET OTTAWA CITY ON	W	65.18	4
Carlton Condominium Corporation No. 81	370 Dominion Ave Lot 29, Concession 1 Ottawa ON	WNW	162.04	36

ROGERS OTTAWA LIMITED	475 RICHMOND RD., LOT 29/C-1 OTTAWA CITY ON K2A 3Y8	WSW	240.74	58
Rogers Communications Inc.	475 Richmond Rd Ottawa ON K2A 3Y8	WSW	240.74	58
MACLEAN HUNTER CABLE TV LIMITED	475 RICHMOND ROAD WEST OTTAWA CITY ON	WSW	240.74	58

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 9 DTNK site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1

DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Feb 28, 2022 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
1129029 ONTARIO INC.	465 RICHMOND RD OTTAWA ON K2A 1Z1	W	222.65	52

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Feb 28, 2022 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Rogers Ottawa Limited	475 Richmond Road, Lot 29, Parts 1 & 2, Concession 1 CITY OF OTTAWA ON	WSW	240.74	58

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Feb 28, 2022 has found that there are 7 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bourke Family Development Inc.	430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	S	101.81	16
Bourke Family Development Inc.	401 Golden Ave Ottawa ON K2A 0G2	SSW	129.98	21
The Corporation of the City of Ottawa	Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON K1N 5A1	S	234.68	56

Lower Elevation	Address	Direction	Distance (m)	Map Key

Urban Edge Developments Corp.	385 - 387 Berkley Ave Lot 26, Ref. Plan 270 Ottawa ON K2G 2L1	WNW	57.39	2
Carlton Condominium Corporation No. 81	370 Dominion Ave Lot 29, Concession 1 Ottawa ON K2A 3X4	WNW	162.04	36
Rogers Communications Inc.	475 Richmond Rd Ottawa ON M4W 1G9	WSW	240.74	58
Rogers Communications Inc.	475 Richmond Rd Ottawa ON M4Y 2Y5	WSW	240.74	58

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 36 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	403 Richmond Rd Ottawa ON K2A0E9	E	59.09	3
	403 Richmond Road Ottawa ON K2A 0E9	E	59.09	3
	403 Richmond Road Ottawa ON K2A 0E9	E	59.09	3
	403 Richmond Road Ottawa ON K2A 0E9	E	59.09	3
	403 Richmond Road Ottawa ON K2A 0E9	E	59.09	3
	401 Richmond Road Ottawa ON K2A 0E9	ENE	66.16	5
	389 Roosevelt Ave Ottawa ON K2A1Y9	NE	66.31	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	427 Richmond Road Ottawa ON K2A 4C9	SSW	93.64	11
	411 Roosevelt Avenue Ottawa ON K2A 3X9	ESE	96.62	14
	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE	116.81	20
	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE	116.81	20
	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE	116.81	20
	397 and 399 Winston Avenue Ottawa ON K2A 1Y8	ENE	116.81	20
	386 Richmond Rd Ottawa ON K2A0E8	E	143.19	28
	386 Richmond Rd Ottawa ON K2A0E8	E	143.19	28
	388 Richmond Rd Ottawa ON K2A0E8	E	147.21	29
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31
	574/576 Byron Avenue Ottawa ON K2A 0E4	SSE	150.50	31
	380 Richmond Rd Ottawa ON K2A 0E8	E	163.28	37
	366 Richmond Rd Ottawa ON K2A 0E8	E	208.87	48
	366 Richmond Rd Ottawa ON K2A 0E8	E	208.87	48
	366 Richmond Rd Ottawa ON K2A 0E8	E	208.87	48
	366 Richmond Rd Ottawa ON K2A 0E8	E	216.77	50
	363 Madison Ave Ottawa ON K2A0B6	NE	225.68	53
	PE543x- 522 Lower Byron Avenue Ottawa ON K2A 0E3	ESE	226.08	54
	356 Richmond Road Ottawa ON K2A 0E8	ENE	247.01	62

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	356 Richmond Road Ottawa ON	ENE	247.01	62
	Byron Ottawa ON	E	249.61	64

Lower Elevation	Address	Direction	Distance (m)	Map Key
	415 Richmond Rd Ottawa ON K2A4H1	SSW	48.24	1
	342 Roosevelt Ave Ottawa ON K2A1Z3	NNW	230.90	55
	475 Richmond Road Ottawa ON K2A 3Y8	WSW	240.74	58
	335 Roosevelt Ave Ottawa ON K2A 1Y9	NNW	247.68	63

FST - Fuel Storage Tank

A search of the FST database, dated May 31, 2021 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1

DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	SSW	48.24	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 57 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES	403 RICHMOND RD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES 44-171	403 RICHMOND RD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
J.A. TUBMAN FUNERAL HOMES LIMITED	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
TUBMAN FUNERAL HOMES AND CREMATION	403 RICHMOND ROAD OTTAWA ON K2A 0E9	E	59.09	3
Tall Tree Technologies Inc.	422 B Richmond Rd Ottawa ON K2A 0G2	SSE	70.53	7
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE	85.94	9
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE	85.94	9
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE	85.94	9
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE	85.94	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
J. Clark Pharmacy Care Ltd.	410 RICHMOND ROAD OTTAWA ON K2A 4C4	SE	85.94	9
Mike Steinberg	393-401 Richmond Road Ottawa ON K2A 0E9	E	90.67	10
DISTRICT REALTY	411 ROOSEVELT AVENUE OTTAWA ON K2A3X9	ESE	96.62	14
Burke Family Properties	575 Byron Ave Ottawa ON K2A 4C4	SSE	96.95	15
City of Ottawa, OC Transpo	401 Golden Avenue Ottawa ON K2A 1H4	SSW	129.98	21
Ottawa Carleton Construction Group Ltd.	386 Richmond Road Ottawa ON K2A 0E8	E	143.19	28
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E	155.74	34
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E	155.74	34
FREDERICK GRODDE LTD.	379 DANFORTH AVENUE OTTAWA ON K2A 0E1	E	155.74	34
AL PARSONS (OUT OF BUSINESS)	376 MADISON AVE. OTTAWA ON K2A 0B7	ENE	167.90	38
AL PARSONS (OUT OF BUSINESS) 02-233	376 MADISON AVE. OTTAWA ON K2A 0B7	ENE	167.90	38
JOSEPH C. GAFFNEY	372 RICHMOND ROAD OTTAWA ON K2A 0E8	ENE	191.33	45

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
JOSEPH C. GAFFNEY 22-433	372 RICHMOND ROAD OTTAWA ON K2A 0E8	ENE	191.33	45
First General Services (URA)	528 Byron St Ottawa ON K2A 0E3	ESE	211.53	49
Mountain Equipment Co-op	366 Richmond Road Ottawa ON	E	216.77	50
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
Mountain Equipment Co-op Ottawa	366 Richmond Road Ottawa ON K2A 0E8	E	216.77	50
VELO SPORTABLE CYCLE	358 RICHMOND ROAD OTTAWA ON K2A 0E8	E	242.18	60

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1534244 Ontario Inc	358 Richmond Road Ottawa ON	E	242.18	60

Lower Elevation	Address	Direction	Distance (m)	Map Key
KETCHUM MANUFACTURING	396 BERKLEY AVENUE OTTAWA ON K2A 2G6	WSW	71.71	8
PSL MECHANICAL	445 Richmond Road Ottawa ON K2A 4C9	WSW	131.52	23
Watters Environmental	465 Richmond Rd Ottawa ON	W	222.65	52
Watters Environmental	465 Richmond Rd Ottawa ON K2A 1Z1	W	222.65	52
ROGERS OTTAWA LTD.	475 RICHMOND ROAD OTTAWA ON K2A 3Y8	WSW	240.74	58
ROGERS TELEVISION	475 RICHMOND ROAD OTTAWA ON K2A 3Y8	WSW	240.74	58
Rogers Communications Inc.	475 Richmond Road Ottawa ON K2A 3Y8	WSW	240.74	58
Rogers Communications	475 Richmond Rd Ottawa ON K2A 3Y8	WSW	240.74	58
OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW	247.68	63
OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW	247.68	63

OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW	247.68	63
OTTAWA SPECIALTY COATINGS INC	335 C ROOSEVELT AVE OTTAWA ON K2A 1Y9	NNW	247.68	63

HINC - TSSA Historic Incidents

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
	345 BERKLEY AVENUE OTTAWA ON K2A 2G9	NW	202.68	47

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	420 Berkley Avenue, Ottawa ON	SW	116.40	19

PES - Pesticide Register

A search of the PES database, dated Oct 2011- 28 Feb 2022 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A 0G2	SE	85.94	9
J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396	410 RICHMOND ROAD OTTAWA ON K2A4C4	SE	85.94	9
MOUNTAIN EQUIPMENT CO-OPERATIVE	366 RICHMOND RD OTTAWA ON K2A 0E8	E	216.77	50

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MEC MOUNTAIN EQUIPMENT COMPANY LTD.	366 RICHMOND RD OTTAWA ON K2A 0E8	E	216.77	50

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
JEANNINE T KNIGHTON	377 ROOSEVELT AVE,,OTTAWA,ON, K2A 1Y9,CA ON	N	102.37	17
ENBRIDGE GAS INC	433 ROOSEVELT AVE,,OTTAWA,ON, K2A 1Z4,CA ON	ESE	179.97	42

Lower Elevation	Address	Direction	Distance (m)	Map Key
TAVORA STONE ART INC	370 BERKLEY AVE,,OTTAWA,ON, K2A 2G7,CA ON	WNW	137.21	26
PIPELINE HIT 1/2"	365 ROOSEVELT AVE,,OTTAWA,ON, K2A 1Y9,CA ON	N	147.68	30

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 2 PRT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BOURKS IGNITION LTD	426 RICHMOND RD OTTAWA ON K2A 0G2	SSW	103.48	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED	415 RICHMOND RD OTTAWA ON K2A 4H1	SSW	48.24	1

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jan 2022 has found that there are 3 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Bourk's Property Management Limited	575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4	SSE	96.95	15
Bourk's Property Management Limited	401 Golden Avenue, Ottawa, Ontario OTTAWA ON K2A 1H4	SSW	129.98	21

Lower Elevation	Address	Direction	Distance (m)	Map Key
The Exchange Inc.	396 BERKLEY AVE, OTTAWA, ON, K2A 2G6 Ottawa ON K2A 2G6	WSW	71.71	8

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 6 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Simply Wood Furnishings	393A Richmond Rd Ottawa ON K2A 0E9	E	90.67	10
Simply Wood Furnishings Ltd.	393A Richmond Rd Ottawa ON K2A 0E9	E	90.67	10
Entomological Society of Cda	393 Winston Ave Ottawa ON K2A 1Y8	NE	130.62	22

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ketchum Manufacturing Inc.	396 Berkley Ave Ottawa ON K2A 2G6	WSW	71.71	8

KETCHUM MANUFACTURING INC.	396 BERKLEY AVE OTTAWA ON K2A 2G6	WSW	71.71	8
Fendor Glass & Aluminum Inc.	335 Roosevelt Ave Ottawa ON K2A 1Y9	NNW	247.68	63

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 16 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	377 Roosevelt Ave Ottawa ON	N	102.37	17
PRIVATE RESIDENCE	HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK OTTAWA CITY ON K2A 0E1	ESE	134.74	24
ESSO PETROLEUM CANADA	ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON	SSE	139.27	27
	386 Richmond Rd S21 RESIDENCE<UNOFFICIAL> Ottawa ON K2A 0E8	E	143.19	28
PRIVATE BUSINESS	BANK OF NOVA SCOTIA, 388 RICHMOND ST STORAGE TANK OTTAWA CITY ON K2A 0E8	E	147.21	29
	388 Richmond Rd. Ottawa ON K2A 0E8	E	147.21	29
PRIVATE BUSINESS	388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK OTTAWA CITY ON K2A 0E8	E	147.21	29
BANK OF NOVA SCOTIA	388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA OTTAWA CITY ON K2A 0E8	E	147.21	29

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	433 Roosevelt Ave. Ottawa ON	ESE	179.97	42
	415 Ravenhill Avenue Ottawa ON	SE	185.04	43
PRIVATE OWNER	454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SE	239.33	57
PRIVATE RESIDENCE	518 BYRON AVE. STORAGE TANK/BARREL OTTAWA CITY ON K2A 0E3	E	244.81	61

Lower Elevation	Address	Direction	Distance (m)	Map Key
	370 Berkley Ave Ottawa ON	WNW	137.21	26
O.C. TRANSPO	RICHMOND RD WESTBOUND AT GOLDEN MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	SW	153.00	33
BLJC Facility Management Services<UNOFFICIAL>	475 Richmond Road Ottawa ON	WSW	240.74	58
Tomlinson Environmental Services Ltd	475 Richmond Rd Ottawa ON	WSW	240.74	58

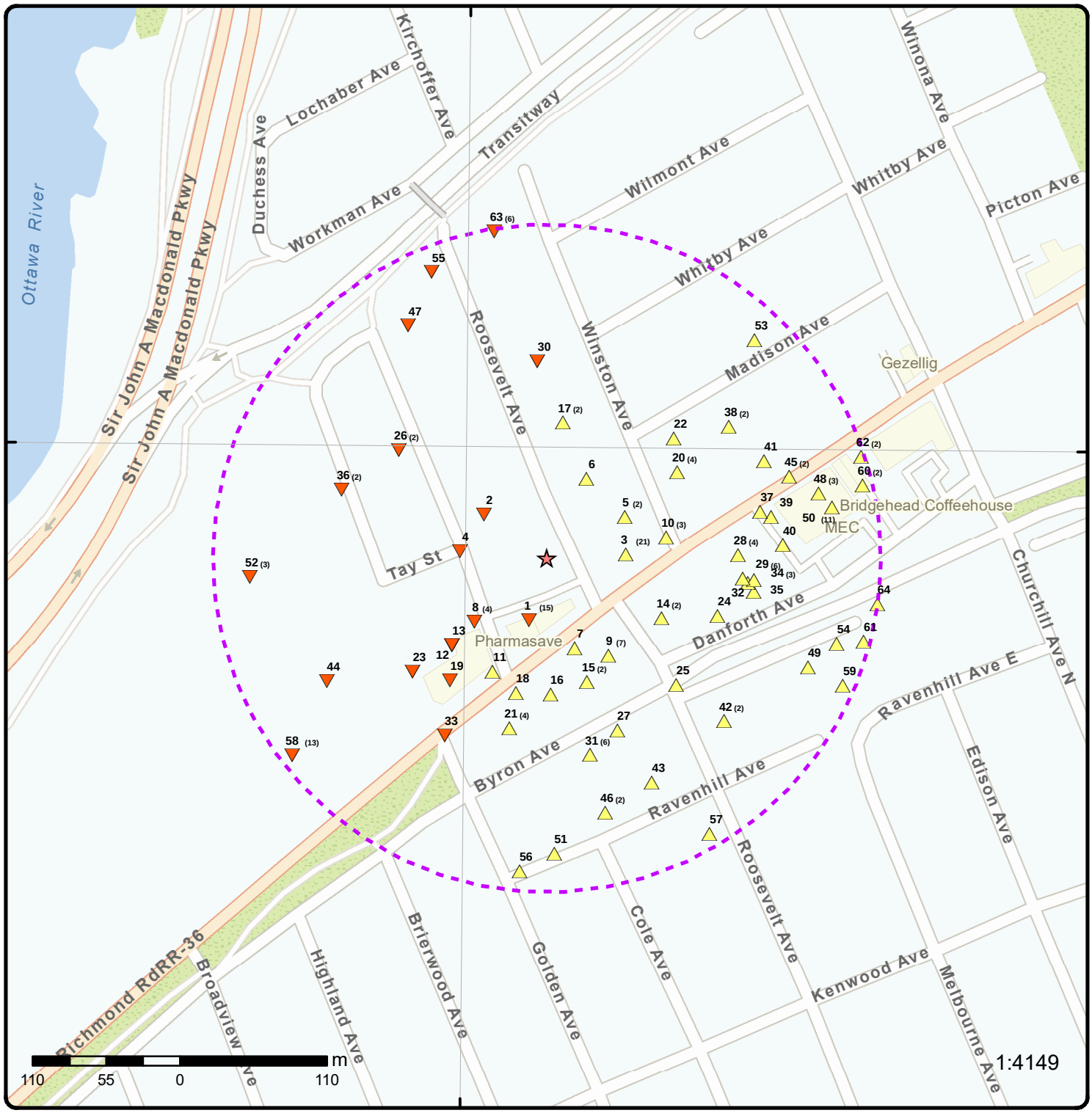
WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	401 RICHMOND RD Ottawa ON ***Well ID:*** 7180984	ENE	66.16	5

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	388 RICHMOND RD OTTAWA ON ***Well ID:*** 7305578	E	147.21	29
	388 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7303999	E	151.52	32
	388 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7303998	E	156.46	35
	ON ***Well ID:*** 7374308	E	170.29	39
	380 RICHMOND ROAD OTTAWA ON ***Well ID:*** 7198182	E	176.73	40
	388 RICHMOND RD OTTAWA ON ***Well ID:*** 7305577	ENE	178.10	41
	379 WILMONT AVE OTTAWA ON ***Well ID:*** 7195201	S	221.07	51
	345 RAVENHURST AVE. WELL #1 Ottawa ON ***Well ID:*** 7218236	ESE	240.97	59

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON ***Well ID:*** 1510536	WSW	96.15	13
	465 RICHMOND RD OTTAWA ON ***Well ID:*** 7163102	WSW	188.53	44



Map: 0.25 Kilometer Radius

Order Number: 22031700041

Address: PE5677 - 398, 402 and 406 Roosevelt Ave, Ottawa, ON

ERIS

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

Source: © 2021 ESRI StreetMap Premium.

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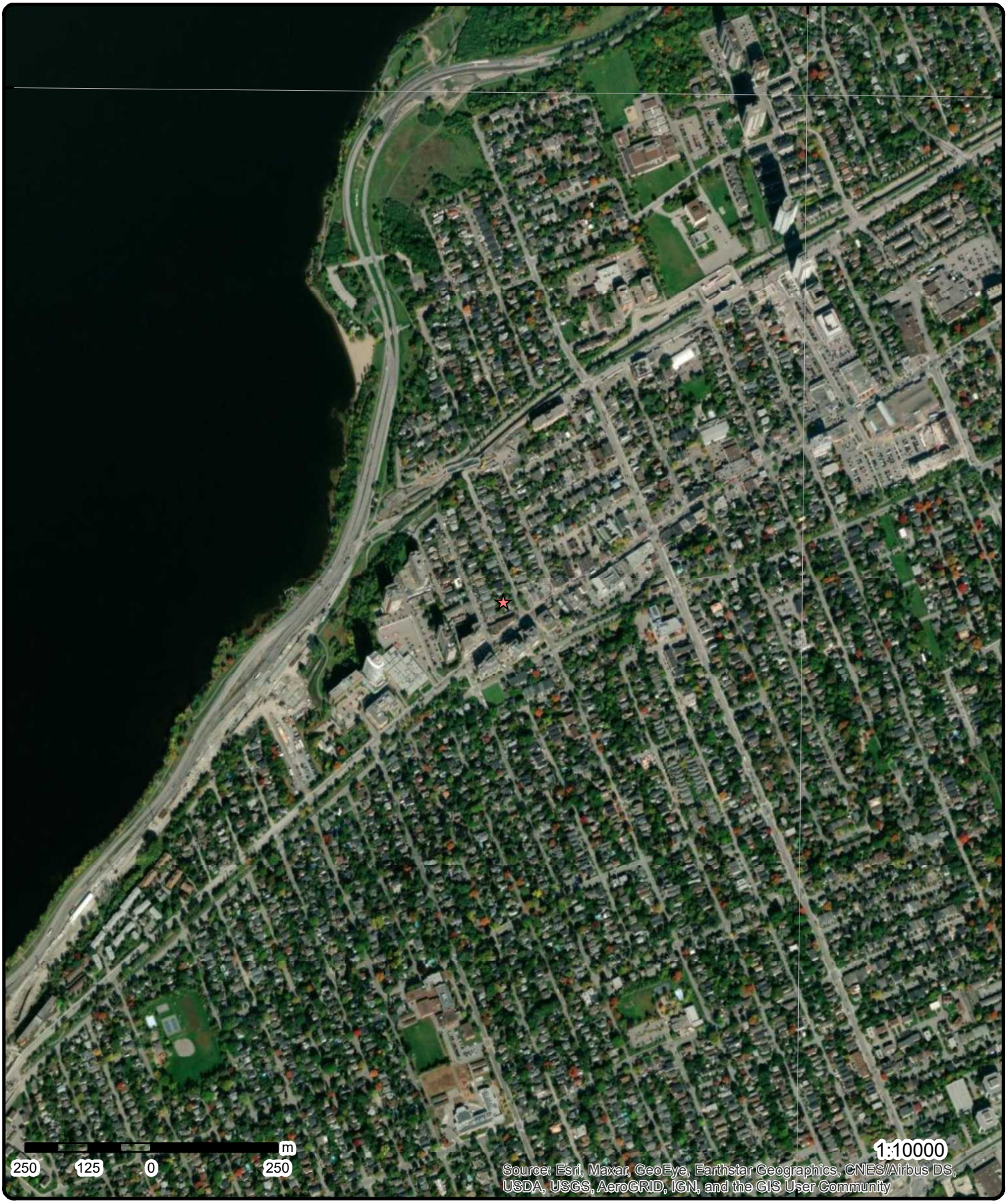

Aerial **Year: 2021**

Order Number: 22031700041

Address: PE5677 - 398, 402 and 406 Roosevelt Ave, Ottawa, ON

Source: ESRI World Imagery

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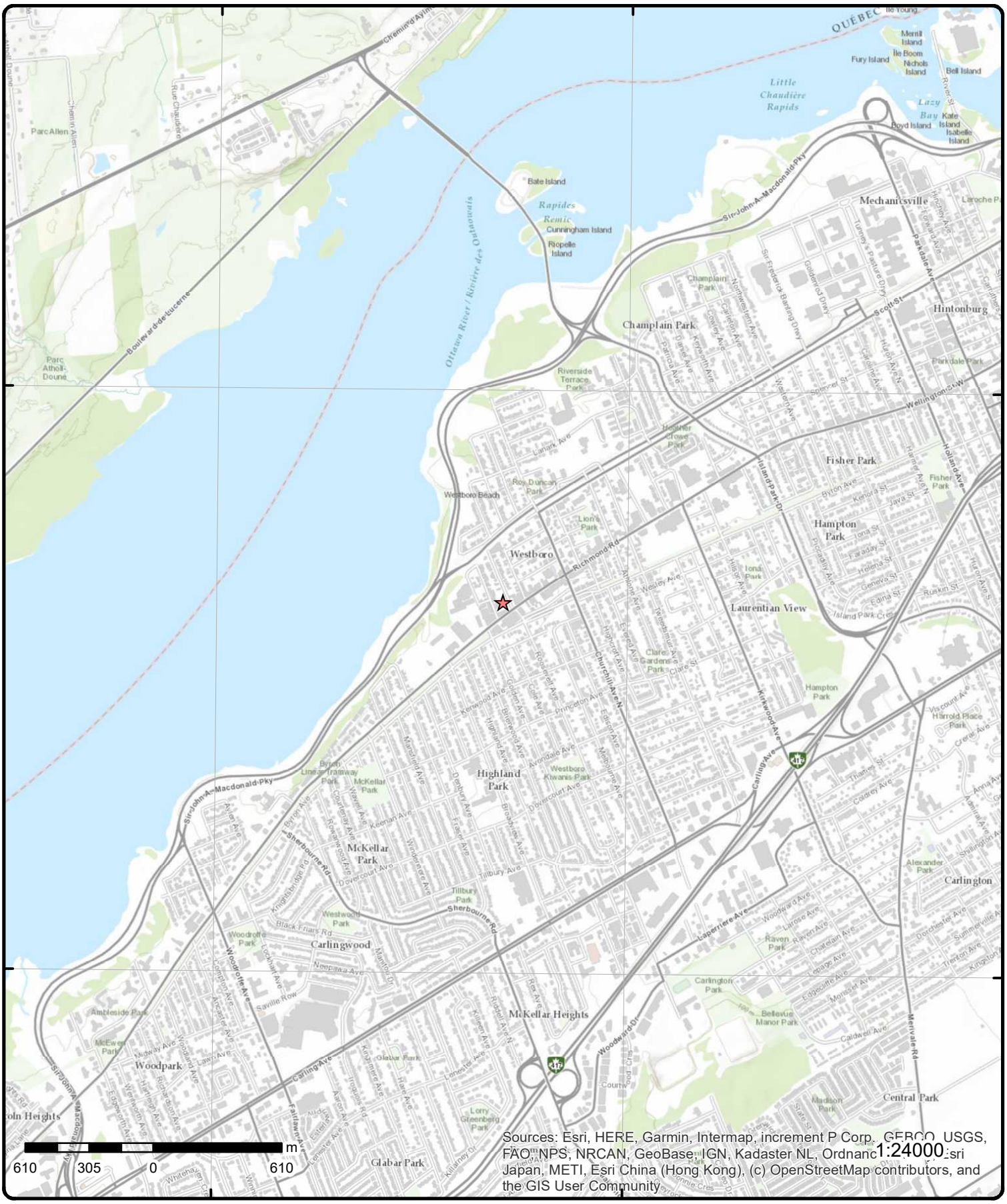

Topographic Map

Order Number: 22031700041

Address: PE5677 - 398, 402 and 406 Roosevelt Ave, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON K2A 4H1	PRT

Location ID: 11059
Type: retail
Expiry Date: 1995-02-28
Capacity (L): 21491
Licence #: 0055798001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA ON K2A 4H1	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 9821356
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

Expired Date: 3/2/1994
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD	DTNK

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

Delisted Expired Fuel Safety Facilities

Instance No:	10905998	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	50761	***Facility Location:***	
Instance Type:	FS Piping	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

1	***4 of 15***	***SSW/48.2***	***65.8 / -0.02***	***DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED*** ***415 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	10905966	***Expired Date:***	
Status:	EXPIRED	***Max Hazard Rank:***	
Instance ID:	51454	***Facility Location:***	
Instance Type:	FS Piping	***Facility Type:***	
Instance Creation Dt:		***Fuel Type 2:***	
Instance Install Dt:		***Fuel Type 3:***	
Item Description:		***Panam Related:***	
Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	
ULC Standard:		***Piping Steel:***	
Quantity:		***Piping Galvanized:***	
Unit of Measure:		***Tank Single Wall St:***	
Overfill Prot Type:		***Piping Underground:***	
Creation Date:		***Tank Underground:***	
Next Periodic Str DT:		***Source:***	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			

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

TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

1	***5 of 15***	***SSW/48.2***	***65.8 / -0.02***	***DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED*** ***415 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10906016
Status: EXPIRED
Instance ID: 51719
Instance Type: FS Piping
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description: FS Piping
Original Source: EXP
Record Date: Up to Mar 2012

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

1	***6 of 15***	***SSW/48.2***	***65.8 / -0.02***	***DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED*** ***415 RICHMOND RD*** ***OTTAWA ON***	***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10905983
Status: EXPIRED
Instance ID: 52618

Expired Date:
Max Hazard Rank:
Facility Location:

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

Instance Type:	FS Piping	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Piping		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

1	7 of 15	SSW/48.2	65.8 / -0.02	415 Richmond Rd Ottawa ON K2A4H1	EHS

Order No:	20140324007	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	27-MAR-14	**Search Radius (km):**	.25
Date Received:	24-MAR-14	**X:**	-75.757707
Previous Site Name:		**Y:**	45.3905
Lot/Building Size:			
Additional Info Ordered:			

1	8 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	DTNK
1	9 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	DTNK
1	10 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	DTNK
1	11 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	12 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST

Instance No: 10905992
Status:
Cont Name:
Instance Type:
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 10/2/1989
Install Year: 1983
Years in Service:
Model: NULL
Description:
Capacity: 25000
Tank Material: Steel
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 415 RICHMOND RD OTTAWA K2A 4H1 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related:
Panam Venue:

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	13 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST

Instance No: 10906007
Status:
Cont Name:
Instance Type:
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 10/2/1989
Install Year: 1976
Years in Service:
Model: NULL
Description:
Capacity: 22700
Tank Material: Steel
Corrosion Protect:
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 415 RICHMOND RD OTTAWA K2A 4H1 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Gasoline
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related:
Panam Venue:

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

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	14 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST

Instance No:	10905974	***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:	1983	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	25000	***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:	415 RICHMOND RD OTTAWA K2A 4H1 ON CA		

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	15 of 15	SSW/48.2	65.8 / -0.02	DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED 415 RICHMOND RD OTTAWA K2A 4H1 ON CA ON	FST

Instance No:	10905957	***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:	1983	***Piping Steel:***	

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

Years in Service: ***Piping Galvanized:***
Model: NULL ***Tanks Single Wall St:***
Description: ***Piping Underground:***
Capacity: 25000 ***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: 415 RICHMOND RD OTTAWA K2A 4H1 ON CA

Fuel Storage Tank Details

Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: DAVE RENNIE'S AUTOCARE 464354 ONTARIO LIMITED
Item: FS LIQUID FUEL TANK

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2 | ***1 of 1*** | ***WNW/57.4*** | ***64.9 / -0.94*** | ***Urban Edge Developments Corp.***
385 - 387 Berkley Ave Lot 26, Ref. Plan 270
Ottawa ON K2G 2L1 | ***ECA***

Approval No: 0416-8F9PSZ ***MOE District:*** Ottawa
Approval Date: 2011-03-31 ***City:***
Status: Approved ***Longitude:*** -75.75815
Record Type: ECA ***Latitude:*** 45.39121
Link Source: IDS ***Geometry X:***
SWP Area Name: Rideau Valley ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Urban Edge Developments Corp.
Address: 385 - 387 Berkley Ave Lot 26, Ref. Plan 270
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8812-8EUL45-14.pdf
PDF Site Location:

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3 | ***1 of 21*** | ***E/59.1*** | ***66.8 / 0.95*** | ***TUBMAN FUNERAL HOMES***
403 RICHMOND RD
OTTAWA ON K2A 0E9 | ***GEN***

Generator No: ONF017100 ***Status:***
SIC Code: 9731 ***Co Admin:***
SIC Description: FUNERAL HOMES ***Choice of Contact:***
Approval Years: 88,89,90 ***Phone No Admin:***
PO Box No: ***Contam. Facility:***
Country: ***MHSW Facility:***

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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3 | ***2 of 21*** | ***E/59.1*** | ***66.8 / 0.95*** | ***TUBMAN FUNERAL HOMES 44-171***
403 RICHMOND RD
OTTAWA ON K2A 0E9 | ***GEN***

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

Generator No: ONF017100
SIC Code: 9731
SIC Description: FUNERAL HOMES
Approval Years: 92,93,94,95,96,97,98,99
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

3	3 of 21	E/59.1	66.8 / 0.95	***TUBMAN FUNERAL HOMES*** ***403 RICHMOND ROAD*** ***OTTAWA ON K2A 0E9***	***GEN***

Generator No: ONF017100
SIC Code: 9731
SIC Description: FUNERAL HOMES
Approval Years: 00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

3	4 of 21	E/59.1	66.8 / 0.95	***J.A. TUBMAN FUNERAL HOMES LIMITED*** ***403 RICHMOND ROAD*** ***OTTAWA ON K2A 0E9***	***GEN***

Generator No: ONF017100
SIC Code:
SIC Description:
Approval Years: 02,03
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

3	5 of 21	E/59.1	66.8 / 0.95	***TUBMAN FUNERAL HOMES AND CREMATION*** ***403 RICHMOND ROAD*** ***OTTAWA ON K2A 0E9***	***GEN***

Generator No: ONF017100
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 04,05,06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

3 **6 of 21** **E/59.1** **66.8 / 0.95** **TUBMAN FUNERAL HOMES AND CREMATION** **GEN**
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2009
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

3 **7 of 21** **E/59.1** **66.8 / 0.95** **TUBMAN FUNERAL HOMES AND CREMATION** **GEN**
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2010
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

3 **8 of 21** **E/59.1** **66.8 / 0.95** **TUBMAN FUNERAL HOMES AND CREMATION** **GEN**
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	9 of 21	E/59.1	66.8 / 0.95	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN

Generator No: ONF017100
SIC Code: 812210
SIC Description: Funeral Homes
Approval Years: 2012
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	10 of 21	E/59.1	66.8 / 0.95	403 Richmond Rd Ottawa ON K2A0E9	EHS

Order No: 20140416094
Status: C
Report Type: Standard Report
Report Date: 28-APR-14
Date Received: 16-APR-14
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa, ON
Client Prov/State: ON
Search Radius (km): .25
X: -75.756941
Y: 45.391034

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	11 of 21	E/59.1	66.8 / 0.95	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON	GEN

Generator No: ONF017100
SIC Code: 812210
SIC Description:
Approval Years: 2013
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	12 of 21	E/59.1	66.8 / 0.95	TUBMAN FUNERAL HOMES AND CREMATION 403 RICHMOND ROAD OTTAWA ON K2A 0E9	GEN

Generator No: ONF017100
SIC Code: 812210
SIC Description: 812210
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

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

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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3 ***13 of 21*** ***E/59.1*** ***66.8 / 0.95*** ***TUBMAN FUNERAL HOMES AND CREMATION*** ***GEN***
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code: 812210
SIC Description: 812210
Approval Years: 2015
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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3 ***14 of 21*** ***E/59.1*** ***66.8 / 0.95*** ***TUBMAN FUNERAL HOMES AND CREMATION*** ***GEN***
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code: 812210
SIC Description: 812210
Approval Years: 2014
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

3 ***15 of 21*** ***E/59.1*** ***66.8 / 0.95*** ***TUBMAN FUNERAL HOMES AND CREMATION*** ***GEN***
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No: ONF017100
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P

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

Waste Class Desc: Pathological wastes

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3 **16 of 21** **E/59.1** **66.8 / 0.95** **TUBMAN FUNERAL HOMES AND CREMATION** **GEN**
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No:	ONF017100	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Jul 2020	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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3 **17 of 21** **E/59.1** **66.8 / 0.95** **403 Richmond Road** **EHS**
Ottawa ON K2A 0E9

Order No:	20281800223	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-AUG-20	**Search Radius (km):**	.25
Date Received:	18-AUG-20	**X:**	-75.7567882
Previous Site Name:		**Y:**	45.3909513
Lot/Building Size:			
Additional Info Ordered:			

---

3 **18 of 21** **E/59.1** **66.8 / 0.95** **TUBMAN FUNERAL HOMES AND CREMATION** **GEN**
403 RICHMOND ROAD
OTTAWA ON K2A 0E9

Generator No:	ONF017100	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Nov 2021	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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3 **19 of 21** **E/59.1** **66.8 / 0.95** **403 Richmond Road** **EHS**
Ottawa ON K2A 0E9

Order No:	20281800223	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-AUG-20	**Search Radius (km):**	.25
Date Received:	18-AUG-20	**X:**	-75.7567882
Previous Site Name:		**Y:**	45.3909513
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	20 of 21	E/59.1	66.8 / 0.95	403 Richmond Road Ottawa ON K2A 0E9	EHS

Order No:	20281800223	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-AUG-20	**Search Radius (km):**	.25
Date Received:	18-AUG-20	**X:**	-75.7567882
Previous Site Name:		**Y:**	45.3909513
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	21 of 21	E/59.1	66.8 / 0.95	403 Richmond Road Ottawa ON K2A 0E9	EHS

Order No:	20281800223	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	21-AUG-20	**Search Radius (km):**	.25
Date Received:	18-AUG-20	**X:**	-75.7567882
Previous Site Name:		**Y:**	45.3909513
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	W/65.2	64.6 / -1.24	OTTAWA CITY - DOMINION ST. BERKLEY AVE./TAY STREET OTTAWA CITY ON	CA

Certificate #:	3-1201-92-
Application Year:	92
Issue Date:	9/24/1992
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 2	ENE/66.2	66.8 / 0.98	401 Richmond Road Ottawa ON K2A 0E9	EHS

Order No:	20110520022	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	5/26/2011	**Search Radius (km):**	0.25
Date Received:	5/20/2011 10:33:36 AM	**X:**	-75.756609
Previous Site Name:		**Y:**	45.391076
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	2 of 2	ENE/66.2	66.8 / 0.98	401 RICHMOND RD Ottawa ON	WWIS

Well ID:	7180984	**Data Entry Status:**	
Construction Date:		**Data Src:**	

Primary Water Use:	Test Hole	**Date Received:**	5/17/2012
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	7
Audit No:	Z134670	**Owner:**	
Tag:	A108243	**Street Name:**	401 RICHMOND RD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7180984.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/08/09
Year Completed:	2011
Depth (m):	5.28
Latitude:	45.3912018446211
Longitude:	-75.7567986138181
Path:	718\7180984.pdf

Bore Hole Information

Bore Hole ID:	1003781307	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440760.00
Code OB Desc:		**North83:**	5026688.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09-Aug-2011 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004309961
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	60
Mat2 Desc:	CEMENTED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.15000000596046448

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004309964
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0399999618530273
Formation End Depth: 5.28000020980835
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004309963
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: 0.7599999904632568
Formation End Depth: 1.0399999618530273
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004309962
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 01
Mat2 Desc: FILL
Mat3: 35
Mat3 Desc: WOOD FRAGMENTS
Formation Top Depth: 0.15000000596046448
Formation End Depth: 0.7599999904632568
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004309971
Layer: 1
Plug From: 0.0
Plug To: 2.450000047683716
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1004309972
Layer:	2
Plug From:	2.450000047683716
Plug To:	5.28000020980835
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004309970
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	1004309960
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004309967
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	3.799999952316284
Casing Diameter:	3.5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004309968
Layer:	1
Slot:	10
Screen Top Depth:	3.799999952316284
Screen End Depth:	5.28000020980835
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.099999904632568

Water Details

Water ID:	1004309966
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	3.5
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004309965
Diameter:	7.5

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

Depth From: 0.0
Depth To: 5.28000020980835
Hole Depth UOM: m
Hole Diameter UOM: cm

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6 | **1 of 1** | **NE/66.3** | **67.0 / 1.14** | **389 Roosevelt Ave**
Ottawa ON K2A1Y9 | **EHS**

Order No: 20161201074
Status: C
Report Type: Standard Report
Report Date: 08-DEC-16
Date Received: 01-DEC-16
Previous Site Name:
Lot/Building Size: ~0.5 ha
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.757172
Y: 45.391455

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7 | **1 of 1** | **SSE/70.5** | **66.9 / 1.06** | **Tall Tree Technologies Inc.**
422 B Richmond Rd
Ottawa ON K2A 0G2 | **GEN**

Generator No: ON6274467
SIC Code: 451110
SIC Description: Sporting Goods Stores
Approval Years: 07,08
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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8 | **1 of 4** | **WSW/71.7** | **64.9 / -0.94** | **KETCHUM MANUFACTURING INC.**
396 BERKLEY AVE
OTTAWA ON K2A 2G6 | **SCT**

Established: 1913
Plant Size (ft²): 23000
Employment: 40

--Details--
Description: PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3089

Description: METAL STAMPINGS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3469

Description: MARKING DEVICES
SIC/NAICS Code: 3953

Description: MANUFACTURING INDUSTRIES, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3999

Description: Printing Ink Manufacturing
SIC/NAICS Code: 325910

Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Description: Stamping

SIC/NAICS Code: 332118

Description: Office Supplies (except Paper) Manufacturing
SIC/NAICS Code: 339940

Description: All Other Miscellaneous Manufacturing
SIC/NAICS Code: 339990

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8 ***2 of 4*** ***WSW/71.7*** ***64.9 / -0.94*** ***KETCHUM MANUFACTURING***
396 BERKLEY AVENUE
OTTAWA ON K2A 2G6 ***GEN***

Generator No: ON2639900
SIC Code: 2819
SIC Description: OTHER COMM. PRINTING
Approval Years: 01,02,03,04,05
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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8 ***3 of 4*** ***WSW/71.7*** ***64.9 / -0.94*** ***Ketchum Manufacturing Inc.***
396 Berkley Ave
Ottawa ON K2A 2G6 ***SCT***

Established: 1913
Plant Size (ft²):
Employment:

--Details--
Description: Other Printing
SIC/NAICS Code: 323119

Description: Other Communications Equipment Manufacturing
SIC/NAICS Code: 334290

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8 ***4 of 4*** ***WSW/71.7*** ***64.9 / -0.94*** ***The Exchange Inc.***
396 BERKLEY AVE, OTTAWA, ON, K2A 2G6
Ottawa ON K2A 2G6 ***RSC***

RSC ID: 2261
RA No:
RSC Type:
Curr Property Use: Commercial
Ministry District: OTTAWA
Filing Date: 19-Sep-05
Date Ack:
Date Returned:

Cert Date: 29-Aug-05
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: Mr. Rick Morris
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 6 to 10 meters

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

Restoration Type:		**Telephone:**	613-7280388x224
Soil Type:		**Fax:**	613-7280063
Criteria:		**Email:**	rick@domicile.on.ca
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	03971 - 0331 LT		
Property Municipal Address:	396 BERKLEY AVE, OTTAWA, ON, K2A 2G6		
Mailing Address:	Suite 1, 371A RICHMOND RD, OTTAWA, ON, K2A 0E7		
Latitude & Latitude:	45.39029090N 75.75842160W (converted from UTM)		
UTM Coordinates:	NAD83 18-440632-5026588		
Consultant:			
Legal Desc:	Block 1, Plan 270, save and except NP43989, City of Ottawa		
Measurement Method:	Global Positioning System		
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

9	1 of 7	SE/85.9	67.2 / 1.36	**J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396** **410 RICHMOND ROAD** **OTTAWA ON K2A 0G2**	PES

Detail Licence No:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			
PDF Site Location:			

9	2 of 7	SE/85.9	67.2 / 1.36	**J. CLARK PHARMACY CARE LTD O/A SHOPPERS DRUG MART #1396** **410 RICHMOND ROAD** **OTTAWA ON K2A4C4**	PES

Detail Licence No:		**Operator Box:**	
Licence No:	15886	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	7615575
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	

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

County: **SWP Area Name:**
Trade Name:
PDF Link:
PDF Site Location:

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9 **3 of 7** **SE/85.9** **67.2 / 1.36** **J. Clark Pharmacy Care Ltd.** **GEN**
410 RICHMOND ROAD
OTTAWA ON K2A 4C4

Generator No: ON7312008
SIC Code: 446110
SIC Description: 446110
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin: NASTRAN NAJAFI-FARD
Choice of Contact: CO_ADMIN
Phone No Admin: 4164931120 Ext.3218
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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9 **4 of 7** **SE/85.9** **67.2 / 1.36** **J. Clark Pharmacy Care Ltd.** **GEN**
410 RICHMOND ROAD
OTTAWA ON K2A 4C4

Generator No: ON7312008
SIC Code: 446110
SIC Description: 446110
Approval Years: 2015
PO Box No:
Country: Canada

Status:
Co Admin: NASTRAN NAJAFI-FARD
Choice of Contact: CO_ADMIN
Phone No Admin: 4164931120 Ext.3218
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

---

9 **5 of 7** **SE/85.9** **67.2 / 1.36** **J. Clark Pharmacy Care Ltd.** **GEN**
410 RICHMOND ROAD
OTTAWA ON K2A 4C4

Generator No: ON7312008
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Pathological wastes			

9	6 of 7	SE/85.9	67.2 / 1.36	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN

Generator No: ON7312008
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

9	7 of 7	SE/85.9	67.2 / 1.36	J. Clark Pharmacy Care Ltd. 410 RICHMOND ROAD OTTAWA ON K2A 4C4	GEN

Generator No: ON7312008
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

10	1 of 3	E/90.7	67.8 / 2.01	Simply Wood Furnishings Ltd. 393A Richmond Rd Ottawa ON K2A 0E9	SCT

Established: 1987
Plant Size (ft²):
Employment: 5

--Details--
Description: Wood Kitchen Cabinet and Counter Top Manufacturing
SIC/NAICS Code: 337110

10	2 of 3	E/90.7	67.8 / 2.01	Mike Steinberg 393-401 Richmond Road Ottawa ON K2A 0E9	GEN

Generator No: ON1851952
SIC Code:
SIC Description:

Status:
Co Admin:
Choice of Contact:

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

Approval Years: 02,03,04,05
PO Box No:
Country:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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10 | **3 of 3** | **E/90.7** | **67.8 / 2.01** | **Simply Wood Furnishings**
393A Richmond Rd
Ottawa ON K2A 0E9 | **SCT**

Established: 1987
Plant Size (ft²): 7000
Employment: 5

--Details--
Description: Wood Kitchen Cabinet and Counter Top Manufacturing
SIC/NAICS Code: 337110

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11 | **1 of 1** | **SSW/93.6** | **66.0 / 0.15** | **427 Richmond Road**
Ottawa ON K2A 4C9 | **EHS**

Order No: 21110400578
Status: C
Report Type: Standard Report
Report Date: 09-NOV-21
Date Received: 04-NOV-21
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7580499
Y: 45.390155

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12 | **1 of 1** | **WSW/96.0** | **64.6 / -1.24** | **ON** | **BORE**

Borehole ID: 612980
OGF ID: 215514285
Status:
Type: Borehole
Use:
Completion Date: JAN-1970
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 30.5
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 56.1
Elev Reliabil Note:
DEM Ground Elev m: 65.6
Concession:
Location D:
Survey D:
Comments:
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.390329
Longitude DD: -75.758439
UTM Zone: 18
Easting: 440631
Northing: 5026592
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID:	218393233	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.6	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Soil	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SOIL. BROWN.		

Geology Stratum ID:	218393234	***Mat Consistency:***	
Top Depth:	.6	***Material Moisture:***	
Bottom Depth:	22.9	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. BROWN.		

Geology Stratum ID:	218393235	***Mat Consistency:***	
Top Depth:	22.9	***Material Moisture:***	
Bottom Depth:	30.5	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00065WEATHERED. BEDROCK. BEDROCK. BEDROCK. 00000 020 00080 009 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 05488 NTS_Sheet:		
Confiden 1:			

Source List

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

13	***1 of 1***	***WSW/96.2***	***64.6 / -1.24***	***ON***	***WWIS***

Well ID:	1510536	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/10/1970

Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510536.pdf

Additional Detail(s) (Map)

Well Completed Date:	1970/01/14
Year Completed:	1970
Depth (m):	30.48
Latitude:	45.3903268388058
Longitude:	-75.7584387354687
Path:	151\1510536.pdf

Bore Hole Information

Bore Hole ID:	10032563	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440630.70
Code OB Desc:		**North83:**	5026592.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	14-Jan-1970 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015148
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015146
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015147
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510536
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10581133
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930057707
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	19.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057708
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510536
Pump Set At:	
Static Level:	18.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	80.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
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:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934640646
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934097169
Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379487
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898545
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.0

Test Level UOM: ft

Water Details

Water ID: 933465553
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

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14 ***1 of 2*** ***ESE/96.6*** ***67.8 / 2.00*** ***411 Roosevelt Avenue Ottawa ON K2A 3X9*** ***EHS***

Order No: 20080407030
Status: C
Report Type: Custom Report
Report Date: 4/16/2008
Date Received: 4/7/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.756565
Y: 45.390493

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14 ***2 of 2*** ***ESE/96.6*** ***67.8 / 2.00*** ***DISTRICT REALTY 411 ROOSEVELT AVENUE OTTAWA ON K2A3X9*** ***GEN***

Generator No: ON9318155
SIC Code: 531111
SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

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15 ***1 of 2*** ***SSE/97.0*** ***67.2 / 1.36*** ***Bourk's Property Management Limited 575 BYRON AVE, OTTAWA, ON, K2A 4C4 ON K2A 4C4*** ***RSC***

RSC ID: 77721
RA No:
RSC Type:
Curr Property Use: Industrial
Ministry District: OTTAWA
Filing Date: 1-Jun-10
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Asmt Roll No:
Prop ID No (PIN): Part of 03971-0390 (LT) and all of PIN 03971-0393 (LT)
Property Municipal Address: 575 BYRON AVE, OTTAWA, ON, K2A 4C4
Cert Date: 19-Apr-10
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: William Bourk
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): No
Accuracy Estimate: 11 to 20 meters
Telephone: 613-5912402
Fax: 613-5995234
Email: bbourk@bourks.com

Mailing Address:	4009 CARLING AVE, KANATA (OTTAWA), ON, K2K 2A3
Latitude & Latitude:	45.39027780N 75.75722220W
UTM Coordinates:	NAD83 18-440726-5026586 (converted from Latitude & Longitude)
Consultant:	
Legal Desc:	PART OF LOTS 17, 18, 19 AND 20, SOUTH SIDE OF RICHMOND ROAD, PLAN 179; PART OF LOTS 14, 15, 16, 17, 18, 19 AND 20, NORTH SIDE OF JAMES STREET, PLAN 179; PART OF LOT 13, SOUTH SIDE OF RICHMOND ROAD, PLAN 204; ALL OF LOT 14, WEST SIDE OF ROOSEVELT AVENUE (FORMERLY RIVER STREET), PLAN 204; ALL OF LOTS 14, 15, 16, 17, 18, 19 AND 20, SOUTH SIDE OF RICHMOND ROAD, PLAN 204; PARTS 1, 2, 3, 4 AND 5 PLAN 4R23857 EXCEPT PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019. S/T AN EASEMENT IN FAVOUR OF CITY OF OTTAWA OVER PARTS 4 AND 5 PLAN 4R23857 AS IN LT1209818. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18 AND 19 SOUTH SIDE OF RICHMOND ROAD PLAN 204, PART 14 PLAN 4R24019 AS IN OC1065862. TOGETHER WITH AN EASEMENT IN FAVOUR OF ALL OF LOTS 14, 15, 16 AND 17 AND PART OF LOTS 13 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND ALL OF LOT 14 WEST SIDE OF ROOSEVELT AVENUE PLAN 204, PART OF LOTS 17 AND 18 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 14, 15, 16, 17 AND 18 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 2, 3, 4 AND 5 PLAN 4R23857 OVER PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 204 AND PART OF LOTS 18, 19 AND 20 SOUTH SIDE OF RICHMOND ROAD PLAN 179 AND PART OF LOTS 18, 19 AND 20 NORTH SIDE OF JAMES STREET PLAN 179, PARTS 4, 7, 9, 10, 11, 12, 14, 15, 16 AND 17 PLAN 4R24019 AS IN OC1065862.
Measurement Method:	Digitized from a satellite image
Applicable Standards:	Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use
RSC PDF:	

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15 | ***2 of 2*** | ***SSE/97.0*** | ***67.2 / 1.36*** | ***Burke Family Properties*** ***575 Byron Ave*** ***Ottawa ON K2A 4C4*** | ***GEN***

Generator No:	ON9387703	***Status:***	
SIC Code:	236220	***Co Admin:***	
SIC Description:	Commercial and Institutional Building Construction	***Choice of Contact:***	
Approval Years:	2010	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	S/101.8	66.9 / 1.06	Bourke Family Development Inc. 430 Richmond Road/Relocation storm sewer on Byron Avenue Ottawa ON K2P 1L5	ECA

Approval No: 3911-7BKMY9
Approval Date: 2008-02-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Bourke Family Development Inc.
Address: 430 Richmond Road/Relocation storm sewer on Byron Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3725-7BHTC5-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 2	N/102.4	65.9 / 0.06	JEANNINE T KNIGHTON 377 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA ON	PINC

Incident ID:
Incident No: 1679318
Incident Reported Dt: 7/10/2015
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No: 5658407
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt: 2015/09/03
Depth:
Pipe Material:
Fuel Category: Natural Gas
Health Impact:
Environment Impact:
Property Damage: Yes
Service Interrupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
PSIG:
Attribute Category: FS-Perform P-line Inc Invest
Regulator Location:
Method Details: E-mail
Customer Acct Name: JEANNINE T KNIGHTON
Incident Address: 377 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 377 ROOSEVELT AVE, OTTAWA - PIPELINE HIT - 1/2"
Reported By: Farxeen Rizvi - ENBRIDGE
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	2 of 2	N/102.4	65.9 / 0.06	Enbridge Gas Distribution Inc. 377 Roosevelt Ave Ottawa ON	SPL

Ref No: 4015-9YA2FT
Site No: NA
Incident Dt: 7/9/2015
Year:
Incident Cause:
Incident Event:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: 377 Roosevelt Ave
Site District Office:

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

Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	7/9/2015	**Site Map Datum:**	
Dt Document Closed:	8/26/2015	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: 1/2" line strike on Roosevelt Ave -made safe-		
Contaminant Qty:	0 other - see incident description		

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18 | ***1 of 1*** | ***SSW/103.5*** | ***66.0 / 0.15*** | ***BOURKS IGNITION LTD***
426 RICHMOND RD
OTTAWA ON K2A 0G2 | ***PRT***

Location ID:	11060
Type:	private
Expiry Date:	1993-12-31
Capacity (L):	0.00
Licence #:	0037308001

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19 | ***1 of 1*** | ***SW/116.4*** | ***64.6 / -1.24*** | ***420 Berkley Avenue, Ottawa ON*** | ***INC***

Incident No:	770186	**Any Health Impact:**	No
Incident ID:	2927304	**Any Enviro Impact:**	No
Instance No:		**Service Interrupted:**	No
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	No
Attribute Category:	FS-Perform L1 Incident Insp	**Reside App. Type:**	Not applicable
Context:		**Commer App. Type:**	Boiler
Date of Occurrence:	2012/03/02 00:00:00	**Indus App. Type:**	Not applicable
Time of Occurrence:	23:15:00	**Institut App. Type:**	Not applicable
Incident Created On:		**Venting Type:**	Power Vent (e.g., Side Wall venting)
Instance Creation Dt:		**Vent Conn Mater:**	L Vent
Instance Install Dt:		**Vent Chimney Mater:**	L Vent
Occur Insp Start Date:	2012/03/05 00:00:00	**Pipeline Type:**	
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	
Fuels Occur Type:	CO Release	**Depth Ground Cover:**	
Fuel Type Involved:	Natural Gas	**Regulator Location:**	
Enforcement Policy:	NULL	**Regulator Type:**	
Prc Escalation Req:	NULL	**Operation Pressure:**	
Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	
Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:	3746441	**Equipment Type:**	
Notes:		**Equipment Model:**	IBN1500
Drainage System:		**Serial No:**	D06H00185815
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	420 Berkley Avenue, Ottawa - CO Release		
Occurence Narrative:	CO from faulty burner exhaust made it's way into the building make up air unit		

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

Operation Type Involved: Multi-unit Residential
Item:
Item Description:
Device Installed Location:

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20 **1 of 4** **ENE/116.8** **67.4 / 1.59** **397 and 399 Winston Avenue** **EHS**
Ottawa ON K2A 1Y8

Order No: 20302300371
Status: C
Report Type: Standard Report
Report Date: 28-OCT-20
Date Received: 23-OCT-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7563071
Y: 45.3915087

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20 **2 of 4** **ENE/116.8** **67.4 / 1.59** **397 and 399 Winston Avenue** **EHS**
Ottawa ON K2A 1Y8

Order No: 20302300371
Status: C
Report Type: Standard Report
Report Date: 28-OCT-20
Date Received: 23-OCT-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7563071
Y: 45.3915087

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20 **3 of 4** **ENE/116.8** **67.4 / 1.59** **397 and 399 Winston Avenue** **EHS**
Ottawa ON K2A 1Y8

Order No: 20302300371
Status: C
Report Type: Standard Report
Report Date: 28-OCT-20
Date Received: 23-OCT-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7563071
Y: 45.3915087

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20 **4 of 4** **ENE/116.8** **67.4 / 1.59** **397 and 399 Winston Avenue** **EHS**
Ottawa ON K2A 1Y8

Order No: 20302300371
Status: C
Report Type: Standard Report
Report Date: 28-OCT-20
Date Received: 23-OCT-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7563071
Y: 45.3915087

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21 **1 of 4** **SSW/130.0** **66.0 / 0.15** **Bourk's Property Management Limited** **RSC**
401 Golden Avenue, Ottawa, Ontario
OTTAWA ON K2A 1H4

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

RSC ID:	45024	**Cert Date:**	20-Mar-08
RA No:		**Cert Prop Use No:**	No CPU
RSC Type:		**Intended Prop Use:**	Residential
Curr Property Use:	Commercial	**Qual Person Name:**	Mr. William Bourk
Ministry District:	OTTAWA	**Stratified (Y/N):**	
Filing Date:	26-May-08	**Audit (Y/N):**	
Date Ack:		**Entire Leg Prop. (Y/N):**	No
Date Returned:		**Accuracy Estimate:**	11 to 20 meters
Restoration Type:		**Telephone:**	613-7285918
Soil Type:		**Fax:**	613-7223121
Criteria:		**Email:**	bbourk@bourks.com
CPU Issued Sect 1686:	No		
Asmt Roll No:			
Prop ID No (PIN):	03971-0340 (LT); 03971-0161 (LT); 03971-0162 (LT); 03971-0163 (LT); 03971-0164 (LT)		
Property Municipal Address:	401 Golden Avenue, Ottawa, Ontario		
Mailing Address:	426 RICHMOND RD, OTTAWA, ON, K2A 0G2		
Latitude & Latitude:	45.38972220N 75.75805560W		
UTM Coordinates:	NAD83 18-440660-5026525 (converted from Latitude & Longitude)		
Consultant:			
Legal Desc:	"Entire Property": PART OF LOTS 17 TO 20, PLAN 179, S/S RICHMOND RD. AND PART OF LOTS 14 TO 20 N/S JAMES STREET, PLAN 179, PARTS 1 AND 2, PLAN 4R 13431, OTTAWA. SUBJECT TO EASEMENT IN FAVOUR OF THE CORPORATION OF THE CITY OF OTTAWA OVER PART 2 PLAN 4R 13431 AS IN LT1209818. LOTS 16, 17, 18, 19 & 20, PLAN 204, S/S RICHMOND RD; OTTAWA/NEPEAN. LOT 15, PLAN 204, S/S RICHMOND RD; OTTAWA/NEPEAN. PART OF LOT 14, PLAN 204, S/S RICHMOND RD, AS IN CR614020; OTTAWA/NEPEAN. LOT 14, PLAN 204, S/S RICHMOND RD, EXCEPT CR614020; PT LOT 13, PLAN 204, S/S RICHMOND RD, BEING THE WLY 16 FT; LT 14, PLAN 204, W/S ROOSEVELT AV (FORMERLY RIVER ST); OTTAWA/NEPEAN. "RSC Property": (PART OF LOT 18 and ALL of LOTS 19 AND 20, SOUTH RICHMOND ROAD, R. PLAN 204; AND PART OF LOTS 18, 19 AND 20, SOUTH RICHMOND ROAD AND PART OF LOTS 18, 19 AND 20, NORTH SIDE JAMES STREET, R. PLAN 179; BEING PART 1 ON R. PLAN 4R-22822.) AND (PART OF LOTS 18, 19 & 20, NORTH SIDE JAMES STREET, AND PART OF LOT 20, SOUTH SIDE RICHMOND ROAD, R.PLAN 179; BEING PART2 ON R. PLAN 22822.)		
Measurement Method:	Digitized from a satellite image		
Applicable Standards:	Full Depth Site Conditions Standard, with Potable Ground Water, Coarse Textured Soil, for Residential/Parkland/Institutional property use		
RSC PDF:			

21	*2 of 4*	***SSW/130.0***	***66.0 / 0.15***	***Bourke Family Development Inc.*** ***401 Golden Ave*** ***Ottawa ON K2A 1H4***	***CA***

Certificate #:	1597-7V4JX3
Application Year:	2009
Issue Date:	8/21/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

21	*3 of 4*	***SSW/130.0***	***66.0 / 0.15***	***Bourke Family Development Inc.*** ***401 Golden Ave*** ***Ottawa ON K2A 0G2***	***ECA***

Approval No:	1597-7V4JX3	**MOE District:**	
Approval Date:	2009-08-21	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	

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

SWP Area Name: **Geometry Y:**
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Bourke Family Development Inc.
Address: 401 Golden Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7365-7ULQYL-14.pdf
PDF Site Location:

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21 | **4 of 4** | **SSW/130.0** | **66.0 / 0.15** | **City of Ottawa, OC Transpo**
401 Golden Avenue
Ottawa ON K2A 1H4 | **GEN**

Generator No: ON4289265 **Status:** Registered
SIC Code: **Co Admin:**
SIC Description: **Choice of Contact:**
Approval Years: As of Mar 2019 **Phone No Admin:**
PO Box No: **Contam. Facility:**
Country: Canada **MHSW Facility:**

Detail(s)

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

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22 | **1 of 1** | **NE/130.6** | **66.8 / 1.02** | **Entomological Society of Cda**
393 Winston Ave
Ottawa ON K2A 1Y8 | **SCT**

Established: 01-DEC-68
Plant Size (ft²):
Employment:

--Details--
Description: Professional Organizations
SIC/NAICS Code: 813920

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23 | **1 of 1** | **WSW/131.5** | **63.8 / -1.97** | **PSL MECHANICAL**
445 Richmond Road
Ottawa ON K2A 4C9 | **GEN**

Generator No: ON8480208 **Status:** Registered
SIC Code: **Co Admin:**
SIC Description: **Choice of Contact:**
Approval Years: As of Dec 2018 **Phone No Admin:**
PO Box No: **Contam. Facility:**
Country: Canada **MHSW Facility:**

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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24 | **1 of 1** | **ESE/134.7** | **68.8 / 2.97** | **PRIVATE RESIDENCE**
HOME AT 389 DANFORTH AVE FURNACE OIL TANK FURNACE OIL TANK
OTTAWA CITY ON K2A 0E1 | **SPL**

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

Ref No:	36769	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	3/29/1990	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CONTAINER LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20101
Nature of Impact:	Vegetation	**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:	3/29/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	CORROSION	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BACKENTRY- UNKNOWN QUANTITY OF FURNACE OIL TO GROUND, PINHOLE LEAK		
Contaminant Qty:			

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25 | ***1 of 1*** | ***SE/135.3*** | ***68.9 / 3.08*** | ***OTTAWA CITY***
BYRON AVE./ROOSEVELT AVE.
OTTAWA CITY ON | ***CA***

Certificate #:	3-0215-99-
Application Year:	99
Issue Date:	3/23/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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26 | ***1 of 2*** | ***WNW/137.2*** | ***63.9 / -1.94*** | ***TAVORA STONE ART INC***
370 BERKLEY AVE,,OTTAWA,ON,K2A 2G7,CA
ON | ***PINC***

Incident ID:		**Pipe Material:**	
Incident No:	1971748	**Fuel Category:**	Natural Gas
Incident Reported Dt:	11/7/2016	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	No
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:	6427439	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2016/11/07	**Regulator Location:**	
Depth:		**Method Details:**	E-mail
Customer Acct Name:	TAVORA STONE ART INC		

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

Incident Address: 370 BERKLEY AVE,,OTTAWA,ON,K2A 2G7,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 370 BERKLEY AVE, OTTAWA - PIPELINE HIT - 1/2"
Reported By: Ryan Noble - ENBRIDGE
Affiliation:
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

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26 **2 of 2** **WNW/137.2** **63.9 / -1.94** **370 Berkley Ave Ottawa ON** **SPL**

Ref No: 8813-AFESKG
Site No: NA
Incident Dt: 2016/11/05
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: METHANE GAS, COMPRESSED (NATURAL GAS)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/11/05
Dt Document Closed: 2016/12/17
Incident Reason: Operator/Human Error
Site Name: tssa<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA 370 Berkley Ave line strike made safe
Contaminant Qty: 1 number (count)

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: 370 Berkley Ave
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Air Spills - Gases and Vapours
Source Type:

---

27 **1 of 1** **SSE/139.3** **67.8 / 1.95** **ESSO PETROLEUM CANADA ON SIDE OF ROAD BETWEEN 566 AND 570 BYRON TANK TRUCK (CARGO) OTTAWA CITY ON** **SPL**

Ref No: 151242
Site No:
Incident Dt: 1/8/1998
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Other
Receiving Medium: LAND
Receiving Env:
MOE Response:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:

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

Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/8/1998	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO HOME COMFORT: 2 L OF FURNACE OIL TO ASPHALT DURING DELIVERY.		
Contaminant Qty:			

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28 | ***1 of 4*** | ***E/143.2*** | ***67.8 / 2.04*** | ***386 Richmond Rd S21***
RESIDENCE<UNOFFICIAL>
Ottawa ON K2A 0E8 | ***SPL***

Ref No:	6156-6P2LJU	**Discharger Report:**	
Site No:		**Material Group:**	Oils
Incident Dt:	4/20/2006	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Unknown	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	FURNACE OIL	**Site Address:**	386 RICHMOND RD
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	Ottawa
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:	Air	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/20/2006	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	Unknown - Reason not determined	**Source Type:**	
Site Name:	386 RICHMOND RD		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA:fuel odour complaint-386 Richmond Rd. Ottawa		
Contaminant Qty:	Not Specified		

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28 | ***2 of 4*** | ***E/143.2*** | ***67.8 / 2.04*** | ***386 Richmond Rd***
Ottawa ON K2A0E8 | ***EHS***

Order No:	20170525017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	30-MAY-17	**Search Radius (km):**	.25
Date Received:	25-MAY-17	**X:**	-75.755713
Previous Site Name:		**Y:**	45.390953
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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28 | ***3 of 4*** | ***E/143.2*** | ***67.8 / 2.04*** | ***386 Richmond Rd***
Ottawa ON K2A0E8 | ***EHS***

Order No:	20171116067	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	21-NOV-17	**Search Radius (km):**	.25
Date Received:	16-NOV-17	**X:**	-75.755712

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

Previous Site Name: **Y:** 45.391011
Lot/Building Size:
Additional Info Ordered: Topographic Maps

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28 **4 of 4** **E/143.2** **67.8 / 2.04** **Ottawa Carleton Construction Group Ltd.**
386 Richmond Road
Ottawa ON K2A 0E8 **GEN**

Generator No: ON3053460 **Status:** Registered
SIC Code: **Co Admin:**
SIC Description: **Choice of Contact:**
Approval Years: As of Oct 2019 **Phone No Admin:**
PO Box No: **Contam. Facility:**
Country: Canada **MHSW Facility:**

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

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29 **1 of 6** **E/147.2** **68.9 / 3.12** **BANK OF NOVA SCOTIA**
388 RICHMOND ROAD BRANCH 388 RICHMOND ST, OTTAWA
OTTAWA CITY ON K2A 0E8 **SPL**

Ref No: 85046 **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 5/4/1993 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: ABOVE-GROUND TANK LEAK **Sector Type:**
Incident Event: **Agency Involved:**
Contaminant Code: **Nearest Watercourse:**
Contaminant Name: **Site Address:**
Contaminant Limit 1: **Site District Office:**
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: POSSIBLE **Site Municipality:** 20101
Nature of Impact: Multi Media Pollution **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: 5/4/1993 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:**
Incident Reason: OVERSTRESS/OVERPRESSURE **Source Type:**
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BANK OF NOVA SCOTIA-2 L FURNACE OIL TO GROUND, CONTAINED.
Contaminant Qty:

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29 **2 of 6** **E/147.2** **68.9 / 3.12** **PRIVATE BUSINESS**
388 RICHMOND RD. OTTAWA BANK OF NOVA SCOTIA STORAGE TANK
OTTAWA CITY ON K2A 0E8 **SPL**

Ref No: 222829 **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 3/8/2002 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: OTHER CONTAINER LEAK **Sector Type:**

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

Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	3/8/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	GASKET, JOINT	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BANK OF NOVA SCOTIA:SPILL FUEL OIL TO PARKING LOT CONTAINED /CLEANING.		
Contaminant Qty:			

29	*3 of 6*	*E/147.2*	*68.9 / 3.12*	***PRIVATE BUSINESS*** ***BANK OF NOVA SCOTIA, 388 RICHMOND ST*** ***STORAGE TANK*** ***OTTAWA CITY ON K2A 0E8***	*SPL*

Ref No:	222842	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	3/8/2002	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	ABOVE-GROUND TANK LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	3/8/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BANK OF NOVA SCOTIA: 50L FURNACE OIL TO GROUND, NO WATER, CLEANED UP		
Contaminant Qty:			

29	*4 of 6*	*E/147.2*	*68.9 / 3.12*	***388 Richmond Rd.*** ***Ottawa ON K2A 0E8***	*SPL*

Ref No:	3388-6HZHC2	**Discharger Report:**	0
Site No:		**Material Group:**	Oil
Incident Dt:	11/8/2005	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Tank (Above Ground) Leak	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	

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

Contaminant Name:	FUEL OIL	**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:	11/8/2005	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Error- Operator error	**Source Type:**	
Site Name:	Bank of Nova Scotia<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Furnace oil spill, qty unkn, Ottawa		
Contaminant Qty:			

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29 | ***5 of 6*** | ***E/147.2*** | ***68.9 / 3.12*** | ***388 Richmond Rd Ottawa ON K2A0E8*** | ***EHS***

Order No:	20171107015	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	10-NOV-17	**Search Radius (km):**	.25
Date Received:	07-NOV-17	**X:**	-75.755826
Previous Site Name:		**Y:**	45.3909
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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29 | ***6 of 6*** | ***E/147.2*** | ***68.9 / 3.12*** | ***388 RICHMOND RD OTTAWA ON*** | ***WWIS***

Well ID:	7305578	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/13/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z277515	**Owner:**	
Tag:	A189839	**Street Name:**	388 RICHMOND RD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/01/16
Year Completed:	2018

Depth (m): 1.524
Latitude: 45.3907952633933
Longitude: -75.7556689833379
Path:

Bore Hole Information

Bore Hole ID: 1006985628
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-Jan-2018 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 440848.00
North83: 5026642.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 1007145579
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 3.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007145577
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007145578
Layer: 2

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145588
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145589
Layer:	2
Plug From:	1.0
Plug To:	2.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145590
Layer:	3
Plug From:	2.0
Plug To:	5.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007145587
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007145576
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007145583
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0

Depth To:	2.0
Casing Diameter:	1.3799999952316284
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007145584
Layer:	1
Slot:	10
Screen Top Depth:	2.0
Screen End Depth:	5.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.659999966621399

Water Details

Water ID:	1007145582
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007145581
Diameter:	2.375
Depth From:	4.0
Depth To:	5.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1007145580
Diameter:	2.875
Depth From:	0.0
Depth To:	4.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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30 | ***1 of 1*** | ***N/147.7*** | ***65.7 / -0.14*** | ***PIPELINE HIT 1/2"***
365 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA
ON | ***PINC***

Incident ID:		**Pipe Material:**	
Incident No:	1276882	**Fuel Category:**	Natural Gas
Incident Reported Dt:	11/7/2013	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	Yes
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:	4704835	**Enforce Policy:**	Yes
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2014/01/03	**Regulator Location:**	
Depth:		**Method Details:**	E-mail
Customer Acct Name:	PIPELINE HIT 1/2"		

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

Incident Address: 365 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Y9,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary: 365 ROOSEVELT AVE, OTTAWA - 1/2" PIPELINE HIT
Reported By: DAN GAUTHIER
Affiliation:
Occurrence Desc:
Damage Reason: No notification made to the one call center
Notes:

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31 **1 of 6** **SSE/150.5** **67.7 / 1.88** **574/576 Byron Avenue Ottawa ON K2A 0E4** **EHS**

Order No: 20200417062
Status: C
Report Type: Standard Report
Report Date: 22-APR-20
Date Received: 17-APR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.7571124
Y: 45.3895974

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31 **2 of 6** **SSE/150.5** **67.7 / 1.88** **574/576 Byron Avenue Ottawa ON K2A 0E4** **EHS**

Order No: 20200417062
Status: C
Report Type: Standard Report
Report Date: 22-APR-20
Date Received: 17-APR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.7571124
Y: 45.3895974

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31 **3 of 6** **SSE/150.5** **67.7 / 1.88** **574/576 Byron Avenue Ottawa ON K2A 0E4** **EHS**

Order No: 20200417062
Status: C
Report Type: Standard Report
Report Date: 22-APR-20
Date Received: 17-APR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.7571124
Y: 45.3895974

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31 **4 of 6** **SSE/150.5** **67.7 / 1.88** **574/576 Byron Avenue Ottawa ON K2A 0E4** **EHS**

Order No: 20200417062
Status: C
Report Type: Standard Report
Report Date: 22-APR-20
Date Received: 17-APR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality: Ottawa
Client Prov/State: ON
Search Radius (km): .25
X: -75.7571124
Y: 45.3895974

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	5 of 6	SSE/150.5	67.7 / 1.88	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS

Order No:	20200417062	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	22-APR-20	**Search Radius (km):**	.25
Date Received:	17-APR-20	**X:**	-75.7571124
Previous Site Name:		**Y:**	45.3895974
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	6 of 6	SSE/150.5	67.7 / 1.88	574/576 Byron Avenue Ottawa ON K2A 0E4	EHS

Order No:	20200417062	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	22-APR-20	**Search Radius (km):**	.25
Date Received:	17-APR-20	**X:**	-75.7571124
Previous Site Name:		**Y:**	45.3895974
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 1	E/151.5	68.9 / 3.12	388 RICHMOND ROAD OTTAWA ON	WWIS

Well ID:	7303999	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	1/19/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	TRUE
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z277537	**Owner:**	
Tag:	A189804	**Street Name:**	388 RICHMOND ROAD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/12/15
Year Completed:	2017
Depth (m):	1.0668
Latitude:	45.3907685998648
Longitude:	-75.755617527846
Path:	

Bore Hole Information

Bore Hole ID:	1006976693	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	440852.00
Code OB Desc:		***North83:***	5026639.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	15-Dec-2017 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007132217
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007132218
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	3.5
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007132226
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1007132227
Layer:	2
Plug From:	1.0
Plug To:	2.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007132228
Layer:	3
Plug From:	2.0
Plug To:	3.5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007132225
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007132216
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007132221
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	2.5
Casing Diameter:	1.899999976158142
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007132222
Layer:	1
Slot:	10
Screen Top Depth:	2.5
Screen End Depth:	3.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.6100000143051147

Water Details

Water ID:	1007132220
Layer:	
Kind Code:	

Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007132219
Diameter: 3.25
Depth From: 0.0
Depth To: 3.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

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33 | **1 of 1** | **SW/153.0** | **64.6 / -1.24** | **O.C. TRANSPO**
RICHMOND RD WESTBOUND AT GOLDEN
MOTOR VEHICLE (OPERATING FLUID)
OTTAWA CITY ON | **SPL**

Ref No: 169590
Site No:
Incident Dt: 6/29/1999
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/29/1999
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: O.C. TRANSPO: 13.5 L OF ANTIFREEZE TO RD. AND SEWER. CLEANING.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: WORKS
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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34 | **1 of 3** | **E/155.7** | **68.9 / 3.12** | **FREDERICK GRODDE LTD.**
379 DANFORTH AVENUE
OTTAWA ON K2A 0E1 | **GEN**

Generator No: ON1788600
SIC Code: 9999
SIC Description: OTHER SERVICES
Approval Years: 93,94,95,96,97,98,99,00,01
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	2 of 3	E/155.7	68.9 / 3.12	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN

Generator No: ON1788600
SIC Code:
SIC Description:
Approval Years: 02,03
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	3 of 3	E/155.7	68.9 / 3.12	FREDERICK GRODDE LTD. 379 DANFORTH AVENUE OTTAWA ON K2A 0E1	GEN

Generator No: ON1788600
SIC Code:
SIC Description:
Approval Years: 04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
35	1 of 1	E/156.5	68.9 / 3.12	388 RICHMOND ROAD OTTAWA ON	WWIS

Well ID: 7303998
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z277536
Tag: A182773
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src:
Date Received: 1/19/2018
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 388 RICHMOND ROAD
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/12/15
Year Completed: 2017
Depth (m): 0.9144
Latitude: 45.3907059342138
Longitude: -75.7555655926853
Path:

Bore Hole Information

Bore Hole ID: 1006976690
DP2BR:
Elevation:
Elevrc:

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	440856.00
Code OB Desc:		***North83:***	5026632.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	15-Dec-2017 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007132204
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007132205
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007132215
Layer:	3
Plug From:	2.0
Plug To:	3.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007132213
Layer:	1

Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007132214
Layer: 2
Plug From: 1.0
Plug To: 2.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007132212
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007132203
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007132208
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 2.0
Casing Diameter: 1.0490000247955322
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007132209
Layer: 1
Slot: 10
Screen Top Depth: 2.0
Screen End Depth: 3.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.315000057220459

Water Details

Water ID: 1007132207
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

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

Hole Diameter

Hole ID:	1007132206
Diameter:	2.375
Depth From:	0.0
Depth To:	3.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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36 | ***1 of 2*** | ***WNW/162.0*** | ***63.0 / -2.85*** | ***Carlton Condominium Corporation No. 81***
370 Dominion Ave Lot 29, Concession 1
Ottawa ON | ***CA***

Certificate #:	6178-7GFMDC
Application Year:	2008
Issue Date:	8/8/2008
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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36 | ***2 of 2*** | ***WNW/162.0*** | ***63.0 / -2.85*** | ***Carlton Condominium Corporation No. 81***
370 Dominion Ave Lot 29, Concession 1
Ottawa ON K2A 3X4 | ***ECA***

Approval No:	6178-7GFMDC	***MOE District:***	Ottawa
Approval Date:	2008-08-08	***City:***	
Status:	Approved	***Longitude:***	-75.76002
Record Type:	ECA	***Latitude:***	45.39137
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	Rideau Valley	***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Carlton Condominium Corporation No. 81		
Address:	370 Dominion Ave Lot 29, Concession 1		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0818-75NRHF-14.pdf		
PDF Site Location:			

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37 | ***1 of 1*** | ***E/163.3*** | ***68.0 / 2.17*** | ***380 Richmond Rd***
Ottawa ON K2A 0E8 | ***EHS***

Order No:	20121221002	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	27-DEC-12	***Search Radius (km):***	.25
Date Received:	21-DEC-12	***X:***	-75.755508
Previous Site Name:		***Y:***	45.391245
Lot/Building Size:			
Additional Info Ordered:			

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38 | ***1 of 2*** | ***ENE/167.9*** | ***67.9 / 2.04*** | ***AL PARSONS (OUT OF BUSINESS)***
376 MADISON AVE. | ***GEN***

OTTAWA ON K2A 0B7

Generator No:	ON1029900	**Status:**	
SIC Code:	5412	**Co Admin:**	
SIC Description:	ELECTRONIC HH. APP.	**Choice of Contact:**	
Approval Years:	88,89,90	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	2 of 2	ENE/167.9	67.9 / 2.04	AL PARSONS (OUT OF BUSINESS) 02-233 376 MADISON AVE. OTTAWA ON K2A 0B7	GEN

Generator No:	ON1029900	**Status:**	
SIC Code:	5412	**Co Admin:**	
SIC Description:	ELECTRONIC HH. APP.	**Choice of Contact:**	
Approval Years:	92,93,94,95,96,97,98	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	E/170.3	68.0 / 2.17	ON	WWIS

Well ID:	7374308	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/4/2020
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	8
Audit No:	C33717	**Owner:**	
Tag:	A290249	**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1008520562	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440869.00
Code OB Desc:		**North83:**	5026688.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	01-Oct-2020 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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40 | ***1 of 1*** | ***E/176.7*** | ***68.9 / 3.12*** | ***380 RICHMOND ROAD OTTAWA ON*** | ***WWIS***

Well ID:	7198182	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	3/7/2013
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z163364	***Owner:***	
Tag:	A141813	***Street Name:***	380 RICHMOND ROAD
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2013/01/25
Year Completed:	2013
Depth (m):	10.67
Latitude:	45.391022811298
Longitude:	-75.7552887628712
Path:	

Bore Hole Information

Bore Hole ID:	1004260983	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	440878.00
Code OB Desc:		***North83:***	5026667.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	25-Jan-2013 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004820108

Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.3100000023841858
Formation End Depth: 0.6100000143051147
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004820109
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.6100000143051147
Formation End Depth: 1.2200000286102295
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004820107
Layer: 1
Color: 7
General Color: RED
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004820110
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 1.2200000286102295
Formation End Depth: 10.670000076293945
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004820121
Layer: 3
Plug From: 7.010000228881836
Plug To: 10.670000076293945
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004820120
Layer: 2
Plug From: 0.3100000023841858
Plug To: 7.010000228881836
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004820119
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004820118
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1004820106
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004820114
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 7.619999885559082
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004820115
Layer: 1
Slot: 10

Screen Top Depth:	7.619999885559082
Screen End Depth:	10.670000076293945
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.820000171661377

Water Details

Water ID:	1004820113
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004820111
Diameter:	11.430000305175781
Depth From:	0.0
Depth To:	1.5199999809265137
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1004820112
Diameter:	7.619999885559082
Depth From:	1.5199999809265137
Depth To:	10.670000076293945
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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41 | ***1 of 1*** | ***ENE/178.1*** | ***67.8 / 2.02*** | ***388 RICHMOND RD OTTAWA ON*** | ***WWIS***

Well ID:	7305577	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	2/13/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z277516	**Owner:**	
Tag:	A190061	**Street Name:**	388 RICHMOND RD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2018/01/16
Year Completed:	2018
Depth (m):	3.3528
Latitude:	45.391588661562
Longitude:	-75.7554751532246
Path:	

Bore Hole Information

Bore Hole ID:	1006985625	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440864.00
Code OB Desc:		**North83:**	5026730.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	16-Jan-2018 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007145564
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	5.5
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007145563
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	3.5
Formation End Depth:	5.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007145562
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	3.5
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145575
Layer:	3
Plug From:	5.5
Plug To:	11.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145574
Layer:	2
Plug From:	1.0
Plug To:	5.5
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007145573
Layer:	1
Plug From:	0.0
Plug To:	1.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007145572
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1007145561
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007145568
Layer:	1
Material:	5

Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 6.0
Casing Diameter: 1.3799999952316284
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007145569
Layer: 1
Slot: 10
Screen Top Depth: 6.0
Screen End Depth: 11.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.659999966621399

Water Details

Water ID: 1007145567
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007145565
Diameter: 2.875
Depth From: 0.0
Depth To: 4.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1007145566
Diameter: 2.375
Depth From: 4.0
Depth To: 11.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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42 ***1 of 2*** ***ESE/180.0*** ***69.0 / 3.21*** ***Enbridge Gas Distribution Inc.*** ***433 Roosevelt Ave.*** ***Ottawa ON*** ***SPL***

Ref No: 8230-BFSLAG
Site No: NA
Incident Dt: 9/7/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: 1075
Environment Impact:

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 433 Roosevelt Ave.
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa

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

Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/7/2019	**Site Map Datum:**	
Dt Document Closed:	10/24/2019	**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Pipeline/Components
Site Name:	Residential<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: Enbridge: 1/2" plastic IP nat gas line strike to atm.		
Contaminant Qty:	0 other - see incident description		

42	2 of 2	ESE/180.0	69.0 / 3.21	ENBRIDGE GAS INC 433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA ON	PINC

Incident ID:		**Pipe Material:**	
Incident No:	2679440	**Fuel Category:**	
Incident Reported Dt:	9/9/2019	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	ENBRIDGE GAS INC		
Incident Address:	433 ROOSEVELT AVE,,OTTAWA,ON,K2A 1Z4,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

43	1 of 1	SE/185.0	68.8 / 3.00	415 Ravenhill Avenue Ottawa ON	SPL

Ref No:	8110-ACZMXA	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	8/20/2016	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Operator/Human error	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	FURNACE OIL	**Site Address:**	415 Ravenhill Avenue
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	5026484

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

MOE Response:		**Easting:**	440792
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	8/20/2016	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Primary Assessment of Incident
Incident Reason:	Unknown / N/A	**Source Type:**	
Site Name:	Residence <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Oil tank dumped into truck and spilled contents		
Contaminant Qty:	0 other - see incident description		

44	1 of 1	WSW/188.5	62.2 / -3.63	465 RICHMOND RD OTTAWA ON	WWIS

Well ID:	7163102	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	5/13/2011
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	7
Audit No:	Z127806	**Owner:**	
Tag:	A108223	**Street Name:**	465 RICHMOND RD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2011/04/30
Year Completed:	2011
Depth (m):	
Latitude:	45.3900758706434
Longitude:	-75.7596323853649
Path:	

Bore Hole Information

Bore Hole ID:	1003526264	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440537.00
Code OB Desc:		**North83:**	5026565.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	30-Apr-2011 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1003821613
Layer: 2
Plug From: 0.15000000596046448
Plug To: 2.130000114440918
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003821612
Layer: 1
Plug From: 0.0
Plug To: 0.15000000596046448
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003821616
Layer: 2
Plug From: 2.440000057220459
Plug To: 5.909999847412109
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003821615
Layer: 1
Plug From: 0.0
Plug To: 2.440000057220459
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003821614
Layer: 3
Plug From: 2.130000114440918
Plug To: 5.909999847412109
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1003821610
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 1003821602
Casing No: 0
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	1003821607
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	2.8299999237060547
Casing Diameter:	3.5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003821608
Layer:	1
Slot:	10
Screen Top Depth:	2.8299999237060547
Screen End Depth:	5.909999847412109
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.099999904632568

Water Details

Water ID:	1003821606
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003821604
Diameter:	7.5
Depth From:	0.0
Depth To:	2.299999952316284
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1003821605
Diameter:	5.599999904632568
Depth From:	2.299999952316284
Depth To:	5.909999847412109
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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45 ***1 of 2*** ***ENE/191.3*** ***68.0 / 2.20*** ***JOSEPH C. GAFFNEY***
372 RICHMOND ROAD
OTTAWA ON K2A 0E8 ***GEN***

Generator No:	ON1338700	***Status:***	
SIC Code:	6331	***Co Admin:***	
SIC Description:	GASOLINE SERV. ST.	***Choice of Contact:***	
Approval Years:	90	***Phone No Admin:***	

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

PO Box No: **Contam. Facility:**
Country: **MHSW Facility:**

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

45 **2 of 2** **ENE/191.3** **68.0 / 2.20** **JOSEPH C. GAFFNEY 22-433**
372 RICHMOND ROAD
OTTAWA ON K2A 0E8 **GEN**

Generator No: ON1338700 **Status:**
SIC Code: 6331 **Co Admin:**
SIC Description: GASOLINE SERV. ST. **Choice of Contact:**
Approval Years: 92,93,94,95,96,97,98 **Phone No Admin:**
PO Box No: **Contam. Facility:**
Country: **MHSW Facility:**

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

46 **1 of 2** **SSE/195.2** **67.9 / 2.11** **Golden Ave., Cole Ave., Ravenhill Ave.**
Ottawa ON **CA**

Certificate #: 3435-4KDS7N
Application Year: 00
Issue Date: 5/17/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Construction of a Sanitary Sewer on Golden Ave. from Ravenhill Ave. to Byron Ave. Construction of a Sanitary Sewer on Ravenhill Ave. from Cole St. to Golden Ave. Construction of a Sanitary Sewer on Cole St. from Avondale Ave. to Ravenhill Ave.
Contaminants:
Emission Control:

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46 **2 of 2** **SSE/195.2** **67.9 / 2.11** **Golden Ave., Cole Ave., Ravenhill Ave.**
Ottawa ON **CA**

Certificate #: 0267-4KEHS6
Application Year: 00
Issue Date: 5/17/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Construction of a Watermain on Cole St. from Avondale Ave. to Ravenhill Ave. Construction of a Watermain on Ravenhill Ave. from Cole St. to Golden Ave. Construction of a Watermain on Golden Ave. from Ravenhill Ave. to Byron Ave.
Contaminants:
Emission Control:

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

47 | **1 of 1** | **NW/202.7** | **63.8 / -1.97** | **345 BERKLEY AVENUE OTTAWA ON K2A 2G9** | **HINC**

External File Num:	FS INC 0706-03116
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	6/12/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

48 | **1 of 3** | **E/208.9** | **68.9 / 3.05** | **366 Richmond Rd Ottawa ON K2A 0E8** | **EHS**

Order No:	20282400321	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	31-AUG-20	**Search Radius (km):**	.25
Date Received:	24-AUG-20	**X:**	-75.7549521
Previous Site Name:		**Y:**	45.3913714
Lot/Building Size:			
Additional Info Ordered:			

48 | **2 of 3** | **E/208.9** | **68.9 / 3.05** | **366 Richmond Rd Ottawa ON K2A 0E8** | **EHS**

Order No:	20282400321	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	31-AUG-20	**Search Radius (km):**	.25
Date Received:	24-AUG-20	**X:**	-75.7549521
Previous Site Name:		**Y:**	45.3913714
Lot/Building Size:			
Additional Info Ordered:			

48 | **3 of 3** | **E/208.9** | **68.9 / 3.05** | **366 Richmond Rd Ottawa ON K2A 0E8** | **EHS**

Order No:	20282400321	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	31-AUG-20	**Search Radius (km):**	.25
Date Received:	24-AUG-20	**X:**	-75.7549521

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				**Y:** 45.3913714	
Lot/Building Size:					
Additional Info Ordered:					

49	1 of 1	ESE/211.5	69.9 / 4.11	**First General Services (URA)** **528 Byron St** **Ottawa ON K2A 0E3**	GEN

Generator No:	ON3182297
SIC Code:	
SIC Description:	
Approval Years:	03,04
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contam. Facility:	
MHSW Facility:	

50	1 of 11	E/216.8	68.9 / 3.05	**Mountain Equipment Co-op** **366 Richmond Road** **Ottawa ON**	GEN

Generator No:	ON6336429
SIC Code:	451110, 811490
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE
Approval Years:	2013
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contam. Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

50	2 of 11	E/216.8	68.9 / 3.05	**Mountain Equipment Co-op** **366 Richmond Road** **Ottawa ON K2A 0E8**	GEN

Generator No:	ON6336429
SIC Code:	451110, 811490
SIC Description:	
Approval Years:	2011
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contam. Facility:	
MHSW Facility:	

50	3 of 11	E/216.8	68.9 / 3.05	**Mountain Equipment Co-op** **366 Richmond Road** **Ottawa ON K2A 0E8**	GEN

Generator No:	ON6336429
SIC Code:	451110, 811490
SIC Description:	Sporting Goods Stores, Other Personal and Household Goods Repair and Maintenance
Approval Years:	2012
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contam. Facility:	
MHSW Facility:	

50	4 of 11	E/216.8	68.9 / 3.05	**Mountain Equipment Co-op** **366 Richmond Road** **Ottawa ON K2A 0E8**	GEN

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

Generator No:	ON6336429	***Status:***	
SIC Code:	451110, 811490	***Co Admin:***	Justin Partridge
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2015	***Phone No Admin:***	6137297802 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

50	***5 of 11***	***E/216.8***	***68.9 / 3.05***	***Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8***	***GEN***

Generator No:	ON6336429	***Status:***	
SIC Code:	451110, 811490	***Co Admin:***	Justin Partridge
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2016	***Phone No Admin:***	6137297802 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

50	***6 of 11***	***E/216.8***	***68.9 / 3.05***	***Mountain Equipment Co-op 366 Richmond Road Ottawa ON K2A 0E8***	***GEN***

Generator No:	ON6336429	***Status:***	
SIC Code:	451110, 811490	***Co Admin:***	Lukasz Dybinksi
SIC Description:	SPORTING GOODS STORES, OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2014	***Phone No Admin:***	613 729 7802 Ext.
PO Box No:		***Contam. Facility:***	No
Country:	Canada	***MHSW Facility:***	No

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

50	***7 of 11***	***E/216.8***	***68.9 / 3.05***	***Mountain Equipment Co-op Ottawa 366 Richmond Road***	***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K2A 0E8	

Generator No: ON6336429
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

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

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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50 | ***8 of 11*** | ***E/216.8*** | ***68.9 / 3.05*** | ***Mountain Equipment Co-op Ottawa***
366 Richmond Road
Ottawa ON K2A 0E8 | ***GEN***

Generator No: ON6336429
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

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50 | ***9 of 11*** | ***E/216.8*** | ***68.9 / 3.05*** | ***MOUNTAIN EQUIPMENT CO-OPERATIVE***
366 RICHMOND RD
OTTAWA ON K2A 0E8 | ***PES***

Detail Licence No:
Licence No: L-232-3030715030
Status: Active
Approval Date: 2018-10-16
Report Source: PEST-Limited Vendor
Licence Type: Limited Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude: 45.39111111
Longitude: -75.75472222
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District: Ottawa
SWP Area Name: Rideau Valley

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

Trade Name:
PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2098076
PDF Site Location:

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50 | **10 of 11** | **E/216.8** | **68.9 / 3.05** | **MEC MOUNTAIN EQUIPMENT COMPANY LTD.**
366 RICHMOND RD
OTTAWA ON K2A 0E8 | **PES**

Detail Licence No:		**Operator Box:**	
Licence No:	L-232-7104524418	**Operator Class:**	
Status:	Active	**Operator No:**	
Approval Date:	2020-11-17	**Operator Type:**	
Report Source:	PEST-Limited Vendor	**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:	45.39111111	**Operator Region:**	
Longitude:	-75.75472222	**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	Ottawa
County:		**SWP Area Name:**	Rideau Valley

Trade Name:
PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2304627
PDF Site Location:

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50 | **11 of 11** | **E/216.8** | **68.9 / 3.05** | **366 Richmond Rd**
Ottawa ON K2A 0E8 | **EHS**

Order No:	20282400321	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	31-AUG-20	**Search Radius (km):**	.25
Date Received:	24-AUG-20	**X:**	-75.7549521
Previous Site Name:		**Y:**	45.3913714
Lot/Building Size:			
Additional Info Ordered:			

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51 | **1 of 1** | **S/221.1** | **66.9 / 1.06** | **379 WILMONT AVE**
OTTAWA ON | **WWIS**

Well ID:	7195201	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	1/15/2013
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z157190	**Owner:**	
Tag:		**Street Name:**	379 WILMONT AVE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

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

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2012/12/14
Year Completed: 2012
Depth (m):
Latitude: 45.3889292251449
Longitude: -75.7574453388962
Path:

Bore Hole Information

Bore Hole ID: 1004234199 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 440707.00
Code OB Desc: ***North83:*** 5026436.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 14-Dec-2012 00:00:00 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1004755845
Layer: 1
Plug From: 0.0
Plug To: 0.6100000143051147
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004755846
Layer: 2
Plug From: 0.6100000143051147
Plug To: 4.570000171661377
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004755844
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: HAND PULLED

Pipe Information

Pipe ID: 1004755838
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004755842
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.8300000429153442
Casing Diameter: 5.199999809265137
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004755843
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1004755841
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004755840
Diameter: 6.03000020980835
Depth From: 0.0
Depth To: 1.8300000429153442
Hole Depth UOM: m
Hole Diameter UOM: cm

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52 | 1 of 3 | W/222.7 | 60.8 / -5.00 | **1129029 ONTARIO INC.**
465 RICHMOND RD
OTTAWA ON K2A 1Z1 | EASR

Approval No: R-002-1000000342
Status: REGISTERED
Date: 2012-01-13
Record Type: EASR
Link Source: MOFA
Project Type: Standby Power System
Full Address:
Approval Type: EASR-Standby Power System
SWP Area Name: Rideau Valley
PDF URL:
PDF Site Location:

MOE District: Ottawa
Municipality: OTTAWA
Latitude: 45.390305
Longitude: -75.75999
Geometry X:
Geometry Y:

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

52 *2 of 3* *W/222.7* *60.8 / -5.00* **Watters Environmental** **GEN**
465 Richmond Rd
Ottawa ON

Generator No:	ON2807484	**Status:**	
SIC Code:	541620	**Co Admin:**	
SIC Description:	ENVIRONMENTAL CONSULTING SERVICES	**Choice of Contact:**	
Approval Years:	2013	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

52 *3 of 3* *W/222.7* *60.8 / -5.00* **Watters Environmental** **GEN**
465 Richmond Rd
Ottawa ON K2A 1Z1

Generator No:	ON2807484	**Status:**	
SIC Code:	541620	**Co Admin:**	
SIC Description:	ENVIRONMENTAL CONSULTING SERVICES	**Choice of Contact:**	CO_OFFICIAL
Approval Years:	2014	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	No
Country:	Canada	**MHSW Facility:**	No

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

53 *1 of 1* *NE/225.7* *66.9 / 1.04* **363 Madison Ave** **EHS**
Ottawa ON K2A0B6

Order No:	20130709019	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	18-JUL-13	**Search Radius (km):**	.25
Date Received:	09-JUL-13	**X:**	-75.755576
Previous Site Name:	Unknown	**Y:**	45.392404
Lot/Building Size:	450 sm		
Additional Info Ordered:			

54 *1 of 1* *ESE/226.1* *69.9 / 4.08* **PE543x- 522 Lower Byron Avenue** **EHS**
Ottawa ON K2A 0E3

Order No:	21082700363	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	01-SEP-21	**Search Radius (km):**	.25
Date Received:	27-AUG-21	**X:**	-75.7547634
Previous Site Name:		**Y:**	45.3903617
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
55	1 of 1	NNW/230.9	63.9 / -1.96	342 Roosevelt Ave Ottawa ON K2A1Z3	EHS

Order No:	20170619024	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JUN-17	**Search Radius (km):**	.25
Date Received:	19-JUN-17	**X:**	-75.758667
Previous Site Name:		**Y:**	45.392839
Lot/Building Size:	6776 sq ft		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
56	1 of 1	S/234.7	65.8 / 0.01	The Corporation of the City of Ottawa Golden Ave., Cole Ave., Ravenhill Ave. Ottawa ON K1N 5A1	ECA

Approval No:	3435-4KDS7N	**MOE District:**	Ottawa
Approval Date:	2000-05-17	**City:**	
Status:	Approved	**Longitude:**	-75.7536
Record Type:	ECA	**Latitude:**	45.3865
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Ottawa
Address: Golden Ave., Cole Ave., Ravenhill Ave.
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1225-4K6QUC-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
57	1 of 1	SE/239.3	69.8 / 3.99	PRIVATE OWNER 454 ROOSEVELT STORAGE TANK/BARREL OTTAWA CITY ON K2A 1Z6	SPL

Ref No:	41998	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/11/1990	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	UNDERGROUND TANK LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	20101
Nature of Impact:	Water course or lake	**Site Lot:**	
Receiving Medium:	LAND / WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/11/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	OVERSTRESS/OVERPRESSURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: FURNACE OIL TANK-500 L FURNACE OIL TO BASEMENT FLOOR AND OTTAWA RIVER
Contaminant Qty:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
58	1 of 13	WSW/240.7	62.6 / -3.24	MACLEAN HUNTER CABLE TV LIMITED 475 RICHMOND ROAD WEST OTTAWA CITY ON	CA

Certificate #: 8-4013-94-
Application Year: 94
Issue Date: 4/7/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: SOIL VAPOUR EXTRACTION SYSTEM
Contaminants: Percholorethylene, Trichloroethylene
Emission Control: Act. Charcoal Filter

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
58	2 of 13	WSW/240.7	62.6 / -3.24	ROGERS OTTAWA LIMITED 475 RICHMOND RD., LOT 29/C-1 OTTAWA CITY ON K2A 3Y8	CA

Certificate #: 8-4222-99-
Application Year: 99
Issue Date: 12/17/1999
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: G-WATER TREATMENT/RECIRCULATION SYSTEM
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
58	3 of 13	WSW/240.7	62.6 / -3.24	Rogers Ottawa Limited 475 Richmond Road, Lot 29, Parts 1 & 2, Concession 1 CITY OF OTTAWA ON	EBR

EBR Registry No: IA9E1258
Ministry Ref No: 8422299
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 15, 2005
Proposal Date: October 18, 1999
Year: 1999
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: Rogers Ottawa Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 475 Richmond Road, Ottawa Ontario, K2A 3Y8
Comment Period:
URL:

Site Location Details:

475 Richmond Road, Lot 29, Parts 1 & 2, Concession 1 CITY OF OTTAWA

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

58 | 4 of 13 | WSW/240.7 | 62.6 / -3.24 | ROGERS OTTAWA LTD.
475 RICHMOND ROAD
OTTAWA ON K2A 3Y8 | GEN

Generator No:	ON8751322	Status:	
SIC Code:	334290	Co Admin:	
SIC Description:	Other Communications Equipment Mfg.	Choice of Contact:	
Approval Years:	03,04	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

58 | 5 of 13 | WSW/240.7 | 62.6 / -3.24 | 475 Richmond Road
Ottawa ON K2A 3Y8 | EHS

Order No:	20070416027	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	CAN - Custom Report	Client Prov/State:	
Report Date:	4/25/2007	Search Radius (km):	0.25
Date Received:	4/16/2007	X:	-75.759948
Previous Site Name:		Y:	45.38943
Lot/Building Size:			
Additional Info Ordered:			

58 | 6 of 13 | WSW/240.7 | 62.6 / -3.24 | ROGERS TELEVISION
475 RICHMOND ROAD
OTTAWA ON K2A 3Y8 | GEN

Generator No:	ON3660509	Status:	
SIC Code:	515120	Co Admin:	
SIC Description:	Television Broadcasting	Choice of Contact:	
Approval Years:	07,08	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	243
Waste Class Desc:	PCB'S

58 | 7 of 13 | WSW/240.7 | 62.6 / -3.24 | Rogers Communications Inc.
475 Richmond Rd
Ottawa ON K2A 3Y8 | CA

Certificate #:	9207-8KRK23
Application Year:	2011
Issue Date:	8/15/2011
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	

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

Emission Control:

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58 | ***8 of 13*** | ***WSW/240.7*** | ***62.6 / -3.24*** | ***Rogers Communications Inc.*** | ***GEN***
475 Richmond Road
Ottawa ON K2A 3Y8

Generator No:	ON9110836	***Status:***	
SIC Code:	515110, 517111, 517112	***Co Admin:***	
SIC Description:	Radio Broadcasting	***Choice of Contact:***	
Approval Years:	2010	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	243
Waste Class Desc:	PCBS

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58 | ***9 of 13*** | ***WSW/240.7*** | ***62.6 / -3.24*** | ***BLJC Facility Management Services<UNOFFICIAL>*** | ***SPL***
475 Richmond Road
Ottawa ON

Ref No:	1840-9PYVT7	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/10/17	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Leak/Break	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	12	***Nearest Watercourse:***	
Contaminant Name:	GASOLINE	***Site Address:***	475 Richmond Road
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/10/17	***Site Map Datum:***	
Dt Document Closed:	2014/10/22	***SAC Action Class:***	Primary Assessment of Incident
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	Lot and CB<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BLJC: Gasoline to lot/CB, cleaned.		
Contaminant Qty:	10 L		

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58 | ***10 of 13*** | ***WSW/240.7*** | ***62.6 / -3.24*** | ***Rogers Communications Inc.*** | ***ECA***
475 Richmond Rd
Ottawa ON M4W 1G9

Approval No:	1729-A4BQDJ	***MOE District:***	Ottawa
Approval Date:	2015-11-16	***City:***	
Status:	Approved	***Longitude:***	-75.75963
Record Type:	ECA	***Latitude:***	45.38919
Link Source:	IDS	***Geometry X:***	
SWP Area Name:	Rideau Valley	***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		

Business Name: Rogers Communications Inc.
Address: 475 Richmond Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4792-9XMHYW-14.pdf
PDF Site Location:

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58 **11 of 13** **WSW/240.7** **62.6 / -3.24** **Tomlinson Environmental Services Ltd** **SPL**
475 Richmond Rd
Ottawa ON

Ref No:	5055-9Y3R6K	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	7/3/2015	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:		**Agency Involved:**	
Contaminant Code:	12	**Nearest Watercourse:**	
Contaminant Name:	GASOLINE	**Site Address:**	475 Richmond Rd
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	7/3/2015	**Site Map Datum:**	
Dt Document Closed:	7/7/2015	**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	

Site Name: Service Yard<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: 2L gasoline to pavement
Contaminant Qty: 2 L

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58 **12 of 13** **WSW/240.7** **62.6 / -3.24** **Rogers Communications Inc.** **ECA**
475 Richmond Rd
Ottawa ON M4Y 2Y5

Approval No:	9207-8KRK23	**MOE District:**	Ottawa
Approval Date:	2011-08-15	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.75963
Record Type:	ECA	**Latitude:**	45.38919
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	

Approval Type: ECA-AIR
Project Type: AIR
Business Name: Rogers Communications Inc.
Address: 475 Richmond Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0987-8HZRV3-14.pdf
PDF Site Location:

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58 **13 of 13** **WSW/240.7** **62.6 / -3.24** **Rogers Communications** **GEN**
475 Richmond Rd
Ottawa ON K2A 3Y8

Generator No:	ON6811339	**Status:**	Registered
SIC Code:		**Co Admin:**	

SIC Description:		**Choice of Contact:**	
Approval Years:	As of Dec 2017	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

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

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59 | ***1 of 1*** | ***ESE/241.0*** | ***70.2 / 4.35*** | ***345 RAVENHURST AVE. WELL #1 Ottawa ON*** | ***WWIS***

Well ID:	7218236	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	3/21/2014
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z172519	**Owner:**	
Tag:		**Street Name:**	345 RAVENHURST AVE. WELL #1
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**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/721\7218236.pdf

Additional Detail(s) (Map)

Well Completed Date:	2013/07/25
Year Completed:	2013
Depth (m):	
Latitude:	45.3900815557785
Longitude:	-75.7547013558811
Path:	721\7218236.pdf

Bore Hole Information

Bore Hole ID:	1004724871	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	440923.00
Code OB Desc:		**North83:**	5026562.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	25-Jul-2013 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005102007
Layer:	1
Plug From:	137.14999389648438
Plug To:	1.8200000524520874
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005102006
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1005102000
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005102004
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005102005
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1005102003
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

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

Hole ID: 1005102002
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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60 *1 of 2* *E/242.2* *68.8 / 3.02*

VELO SPORTABLE CYCLE
358 RICHMOND ROAD
OTTAWA ON K2A 0E8

GEN

Generator No: ON1830701
SIC Code: 6541
SIC Description: SPORTING GOODS STORE
Approval Years: 00,01
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

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60 *2 of 2* *E/242.2* *68.8 / 3.02*

1534244 Ontario Inc
358 Richmond Road
Ottawa ON

GEN

Generator No: ON5993376
SIC Code: 451110
SIC Description: Sporting Goods Stores
Approval Years: 03,04,06
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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61 *1 of 1* *E/244.8* *69.8 / 4.01*

PRIVATE RESIDENCE
518 BYRON AVE. STORAGE TANK/BARREL
OTTAWA CITY ON K2A 0E3

SPL

Ref No: 27129

Discharger Report:

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

Site No:		**Material Group:**	
Incident Dt:	10/28/1989	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CAUSE (N.O.S.)	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20101
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/28/1989	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	CORROSION	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: 400 L FURNACE OIL TO GRD AT RESIDENCE.
Contaminant Qty:

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62 *1 of 2* *ENE/247.0* *68.8 / 3.02* ***356 Richmond Road, Ottawa ON K2A 0E8*** ***EHS***

Order No:	20091223015	**Nearest Intersection:**	Richmond road and Churchill Avenue
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	12/31/2009	**Search Radius (km):**	0.25
Date Received:	12/23/2009	**X:**	-75.754594
Previous Site Name:		**Y:**	45.391582
Lot/Building Size:	5100 square feet		

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

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62 *2 of 2* *ENE/247.0* *68.8 / 3.02* ***356 Richmond Road, Ottawa ON*** ***EHS***

Order No:	20160608079	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	15-JUN-16	**Search Radius (km):**	.25
Date Received:	08-JUN-16	**X:**	-75.754455
Previous Site Name:	Antique Store, unknown	**Y:**	45.391589
Lot/Building Size:	~0.1 ac		
Additional Info Ordered:			

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63 *1 of 6* *NNW/247.7* *64.2 / -1.63* ***Fendor Glass & Aluminum Inc., 335 Roosevelt Ave, Ottawa ON K2A 1Y9*** ***SCT***

Established: 01-AUG-41
Plant Size (ft²): 30000
Employment:

--Details--
Description: Glass Product Manufacturing from Purchased Glass
SIC/NAICS Code: 327215

Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321

Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321

Description: Prefabricated Metal Building and Component Manufacturing
SIC/NAICS Code: 332311

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63 **2 of 6** **NNW/247.7** **64.2 / -1.63**

OTTAWA SPECIALTY COATINGS INC
335 C ROOSEVELT AVE
OTTAWA ON K2A 1Y9

GEN

Generator No: ON1908387
SIC Code: 332319
SIC Description: Other Plate Work and Fabricated Structural Product Manufacturing
Approval Years: 05,06,07,08
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

---

63 **3 of 6** **NNW/247.7** **64.2 / -1.63**

OTTAWA SPECIALTY COATINGS INC
335 C ROOSEVELT AVE
OTTAWA ON K2A 1Y9

GEN

Generator No: ON1908387
SIC Code: 332319
SIC Description: Other Plate Work and Fabricated Structural Product Manufacturing
Approval Years: 2009
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

---

63 **4 of 6** **NNW/247.7** **64.2 / -1.63**

OTTAWA SPECIALTY COATINGS INC
335 C ROOSEVELT AVE
OTTAWA ON K2A 1Y9

GEN

Generator No: ON1908387
SIC Code: 332319
SIC Description: Other Plate Work and Fabricated Structural Product Manufacturing
Approval Years: 2010
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

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

Detail(s)

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

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

---

63 | ***5 of 6*** | ***NNW/247.7*** | ***64.2 / -1.63*** | ***OTTAWA SPECIALTY COATINGS INC***
335 C ROOSEVELT AVE
OTTAWA ON K2A 1Y9 | ***GEN***

Generator No: ON1908387
SIC Code: 332319
SIC Description: Other Plate Work and Fabricated Structural Product Manufacturing
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

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63 | ***6 of 6*** | ***NNW/247.7*** | ***64.2 / -1.63*** | ***335 Roosevelt Ave***
Ottawa ON K2A 1Y9 | ***EHS***

Order No: 20200424023
Status: C
Report Type: Standard Report
Report Date: 29-APR-20
Date Received: 24-APR-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.7580409
Y: 45.3932937

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64 | ***1 of 1*** | ***E/249.6*** | ***69.9 / 4.08*** | ***Byron***
Ottawa ON | ***EHS***

Order No: 20170727112
Status: C
Report Type: Custom Report
Report Date: 03-AUG-17
Date Received: 27-JUL-17
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.754379
Y: 45.390631

Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CITY	BYRON AVE.	OTTAWA ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA		Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Bourke Family Development Inc.	Byron Ave Reginstered Plan No. 204	Ottawa ON	
CA	OTTAWA CITY	ROOSEVELT AVE.	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	BYRON AVENUE	OTTAWA CITY ON	
EBR	Tomlinson Environmental Services Ltd.	Mobile Facility Ottawa CITY OF OTTAWA	ON	
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K2R 6K7
ECA	2317916 Ontario Inc.	Roosevelt Ave	Ottawa ON	K1S 3J2
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K1G 3N4
GEN	Kiewit Eurovia Vinci	Dominion Station Dominion Avenue	Ottawa ON	K2A 3X4
SPL	ESSO PETROLEUM CANADA	ESSO DISTRIBUTION STATION BULK STATION	OTTAWA CITY ON	
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON	

SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON
SPL	OC TRANSPO	MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON
SPL	Tomlinson Environmental Services Ltd.		Ottawa ON
WWIS		lot 31	ON
WWIS		lot 31	ON

Unplottable Report

Site: ***CITY***
BYRON AVE. OTTAWA ON

Database: ***CA***

Certificate #:	3-0302-85-006
Application Year:	85
Issue Date:	4/22/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	7893-5NLQJH
Application Year:	2003
Issue Date:	6/18/2003
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: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0159-96-
Application Year:	96
Issue Date:	4/1/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	7965-5ERRRZ
Application Year:	02

Issue Date:	10/11/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	6859-5X8K46
Application Year:	2004
Issue Date:	3/23/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Bourke Family Development Inc.***
Byron Ave Reginstered Plan No. 204 Ottawa ON

Database: ***CA***

Certificate #:	3911-7BKMY9
Application Year:	2008
Issue Date:	2/7/2008
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: ***OTTAWA CITY***
ROOSEVELT AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-2058-88-
Application Year:	88
Issue Date:	10/26/1988
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***NON-PROFIT HOUSING CORPORATION***
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 1424-6CXJGA
Application Year: 2005
Issue Date: 6/3/2005
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: ***OTTAWA CITY***
BYRON AVENUE OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1320-88-
Application Year: 88
Issue Date: 8/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***Tomlinson Environmental Services Ltd.***
Mobile Facility Ottawa CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 011-5279
Ministry Ref No: 7519-8P2K34
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 11, 2016
Proposal Date: December 05, 2011
Year: 2011
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: Tomlinson Environmental Services Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 5597 Power Road, Ottawa Ontario, Canada K1G 3N4
Comment Period:
URL:

Site Location Details:

Mobile Facility Ottawa CITY OF OTTAWA

Site: ***Tomlinson Environmental Services Ltd.***
Mobile Facility Ottawa ON K2R 6K7

Database: ***ECA***

Approval No: 7083-BXLJKZ
Approval Date: 2021-03-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Tomlinson Environmental Services Ltd.
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5994-BVEHYM-14.pdf
PDF Site Location:

Site: ***2317916 Ontario Inc.***
Roosevelt Ave Ottawa ON K1S 3J2

Database: ***ECA***

Approval No: 6901-8Z7LWC
Approval Date: 2012-10-31
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: 2317916 Ontario Inc.
Address: Roosevelt Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7883-8YZSYS-14.pdf
PDF Site Location:

Site: ***Tomlinson Environmental Services Ltd.***
Mobile Facility Ottawa ON K1G 3N4

Database: ***ECA***

Approval No:	1685-A6EJ97	***MOE District:***	
Approval Date:	2016-02-03	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	Tomlinson Environmental Services Ltd.		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7519-8P2K34-14.pdf		
PDF Site Location:			

Site: ***Kiewit Eurovia Vinci***
Dominion Station Dominion Avenue Ottawa ON K2A 3X4

Database: ***GEN***

Generator No:	ON7101180	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Nov 2021	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:	Canada	***MHSW Facility:***	

Detail(s)

Waste Class:	221 L
Waste Class Desc:	Light fuels
Waste Class:	211 L
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids

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Site: ***ESSO PETROLEUM CANADA***
ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	46877	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/21/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/21/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.		
Contaminant Qty:			

Site: ***ESSO PETROLEUM CANADA***
TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	47843	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/19/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/20/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND
Contaminant Qty:

Site: ***ESSO PETROLEUM CANADA***
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No:	59519	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/7/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/7/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ESSO-3 LITRES DIESEL FUELTO GRND UNDER LOADING RACK,COUPLING NOT CLOSED
Contaminant Qty:

Site: ***ESSO PETROLEUM CANADA***
BULK STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	155190	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/1/1998	***Health/Env Conseq:***	
Year:		***Client Type:***	

Incident Cause:	OTHER CAUSE (N.O.S.)	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/1/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	NEGLIGENCE (APPARENT)	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.		
Contaminant Qty:			

Site: ***OC TRANSPO***
MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	241575	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/6/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	WATER, LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/6/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC TRANSPO: 10L ANTIFREEZE TO STORMS, ROAD. SEWERMATIC RESPONDING.		
Contaminant Qty:			

Site: ***TEXACO***
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	14431	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/2/1989	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	

Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/2/1989	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

Site: ***Tomlinson Environmental Services Ltd.***
Ottawa ON

Database: ***SPL***

Ref No:	0701-9KKJ43	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/05/29	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown / N/A	***Sector Type:***	Unknown / N/A
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s); Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2014/05/29	***Site Map Datum:***	
Dt Document Closed:	2014/11/07	***SAC Action Class:***	Land Spills
Incident Reason:	Unknown / N/A	***Source Type:***	
Site Name:	5555 power Road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Tomlinson Env: 100L oily water to lot, clnd		
Contaminant Qty:	100 L		

Site:
lot 31 ON

Database: ***WWIS***

Well ID:	1528149	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	8/30/1994
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6844
Casing Material:		***Form Version:***	1
Audit No:	149112	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	031
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:	10049688	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	27-Jul-1994 00:00:00	***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:	931068740
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931068741
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931068739
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	3.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068737
Layer: 1
Color: 8
General Color: BLACK
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068738
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113005
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113003
Layer: 1
Plug From: 3.0
Plug To: 7.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113004
Layer: 2
Plug From: 7.0
Plug To: 9.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528149
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10598258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086839
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 20.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326495
Layer: 1
Slot: 010
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Site:
lot 31 ON

Database:
WWIS

Well ID: 1534734
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 265833
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: 6/10/2004
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097509
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 18

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 31-May-2004 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932942463
Layer: 1
Color:
General Color:
Mat1: 24
Most Common Material: PREV. DRILLED
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961534734
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101224
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 991534734
Pump Set At:
Static Level: 8.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

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 Nov 2021

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Sep 30, 2021

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jan 2022

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 - Feb 28, 2022

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Feb 28, 2022

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Feb 28, 2022

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- Feb 28, 2022

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-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Nov 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

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-Feb 2022

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, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Nov 30, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Feb 28, 2022

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- 28 Feb 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Feb 28, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

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-Jan 2022

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. 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-Sep 2020; Dec 2020-Mar 2021

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, 2019

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Feb 28, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

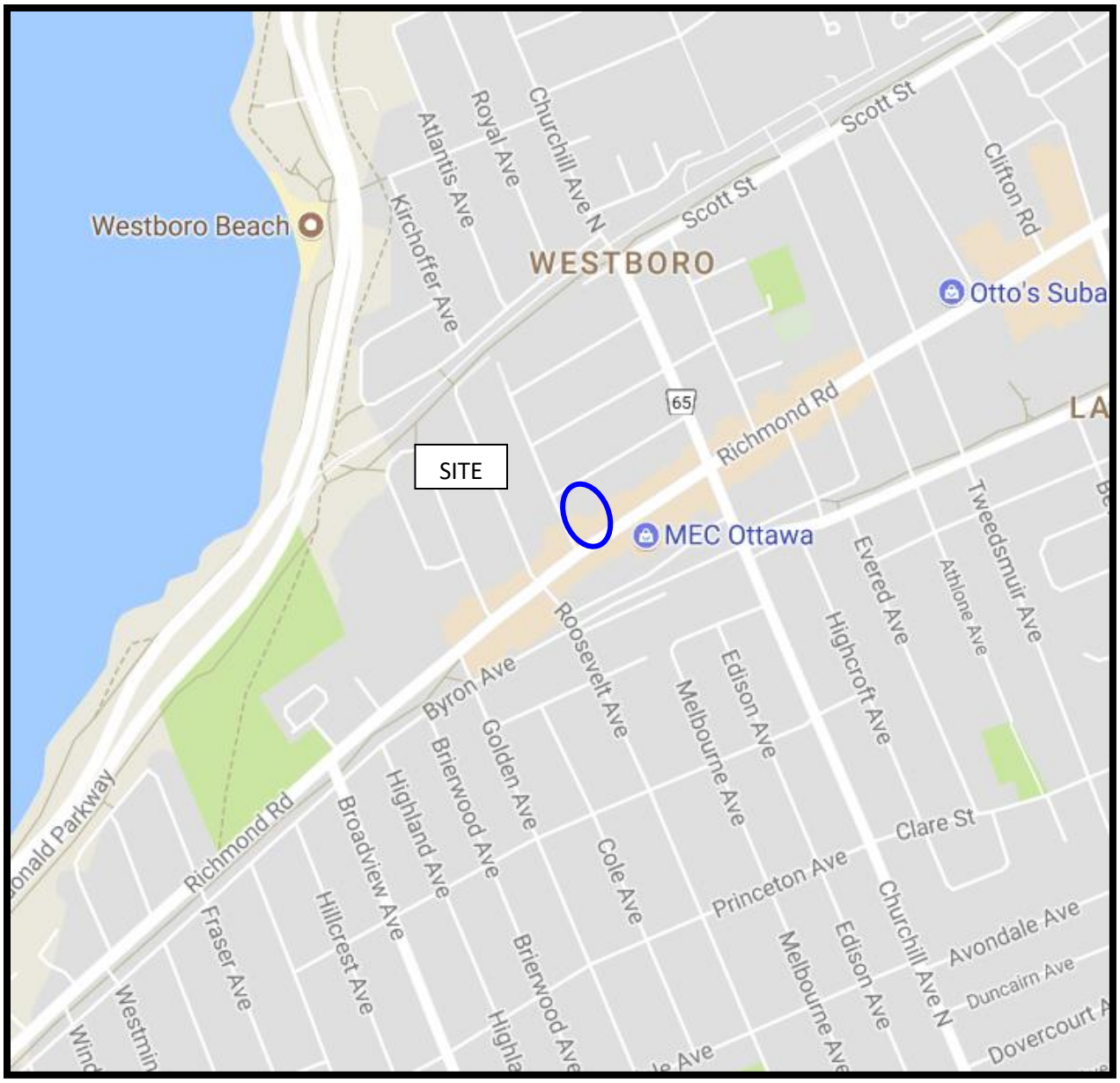


FIGURE 1

KEY PLAN

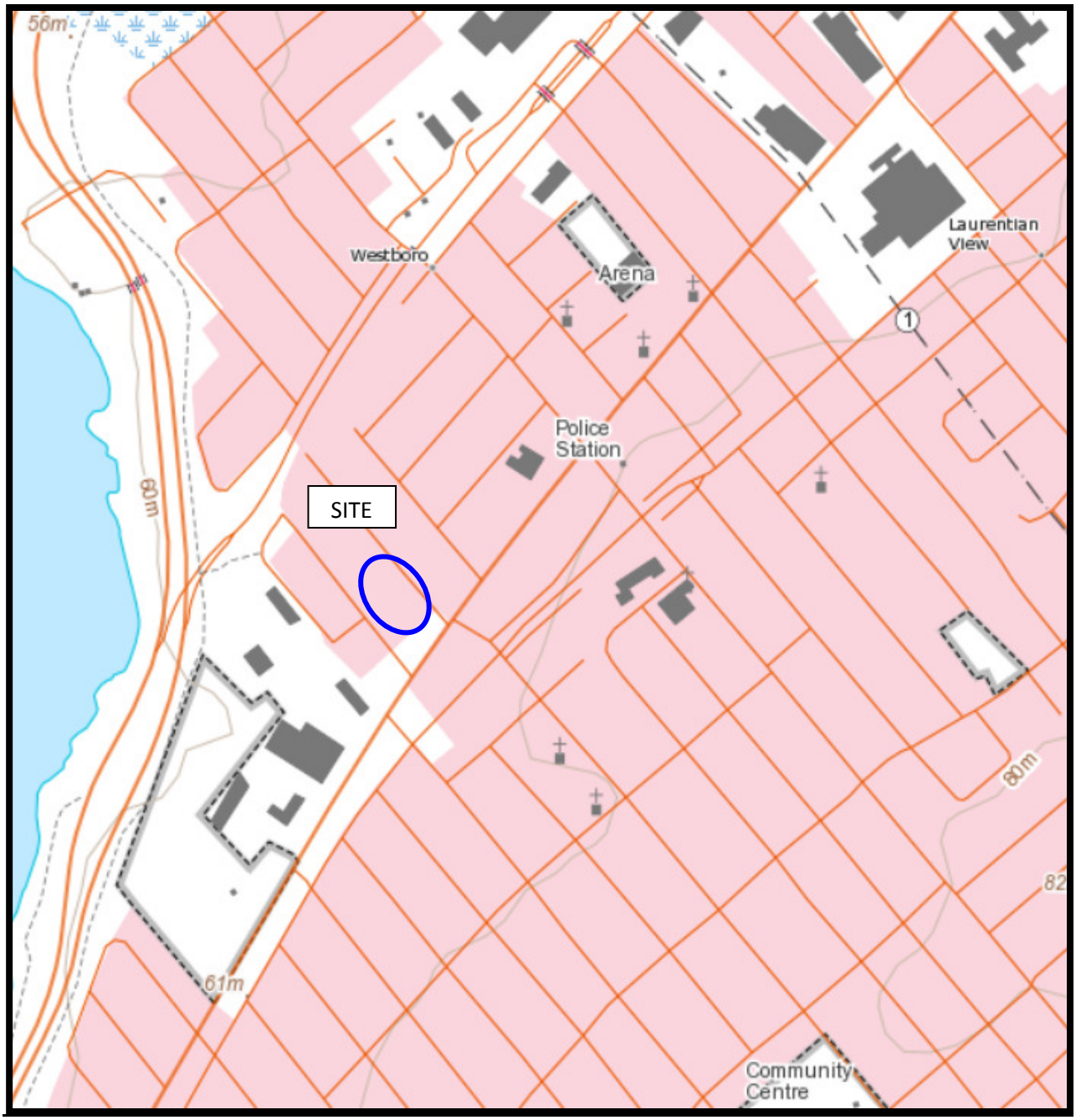
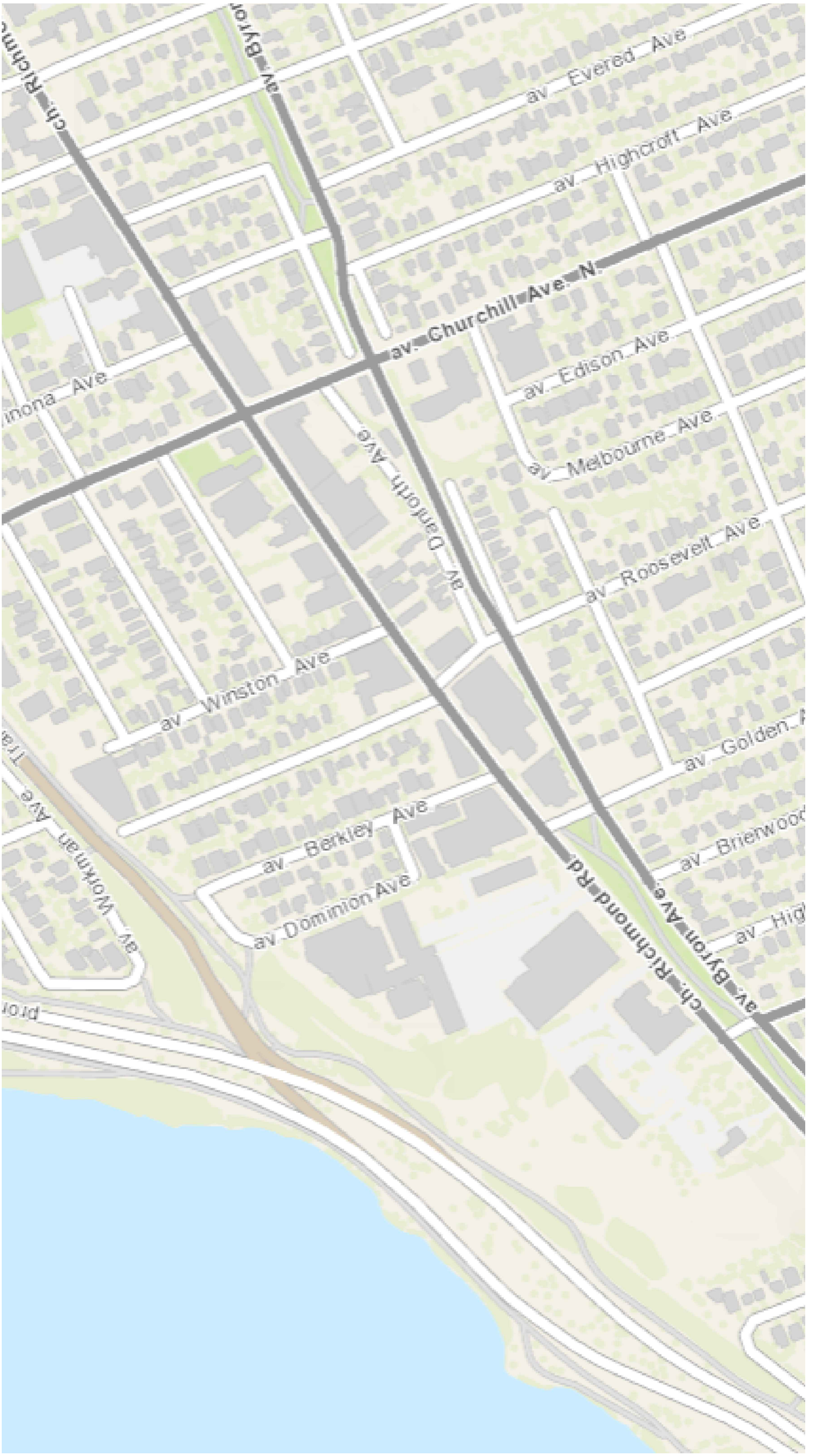
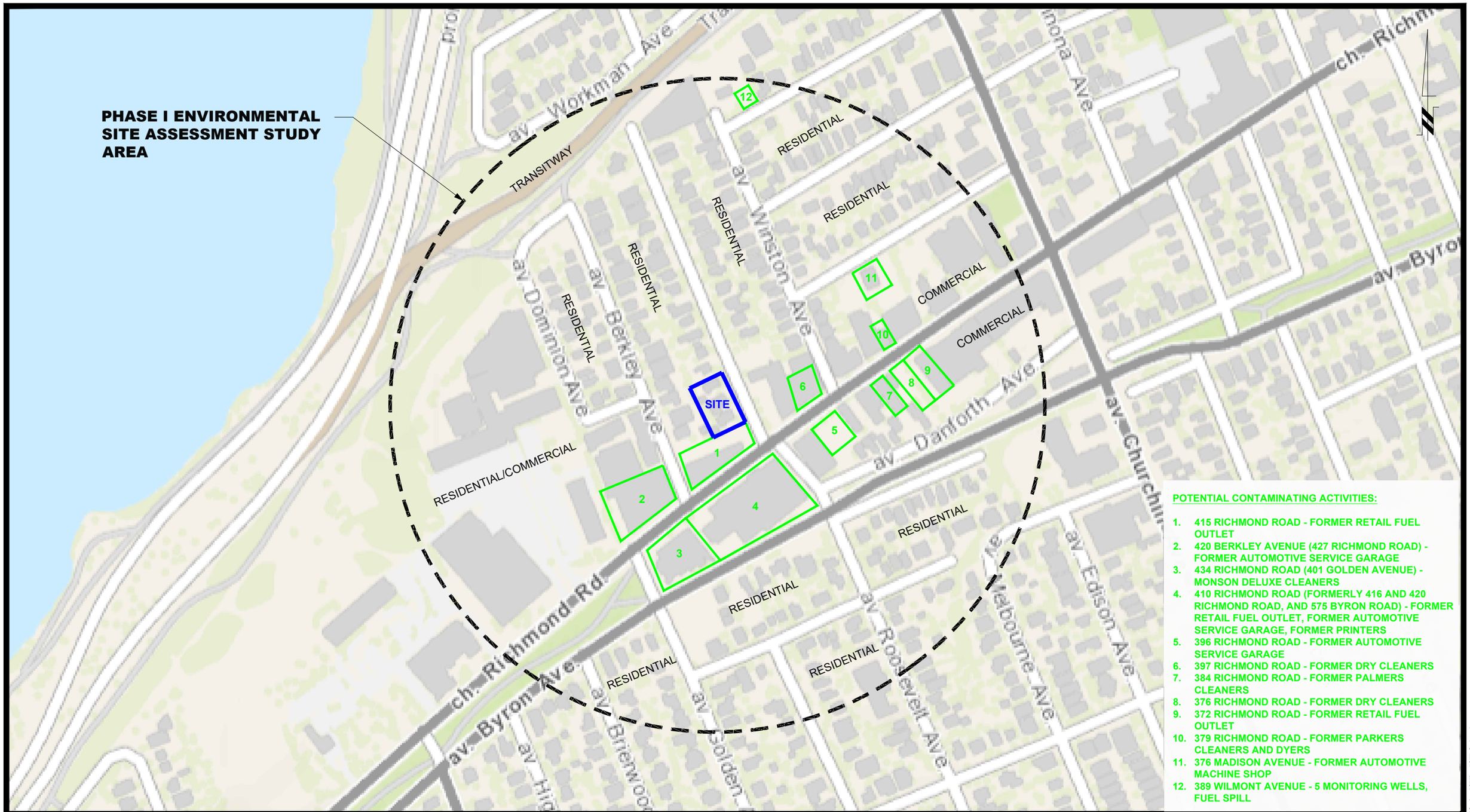


FIGURE 2

TOPOGRAPHIC MAP


Ch. Richmond Rd
Av. Byron Ave
av. Evered Ave
av. Highcroft Ave
av. Churchill Ave. N.
av. Edison Ave
av. Melbourne Ave
av. Roosevelt Ave
av. Winston Ave
av. Berkley Ave
av. Dominion Ave
av. Golden
av. Brierwood
av. Workman Ave
av. Danforth Ave



POTENTIAL CONTAMINATING ACTIVITIES:

1. 415 RICHMOND ROAD - FORMER RETAIL FUEL OUTLET
2. 420 BERKLEY AVENUE (427 RICHMOND ROAD) - FORMER AUTOMOTIVE SERVICE GARAGE
3. 434 RICHMOND ROAD (401 GOLDEN AVENUE) - MONSON DELUXE CLEANERS
4. 410 RICHMOND ROAD (FORMERLY 416 AND 420 RICHMOND ROAD, AND 575 BYRON ROAD) - FORMER RETAIL FUEL OUTLET, FORMER AUTOMOTIVE SERVICE GARAGE, FORMER PRINTERS
5. 396 RICHMOND ROAD - FORMER AUTOMOTIVE SERVICE GARAGE
6. 397 RICHMOND ROAD - FORMER DRY CLEANERS
7. 384 RICHMOND ROAD - FORMER PALMERS CLEANERS
8. 376 RICHMOND ROAD - FORMER DRY CLEANERS
9. 372 RICHMOND ROAD - FORMER RETAIL FUEL OUTLET
10. 379 RICHMOND ROAD - FORMER PARKERS CLEANERS AND DYERS
11. 376 MADISON AVENUE - FORMER AUTOMOTIVE MACHINE SHOP
12. 389 WILMONT AVENUE - 5 MONITORING WELLS, FUEL SPILL

patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

ML WESTBORO INC. c/o ML DEVCO INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE
398, 402 AND 406 ROOSEVELT AVENUE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 03/2022
Drawn by: AG	Report No.: PE5677-2
Checked by: MW	Dwg. No.: PE5677-2
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe56xx\pe5677\pe5677-2-slup.dwg

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:** 398, 402 and 406 Roosevelt Ave, Ottawa

** Mandatory Field*

Applicant/Agent Information:

Name: Mandy Witteman

Mailing Address: 154 Colonnade Rd S

Telephone: 403-921-1157 Email Address: mwitteman@patersongroup.ca

Registered Property Owner Information: ☐ Same as above

Name: Domicile Rick, Morris

Mailing Address: 154 COlonnade Rd S

Telephone: Email Address: Rick Morris <rick@domicile.ca>

Site Details

Legal Description and PIN:

What is the land currently used for? residential

Lot frontage: m Lot depth: m Lot area: m²

OR Lot area: (irregular lot) 1390 m²

Does the site have Full Municipal Services: (x) Yes ( ) No

Required Fees

Please don't hesitate to visit the Historic Land Use Inventory website more information. Fees must be paid in full at the time of application submission.

Planning Fee	$132.00

Submittal Requirements

The following are required to be submitted with this application:

1. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
3. **A site plan or key plan of the property, its location and particular features.**
4. **Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI 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.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed:

Dated (dd/mm/yyyy): 16/03/2022

Per: Mandy Witteman
(Please print name)

Title: Eng. Consultant

Company: Paterson Group

patersongroup

Consulting Engineers

154 Colonnade Road South
Ottawa, Ontario
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Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

September 25, 2017
File: PE4046-HLUI

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
398, 402, and 406 Roosevelt Avenue
Ottawa, Ontario

Dear Sir or Madame,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned properties.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner: DOMICILE DEVELOPMENTS. INC.

Name of Representative DAVID RENFROE

Authorization of Representative

Date SEPT. 27, 2017

patersongroup

Consulting Engineers

154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
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Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

September 25, 2017
File: PE4046-LET.01

Domicile Developments Inc.
1-371A Richmond Road
Ottawa, Ontario
K2A 0E7

Attention: **Mr. David Renfroe**

Subject: **Phase II Environmental Site Assessment**
398, 402 and 406 Roosevelt Avenue
Ottawa, Ontario

Dear Sir,

Further to your request and authorization, Paterson Group (Paterson) carried out a Phase II Environmental Site Assessment at the aforementioned site. The purpose of this environmental assessment was to assess any potential environmental impacts resulting from former retail fuel outlet located to the south, at 415 Richmond Road, prior to a potential purchase of the site.

1.0 Background Information

The subject site is located on the west side of Roosevelt Avenue and approximately 25 m north of Richmond Road, in the City of Ottawa, Ontario. The subject properties are occupied by three (3) residential dwellings. Grassed landscaped areas are present to the east of the buildings, along Roosevelt Avenue, and to the west, at the rear of the buildings.

Regional topography slopes downward towards the northwest. The site topography is relatively flat. Site drainage is considered to be primarily sheet flow to catch basins along Roosevelt Avenue with some infiltration in landscaped areas.

Based on information contained in our data, a retail fuel outlet with underground storage tanks was previously present on the adjacent property to the south (415 Richmond Road). Based on the former presence of USTs and the use of the neighbouring property as an automotive service garage, a subsurface investigation was recommended and conducted

for the subject site. The results of the Phase II-ESA are contained herein.

2.0 Subsurface Investigation

Two (2) boreholes (BH1 and BH2) were placed on the subject property on June 28, 2017. BH1 was placed near the southern boundary of 406 Roosevelt Avenue, adjacent to the former retail fuel outlet, and BH2 was placed further north for site coverage. The boreholes were extended to a maximum depth of 7.6 m below ground surface. Both boreholes were instrumented with a groundwater monitoring well. The boreholes were drilled using a track-mounted drill rig under the full time supervision of Paterson personnel.

The borehole locations were determined by Paterson personnel taking into consideration property boundaries, site features and underground services. The locations of the boreholes are illustrated on the enclosed Test Hole Location Plan. The depths at which the auger and split spoon samples were obtained from the test holes are shown as **"AU"** and **"SS"** on the Soil Profile and Test Data sheets, attached to this report.

Subsurface Profile

The subsurface profile at the locations of BH1 and BH2 consists of interbedded and limestone and shale bedrock, overlain by silty sand with topsoil and trace gravel in BH1 and silty sand fill under asphalt in BH2. The subsurface material was not considered to be impacted or contain any deleterious substances. The specific details of the soil profile at the test hole locations are presented on the attached Soil Profile and Test Data sheets.

Monitoring Well Installation

Groundwater monitoring wells were installed in BH1 and BH2, the locations of which can be seen on the attached Test Hole Location Plan. Typical monitoring well construction details are described below:

- ❑ Slotted 32 mm diameter PVC screen at base of borehole.
- ❑ 32 mm diameter PVC riser pipe from the top of the screen to ground surface.
- ❑ No.3 silica sand backfill within annular space around screen.
- ❑ Bentonite above sand pack to just below ground surface.
- ❑ Clean backfill from top of bentonite plug to the ground surface.

Refer to the Soil Profile and Test Data sheets attached for the actual well construction in BH1 and BH2.

Soil Sampling Protocol

A total of six (6) soil samples and nine (9) rock core samples were recovered from the test holes by means of stainless steel split spoon sampling and diamond coring equipment. Upon recovery, all samples were immediately sealed in appropriate containers to facilitate a preliminary screening procedure. No unusual visual or olfactory observations were made regarding the soil samples obtained.

All samples recovered as part of this investigation will be stored in the laboratory for a period of one (1) month after issuance of this report. All samples will then be discarded unless this firm is otherwise directed.

Soil Sample Headspace Analysis

An RKI Eagle (gastech) calibrated to hexane was used to measure the combustible vapour concentrations in the headspace of all soil samples recovered from the boreholes. The technical protocol was obtained from Appendix C of the MOECC document titled “Interim Guidelines for the Remediation of Petroleum Contamination at Operating Retail and Private Fuel Outlets in Ontario”, dated March 1992.

Soil samples recovered at the time of sampling were placed immediately into airtight plastic bags with nominal headspace. All lumps of soil inside the bags were broken by hand, and the soil was allowed to come to room temperature prior to conducting the vapour survey. Allowing the samples to stabilize to room temperature ensures consistency of readings between samples.

To measure the soil vapours, the analyser probe is inserted into the nominal headspace above the soil sample. The sample is agitated/manipulated gently as the measurement is taken. The peak reading registered within the first 15 seconds is recorded as the vapour measurement. The parts per million (ppm) scale is used to measure concentrations of hydrocarbon vapours that are too low to register on the Lower Explosive Limit (LEL) scale.

The combustible vapour readings were found to range from 0 to 10 ppm in the soil samples obtained. These vapour readings do not indicate the presence of volatile contaminants such as gasoline related parameters. It should be noted that the vapour results can not be used to identify the presence of heavier petroleum hydrocarbons (PHCs) or weathered PHCs. The results of the vapour survey are presented on the Soil Profile and Test Data sheets.

Groundwater

A site visit was conducted on July 5, 2017 to measure groundwater levels and to sample the groundwater from the monitoring wells. The groundwater levels were found to range

from 4.77 to 5.18 m below the existing ground surface. It should be noted that groundwater levels are expected to fluctuate throughout the year with seasonal variations. No unusual visual or olfactory observations were noted regarding the groundwater obtained from any of the boreholes.

Elevation Surveying

An elevation and location survey of all borehole locations was completed by Paterson Personnel. All borehole elevations are referenced to a temporary benchmark. The site benchmark is the top spindle of a fire hydrant located across the street from 402 Roosevelt Avenue, which was assigned an arbitrary elevation of 100 m.

3.0 Analytical Test Results

Soil and Groundwater Standards

The soil and groundwater standards for the subject site were obtained from Table 7 of the document entitled “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the *Environmental Protection Act*”, dated April 15, 2011. The MOECC Standards are based on the following considerations:

- ❏ Coarse grained soil conditions.
- ❏ Shallow soil site conditions.
- ❏ Non-potable groundwater situation.
- ❏ Residential land use.

Paracel Laboratories (Paracel) of Ottawa, performed the laboratory analysis of the samples submitted for analytical testing. Paracel is a member of the Standards Council of Canada/Canadian Association for Environmental Analytical Laboratories (SCC/CAEAL). Paracel is accredited and certified by SCC/CAEAL for specific tests registered with the association.

Soil

Based on our visual, vapour survey and olfactory observations, two (2) soil samples were submitted to Paracel Laboratories for the following parameters: petroleum hydrocarbons (PHCs Fractions 1 to 4) and benzene, toluene, ethylbenzene and xylenes (BTEX). The results of the analytical testing and the selected soil standards are presented in Table 1. A copy of the laboratory certificate of analysis is attached to this report.

Table 1
Analytical Test Results - Soil
BTEX and PHCs (Fractions 1 to 4)

Parameter	MDL (µg/g)	Soil Samples (µg/g)		MOECC Table 7 Standards Residential Land Use (µg/g)
		BH1-AU1	BH2-SS3	
Benzene	0.02	nd	nd	0.21
Ethylbenzene	0.05	nd	nd	2
Toluene	0.05	nd	nd	2.3
Xylenes (Total)	0.05	nd	nd	3.1
F_1 PHCs (C_6-C_{10})	7	nd	nd	55
F_2 PHCs (C_{10}-C_{16})	4	4	nd	98
F_3 PHCs (C_{16}-C_{34})	8	38	nd	300
F_4 PHCs (C_{34}-C_{50})	6	39	nd	2,800

Notes:
- ❑ MDL - Method Detection Limit
- ❑ nd - Not Detected (< MDL)

No detectable BTEX or PHC parameter concentrations were identified in the soil sample BH2-SS3. No detectable BTEX parameter concentrations were identified in the soil sample BH1-AU1. The concentrations of PHC parameters in sample BH1-AU1 comply with the MOECC Table 7 standards.

Groundwater

Groundwater samples were collected from the monitoring wells installed in BH1 and BH2 on July 5, 2017, and a third sample was collected from BH1 on July 12, 2017. The water samples were submitted for PHCs (Fractions F1 to F4) and volatile organic compounds (VOCs) analysis. The results of the analytical testing and the selected MOECC standards are presented in Tables 2 and 3. A copy of the laboratory certificate of analysis is attached to this report.

Table 2
Analytical Test Results - Groundwater
PHCs (Fractions 1 to 4)

Parameter	MDL (ug/L)	Groundwater Samples (ug/L)			MOECC Table 7 Standards Residential Land Use (µg/g)
		July 5, 2017		July 12, 2017	
		BH1-GW1	BH2-GW1	BH1-GW2	
F1 PHCs (C_6-C_{10})	25	nd	nd	nd	420
F2 PHCs (C_{10}-C_{16})	100	nd	nd	nd	150
F3 PHCs (C_{16}-C_{34})	100	nd	nd	nd	500
F4 PHCs (C_{34}-C_{50})	100	nd	nd	nd	500

Notes:
- MDL - Method Detection Limit
- nd - Not Detected (< MDL)
- **Bold and underlined** - results exceed the selected MOECC standards.

No detectable PHC concentrations were identified in the groundwater samples analysed. The test results comply with the MOECC Table 7 standards.

Table 3
Analytical Test Results - Groundwater
VOCs

Parameter	MDL (ug/L)	Groundwater Samples (ug/L)			MOECC Table 7 Standards Residential Land Use (µg/g)
		July 5, 2017		July 12, 2017	
		BH1-GW1	BH2-GW1	BH1-GW2	
Acetone	5	nd	nd	nd	100,000
Benzene	0.5	nd	nd	nd	0.5
Bromodichloromethane	0.5	nd	nd	nd	67,000
Bromoform	0.5	nd	nd	nd	5
Bromomethane	0.5	nd	nd	nd	0.89
Carbon Tetrachloride	0.2	nd	nd	nd	0.2
Chlorobenzene	0.5	nd	nd	nd	140
Chloroform	0.5	**4.6**	nd	**2.3**	2
Dibromochloromethane	0.5	nd	nd	nd	65,000
Dichlorodifluoromethane	1	nd	nd	nd	3,500
1,2-Dichlorobenzene	0.5	nd	nd	nd	150
1,3-Dichlorobenzene	0.5	nd	nd	nd	7,600
1,4-Dichlorobenzene	0.5	nd	nd	nd	0.5
1,1-Dichloroethane	0.5	nd	nd	nd	11
1,2-Dichloroethane	0.5	nd	nd	nd	0.5
1,1-Dichloroethylene	0.5	nd	nd	nd	0.5
cis-1,2-Dichloroethylene	0.5	nd	nd	nd	1.6
trans-1,2-Dichloroethylene	0.5	nd	nd	nd	1.6
1,2-Dichloropropane	0.5	nd	nd	nd	0.58
1,3-Dichloropropene	0.5	nd	nd	nd	0.5
Ethylbenzene	0.5	nd	nd	nd	54
Ethylene dibromide	0.5	nd	nd	nd	0.2
Hexane	0.5	nd	nd	nd	5
Methyl Ethyl Ketone	5.0	nd	nd	nd	21,000
Methyl Isobutyl Ketone	5.0	nd	nd	nd	5,200

Notes:
- MDL - Method Detection Limit
- nd - Not Detected (< MDL)
- **Bold & Underlined** - Value exceeds selected MOECC Standard

Table 3 - continued
Analytical Test Results - Groundwater
VOCs

Parameter	MDL (ug/L)	Groundwater Samples (ug/L)			MOECC Table 7 Standards Residential Land Use (µg/g)
		July 5, 2017		July 12, 2017	
		BH1-GW1	BH2-GW1	BH1-GW2	
Methyl tert-butyl ether	0.5	nd	nd	nd	15
Methylene Chloride	5.0	nd	nd	nd	26
Styrene	0.5	nd	nd	nd	43
1,1,1,2-Tetrachloroethane	0.5	nd	nd	nd	1.1
1,1,2,2-Tetrachloroethane	0.5	nd	nd	nd	0.5
Tetrachloroethylene	0.5	nd	nd	nd	0.5
Toluene	0.5	nd	nd	nd	320
1,1,1-Trichloroethane	0.5	nd	nd	nd	23
1,1,2-Trichloroethane	0.5	nd	nd	nd	0.5
Trichloroethylene	0.5	nd	nd	nd	0.5
Trichlorofluoromethane	1.0	nd	nd	nd	2,000
Vinyl chloride	0.5	nd	nd	nd	0.5
Xylenes, total	0.5	nd	nd	nd	72

Notes:
- MDL - Method Detection Limit
- nd - Not Detected (< MDL)
- **Bold & Underlined** - Value exceeds selected MOECC Standard

With the exception of chloroform in the limited water sample from BH1 (BH1-GW1), no VOC parameter concentrations were detected in the groundwater samples. The chloroform in BH1-GW1 was in excess of the selected MOECC Standard; however, it is suspected that the concentration is a result of the use of chlorine to treat City drinking water. The retest of BH1 identified a reduced chloroform concentration, and this concentration is expected to dissipate readily in the near future.

4.0 Assessment and Recommendations

Assessment

A Phase II-ESA was conducted on the subject property to investigate potential impacts from a former retail fuel outlet and automotive service garage located immediately to the south.

Two (2) boreholes were placed on the subject property on June 28, 2017. The boreholes were distributed in a manner as to provide coverage of the southern property boundary near the location of the former RFO and general coverage of the subject site. The locations were determined in the field by Paterson personnel taking into consideration site features and underground services. The boreholes were instrumented with groundwater monitoring wells.

Soil

No unusual visual or olfactory observations were made regarding the soil samples obtained from any of the boreholes. No significant combustible vapour concentrations were detected in the soil samples obtained. Two (2) soil samples were submitted to Paracel Laboratories for PHC and BTEX analysis. The majority of the parameters were not detected, while several PHC parameters concentration were identified in soil sample BH1-AU1. However, all soil test results comply with the MOECC Table 7standards.

Groundwater

Groundwater samples were collected from the monitoring wells installed in BH1 and BH2 on July 5, 2017. No visual or olfactory observations of potential fuel impact were noted during the field sampling program. The water samples were submitted for PHC and VOC analysis. No detectable PHC or VOC concentrations were identified in the groundwater samples analysed, with the exception of chloroform in BH1. The chloroform was suspected to be the result of the use of municipal water during the drilling program. BH1 was retested and found to have reduced chloroform concentration.

Conclusion

Based on the results of the Phase II-ESA, it is our opinion that the historical potentially contaminating activities along Richmond Road have not affected the subsurface of the subject site. No further investigation is recommended at this time.

Monitoring Wells

If the monitoring wells installed in BH1 and BH2 are not going to be used in the future, they should be abandoned according to Ontario Regulation 903. The monitoring wells will be registered with the MOECC under this regulation. Further information can be provided upon request in this regard.

5.0 Statement of Limitations

The client should be aware that any information pertaining to soils and all test hole logs are furnished as a matter of general information only and test hole descriptions or logs are not to be interpreted as descriptive of conditions at locations other than those described by the test holes themselves.

Should any conditions be encountered at the subject property 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 Domicile Developments Inc. Permission from Paterson and Domicile will be required to release this report to any other party.

We trust that this report satisfies your requirements.

Paterson Group Inc.

Anna Graham, M.E.S.

Mark D'Arcy, P.Eng

Report Distribution

- ❑ Domicile Developments Inc. (2 copies)
- ❑ Paterson Group (1 copy)

Attachments

- ❑ Soil Profile and Test Data Sheets
- ❑ Symbols and Terms
- ❑ Laboratory Certificates of Analysis
- ❑ Drawing No. PE4046-1 - Test Hole Location Plan

patersongroup Consulting Engineers

154 Colonnade Road South, Ottawa, Ontario K2E 7J5

SOIL PROFILE AND TEST DATA

Phase II - Environmental Site Assessment
398, 402 and 406 Roosevelt Avenue
Ottawa, Ontario

DATUM TBM - Top spindle of fire hydrant located in front of 402 Roosevelt Avenue. Assumed elevation = 100.00m.

FILE NO. PE4046

REMARKS

HOLE NO. BH 1

BORINGS BY CME 55 Power Auger **DATE** June 28, 2017

SOIL DESCRIPTION	STRATA PLOT	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE % RECOVERY	SAMPLE N VALUE or RQD	DEPTH (m)	ELEV. (m)
GROUND SURFACE						0	98.68
FILL: Brown silty sand with topsoil, trace organics and gravel		AU	1				
0.69							
		SS	2	53	50+	1	97.68
		RC	1	100	0		
		RC	2	100	10	2	96.68
						3	95.68
		RC	3	100	0		
BEDROCK: Grey limestone						4	94.68
		RC	4	100	98	5	93.68
						6	92.68
		RC	5	100	82	7	91.68
7.57							
End of Borehole							
(GWL @ 5.18m - July 5, 2017)							

Photo Ionization Detector
● Volatile Organic Rdg. (ppm)

○ **Lower Explosive Limit %**

20 40 60 80

100 200 300 400 500

RKI Eagle Rdg. (ppm)

▲ Full Gas Resp. △ Methane Elim.

Monitoring Well Construction

patersongroup Consulting Engineers

154 Colonnade Road South, Ottawa, Ontario K2E 7J5

SOIL PROFILE AND TEST DATA

Phase II - Environmental Site Assessment
398, 402 and 406 Roosevelt Avenue
Ottawa, Ontario

DATUM TBM - Top spindle of fire hydrant located in front of 402 Roosevelt Avenue. Assumed elevation = 100.00m.

FILE NO. PE4046

REMARKS

HOLE NO. BH 2

BORINGS BY CME 55 Power Auger **DATE** June 28, 2017

SOIL DESCRIPTION		STRATA PLOT	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE % RECOVERY	SAMPLE N VALUE or RQD	DEPTH (m)	ELEV. (m)
GROUND SURFACE								
Asphaltic concrete	0.10		AU	1			0	99.11
FILL: Crushed stone with silty sand	0.30		AU	2				
FILL: Brown silty clay, some sand, trace gravel	0.69						1	98.11
FILL: Brown silty sand, some cobbles, trace gravel	1.35		SS	3	62	50+		
			SS	4	50	50+	2	97.11
			RC	1	100	30	3	96.11
			RC	2	100	23	4	95.11
BEDROCK: Grey limestone							5	94.11
			RC	3	100	51	6	93.11
			RC	4	100	80	7	92.11
	7.70							
End of Borehole								
(GWL @ 4.77m - July 5, 2017)								

Photo Ionization Detector
● Volatile Organic Rdg. (ppm)

○ **Lower Explosive Limit %**

20 40 60 80

100 200 300 400 500

RKI Eagle Rdg. (ppm)

▲ Full Gas Resp. △ Methane Elim.

Monitoring Well Construction

SYMBOLS AND TERMS

SOIL DESCRIPTION

Behavioural properties, such as structure and strength, take precedence over particle gradation in describing soils. Terminology describing soil structure are as follows:

Desiccated	-	having visible signs of weathering by oxidation of clay minerals, shrinkage cracks, etc.
Fissured	-	having cracks, and hence a blocky structure.
Varved	-	composed of regular alternating layers of silt and clay.
Stratified	-	composed of alternating layers of different soil types, e.g. silt and sand or silt and clay.
Well-Graded	-	Having wide range in grain sizes and substantial amounts of all intermediate particle sizes (see Grain Size Distribution).
Uniformly-Graded	-	Predominantly of one grain size (see Grain Size Distribution).

The standard terminology to describe the strength of cohesionless soils is the relative density, usually inferred from the results of the Standard Penetration Test (SPT) 'N' value. The SPT N value is the number of blows of a 63.5 kg hammer, falling 760 mm, required to drive a 51 mm O.D. split spoon sampler 300 mm into the soil after an initial penetration of 150 mm.

Relative Density	'N' Value	Relative Density %
Very Loose	<4	<15
Loose	4-10	15-35
Compact	10-30	35-65
Dense	30-50	65-85
Very Dense	>50	>85

The standard terminology to describe the strength of cohesive soils is the consistency, which is based on the undisturbed undrained shear strength as measured by the in situ or laboratory vane tests, penetrometer tests, unconfined compression tests, or occasionally by Standard Penetration Tests.

Consistency	Undrained Shear Strength (kPa)	'N' Value
Very Soft	<12	<2
Soft	12-25	2-4
Firm	25-50	4-8
Stiff	50-100	8-15
Very Stiff	100-200	15-30
Hard	>200	>30

SYMBOLS AND TERMS (continued)

SOIL DESCRIPTION (continued)

Cohesive soils can also be classified according to their “sensitivity”. The sensitivity is the ratio between the undisturbed undrained shear strength and the remoulded undrained shear strength of the soil.

Terminology used for describing soil strata based upon texture, or the proportion of individual particle sizes present is provided on the Textural Soil Classification Chart at the end of this information package.

ROCK DESCRIPTION

The structural description of the bedrock mass is based on the Rock Quality Designation (RQD).

The RQD classification is based on a modified core recovery percentage in which all pieces of sound core over 100 mm long are counted as recovery. The smaller pieces are considered to be a result of closely-spaced discontinuities (resulting from shearing, jointing, faulting, or weathering) in the rock mass and are not counted. RQD is ideally determined from NXL size core. However, it can be used on smaller core sizes, such as BX, if the bulk of the fractures caused by drilling stresses (called “mechanical breaks”) are easily distinguishable from the normal in situ fractures.

RQD %	ROCK QUALITY
90-100	Excellent, intact, very sound
75-90	Good, massive, moderately jointed or sound
50-75	Fair, blocky and seamy, fractured
25-50	Poor, shattered and very seamy or blocky, severely fractured
0-25	Very poor, crushed, very severely fractured

SAMPLE TYPES

SS	-	Split spoon sample (obtained in conjunction with the performing of the Standard Penetration Test (SPT))
TW	-	Thin wall tube or Shelby tube
PS	-	Piston sample
AU	-	Auger sample or bulk sample
WS	-	Wash sample
RC	-	Rock core sample (Core bit size AXT, BXL, etc.). Rock core samples are obtained with the use of standard diamond drilling bits.

SYMBOLS AND TERMS (continued)

GRAIN SIZE DISTRIBUTION

MC%	-	Natural moisture content or water content of sample, %
LL	-	Liquid Limit, % (water content above which soil behaves as a liquid)
PL	-	Plastic limit, % (water content above which soil behaves plastically)
PI	-	Plasticity index, % (difference between LL and PL)
Dxx	-	Grain size which xx% of the soil, by weight, is of finer grain sizes These grain size descriptions are not used below 0.075 mm grain size
D10	-	Grain size at which 10% of the soil is finer (effective grain size)
D60	-	Grain size at which 60% of the soil is finer
Cc	-	Concavity coefficient = $(D30)^2$ / (D10 x D60)
Cu	-	Uniformity coefficient = D60 / D10

Cc and Cu are used to assess the grading of sands and gravels:
Well-graded gravels have: $1 < Cc < 3$ and $Cu > 4$
Well-graded sands have: $1 < Cc < 3$ and $Cu > 6$
Sands and gravels not meeting the above requirements are poorly-graded or uniformly-graded.
Cc and Cu are not applicable for the description of soils with more than 10% silt and clay
(more than 10% finer than 0.075 mm or the #200 sieve)

CONSOLIDATION TEST

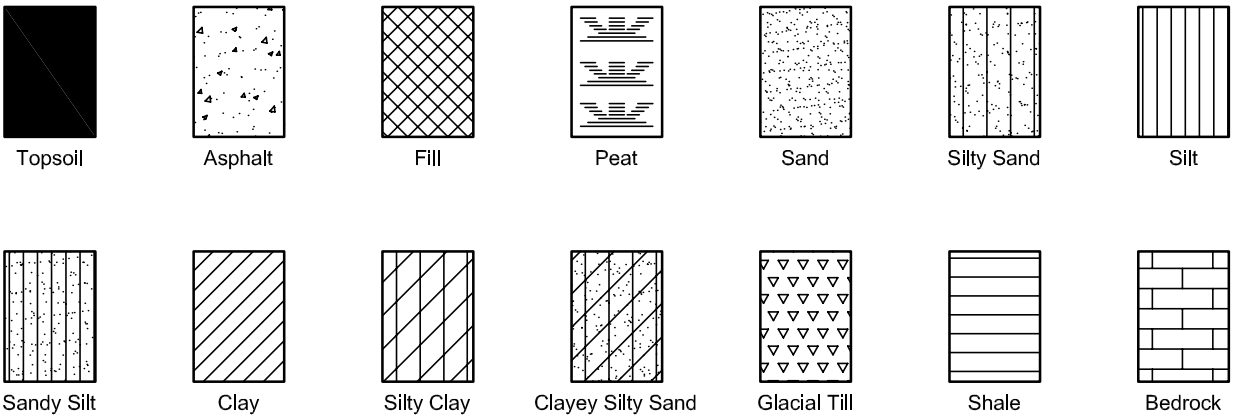
p'_o	-	Present effective overburden pressure at sample depth
p'_c	-	Preconsolidation pressure of (maximum past pressure on) sample
Ccr	-	Recompression index (in effect at pressures below p'_c)
Cc	-	Compression index (in effect at pressures above p'_c)
OC Ratio		Overconsolidaton ratio = p'_c / p'_o
Void Ratio		Initial sample void ratio = volume of voids / volume of solids
Wo	-	Initial water content (at start of consolidation test)

PERMEABILITY TEST

k	-	Coefficient of permeability or hydraulic conductivity is a measure of the ability of water to flow through the sample. The value of k is measured at a specified unit weight for (remoulded) cohesionless soil samples, because its value will vary with the unit weight or density of the sample during the test.

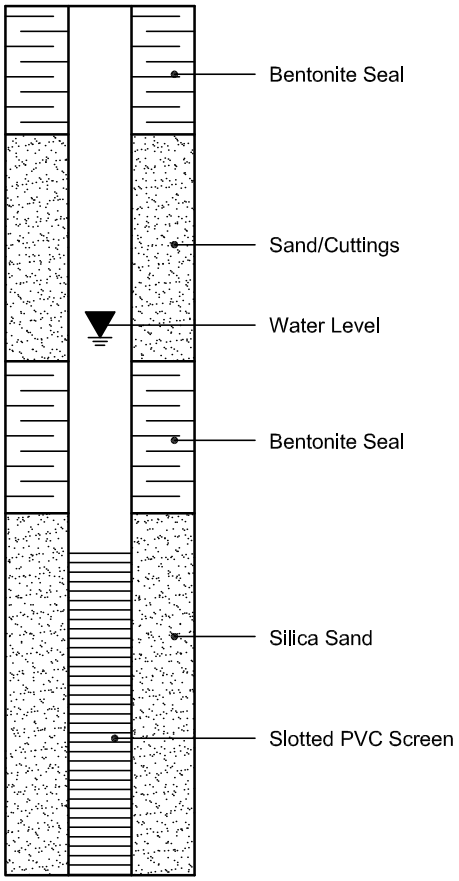
SYMBOLS AND TERMS (continued)

STRATA PLOT

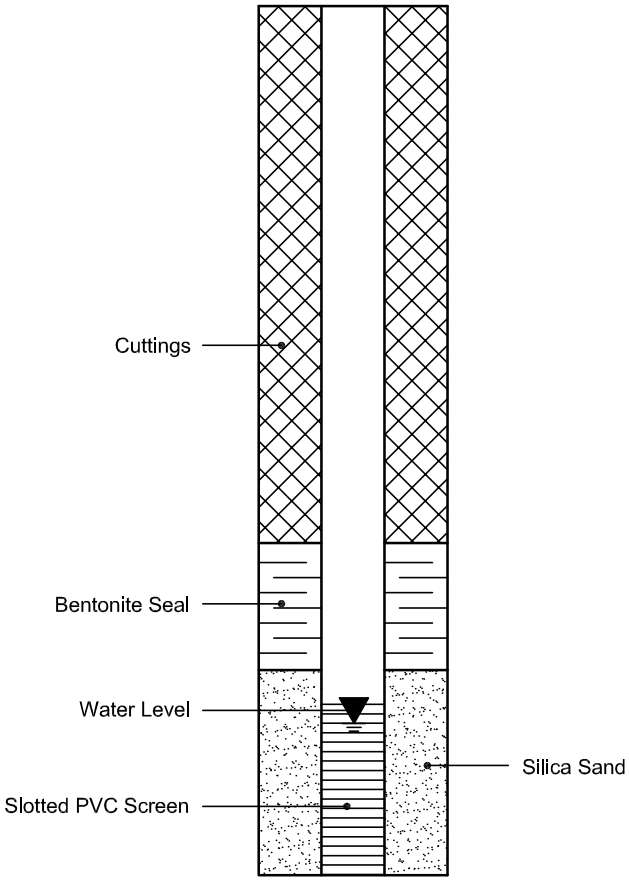


MONITORING WELL AND PIEZOMETER CONSTRUCTION

MONITORING WELL CONSTRUCTION



PIEZOMETER CONSTRUCTION



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Certificate of Analysis

Paterson Group Consulting Engineers

154 Colonnade Road South
Nepean, ON K2E 7J5
Attn: Eric Leveque

Client PO: 20647
Project: PE4046
Custody: 113547

Report Date: 5-Jul-2017
Order Date: 29-Jun-2017

Order #: 1726389

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
1726389-01	BH1-AU1
1726389-02	BH2-SS3

Approved By:

Dale Robertson, BSc
Laboratory Director

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 20647

Report Date: 05-Jul-2017
Order Date: 29-Jun-2017
Project Description: PE4046

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 8260 - P&T GC-MS	3-Jul-17	5-Jul-17
PHC F1	CWS Tier 1 - P&T GC-FID	3-Jul-17	5-Jul-17
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	30-Jun-17	4-Jul-17
Solids, %	Gravimetric, calculation	30-Jun-17	30-Jun-17

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 20647

Report Date: 05-Jul-2017

Order Date: 29-Jun-2017

Project Description: PE4046

	Client ID:	BH1-AU1	BH2-SS3	-	-
	Sample Date:	28-Jun-17	28-Jun-17	-	-
	Sample ID:	1726389-01	1726389-02	-	-
	MDL/Units	Soil	Soil	-	-
Physical Characteristics					
% Solids	0.1 % by Wt.	84.4	93.4	-	-
Volatiles					
Benzene	0.02 ug/g dry	<0.02	<0.02	-	-
Ethylbenzene	0.05 ug/g dry	<0.05	<0.05	-	-
Toluene	0.05 ug/g dry	<0.05	<0.05	-	-
m,p-Xylenes	0.05 ug/g dry	<0.05	<0.05	-	-
o-Xylene	0.05 ug/g dry	<0.05	<0.05	-	-
Xylenes, total	0.05 ug/g dry	<0.05	<0.05	-	-
Toluene-d8	Surrogate	91.5%	93.1%	-	-
Hydrocarbons					
F1 PHCs (C6-C10)	7 ug/g dry	<7	<7	-	-
F2 PHCs (C10-C16)	4 ug/g dry	4	<4	-	-
F3 PHCs (C16-C34)	8 ug/g dry	38	<8	-	-
F4 PHCs (C34-C50)	6 ug/g dry	39	<6	-	-

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 20647

Report Date: 05-Jul-2017
Order Date: 29-Jun-2017
Project Description: PE4046

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
Volatiles									
Benzene	ND	0.02	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: Toluene-d8	*3.44*		*ug/g*		*108*	*50-140*			

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	7	ug/g dry	ND				40	
F2 PHCs (C10-C16)	10	4	ug/g dry	ND			0.0	30	
F3 PHCs (C16-C34)	193	8	ug/g dry	ND			0.0	30	
F4 PHCs (C34-C50)	28	6	ug/g dry	ND			0.0	30	
Physical Characteristics									
% Solids	91.2	0.1	% by Wt.	91.3			0.1	25	
Volatiles									
Benzene	ND	0.02	ug/g dry	ND				50	
Ethylbenzene	ND	0.05	ug/g dry	ND				50	
Toluene	ND	0.05	ug/g dry	ND				50	
m,p-Xylenes	ND	0.05	ug/g dry	ND				50	
o-Xylene	ND	0.05	ug/g dry	ND				50	
Surrogate: Toluene-d8	*1.72*		*ug/g dry*		*97.1*	*50-140*			

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	191	7	ug/g		95.5	80-120			
F2 PHCs (C10-C16)	111	4	ug/g	ND	111	60-140			
F3 PHCs (C16-C34)	195	8	ug/g		105	80-120			
F4 PHCs (C34-C50)	185	6	ug/g	ND	133	60-140			
Volatiles									
Benzene	3.22	0.02	ug/g		80.6	60-130			
Ethylbenzene	3.98	0.05	ug/g		99.4	60-130			
Toluene	3.78	0.05	ug/g		94.4	60-130			
m,p-Xylenes	7.85	0.05	ug/g		98.2	60-130			
o-Xylene	3.92	0.05	ug/g		98.0	60-130			
Surrogate: Toluene-d8	*3.23*		*ug/g*		*101*	*50-140*			

Qualifier Notes:

None

Sample Data Revisions

None

Work Order Revisions / Comments:

None

Other Report Notes:

n/a: not applicable
ND: Not Detected
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

Soil results are reported on a dry weight basis when the units are denoted with 'dry'.
Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

CCME PHC additional information:

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.

Paracel ID: 1726389

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№ 113547

Page 1 of 1

Client Name: Paterson Group	Project Reference: PE4046
Contact Name: Eric Leveque	Quote #
Address: 154 Colonade Rd S.	PO # 20647
Telephone: 613-226-7381	Email Address: eleveque@patersongroup.ca

Turnaround Time: ☐ 1 Day ☐ 3 Day ☐ 2 Day ☑ Regular

Date Required: _____

Criteria: ☒ O. Reg. 153/04 (As Amended) Table __ ☐ RSC Filing ☐ O. Reg. 558/00 ☐ PWQO ☐ CCME ☐ SUB (Storm) ☐ SUB (Sanitary) Municipality: _____ ☐ Other: _____

Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)

Required Analyses

Paracel Order Number: 1726389

	Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken Date	Sample Taken Time	PHCs F1-F4+BTEX	VOCs	PAHs	Metals by ICP	Hg	CrVI	B (HWS)	~~BTEX + PHC~~ E.A.						
1	BH1 - AU1	S		2	June 28, 2017		✓										120ml + 1vial			
2	BH2 - SS3	S		2	↓		✓										↓			
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Comments:

Method of Delivery: Paracel

Relinquished By (Sign): [signature]	Received by Driver/Depot: [signature]	Received at Lab: SUNEEPORN DOKMAI	Verified By: [signature]
Relinquished By (Print): Erik Ardley	Date/Time: 29/06/17 3:20	Date/Time: JUN 29, 2017 05:10	Date/Time: 06/29/17 5:16
Date/Time: June 28, 2017	Temperature: °C	Temperature: 17.6 °C	pH Verified [ ] By:

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Certificate of Analysis

Paterson Group Consulting Engineers

154 Colonnade Road South
Nepean, ON K2E 7J5
Attn: Eric Leveque

Client PO: 20650
Project: PE4046
Custody: 36169

Report Date: 10-Jul-2017
Order Date: 6-Jul-2017

Order #: 1727374

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
1727374-01	BH1-GW1
1727374-02	BH2-GW1

Approved By:

Dale Robertson, BSc
Laboratory Director

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 20650

Report Date: 10-Jul-2017
Order Date: 6-Jul-2017
Project Description: PE4046

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
PHC F1	CWS Tier 1 - P&T GC-FID	7-Jul-17	9-Jul-17
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	7-Jul-17	8-Jul-17
REG 153: VOCs by P&T GC/MS	EPA 624 - P&T GC-MS	7-Jul-17	9-Jul-17

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 20650

Report Date: 10-Jul-2017

Order Date: 6-Jul-2017

Project Description: PE4046

	Client ID:	BH1-GW1	BH2-GW1	-	-
	Sample Date:	05-Jul-17	05-Jul-17	-	-
	Sample ID:	1727374-01	1727374-02	-	-
	MDL/Units	Water	Water	-	-
Volatiles					
Acetone	5.0 ug/L	<5.0	<5.0	-	-
Benzene	0.5 ug/L	<0.5	<0.5	-	-
Bromodichloromethane	0.5 ug/L	<0.5	<0.5	-	-
Bromoform	0.5 ug/L	<0.5	<0.5	-	-
Bromomethane	0.5 ug/L	<0.5	<0.5	-	-
Carbon Tetrachloride	0.2 ug/L	<0.2	<0.2	-	-
Chlorobenzene	0.5 ug/L	<0.5	<0.5	-	-
Chloroform	0.5 ug/L	4.6	<0.5	-	-
Dibromochloromethane	0.5 ug/L	<0.5	<0.5	-	-
Dichlorodifluoromethane	1.0 ug/L	<1.0	<1.0	-	-
1,2-Dichlorobenzene	0.5 ug/L	<0.5	<0.5	-	-
1,3-Dichlorobenzene	0.5 ug/L	<0.5	<0.5	-	-
1,4-Dichlorobenzene	0.5 ug/L	<0.5	<0.5	-	-
1,1-Dichloroethane	0.5 ug/L	<0.5	<0.5	-	-
1,2-Dichloroethane	0.5 ug/L	<0.5	<0.5	-	-
1,1-Dichloroethylene	0.5 ug/L	<0.5	<0.5	-	-
cis-1,2-Dichloroethylene	0.5 ug/L	<0.5	<0.5	-	-
trans-1,2-Dichloroethylene	0.5 ug/L	<0.5	<0.5	-	-
1,2-Dichloropropane	0.5 ug/L	<0.5	<0.5	-	-
cis-1,3-Dichloropropylene	0.5 ug/L	<0.5	<0.5	-	-
trans-1,3-Dichloropropylene	0.5 ug/L	<0.5	<0.5	-	-
1,3-Dichloropropene, total	0.5 ug/L	<0.5	<0.5	-	-
Ethylbenzene	0.5 ug/L	<0.5	<0.5	-	-
Ethylene dibromide (dibromoethan	0.2 ug/L	<0.2	<0.2	-	-
Hexane	1.0 ug/L	<1.0	<1.0	-	-
Methyl Ethyl Ketone (2-Butanone)	5.0 ug/L	<5.0	<5.0	-	-
Methyl Isobutyl Ketone	5.0 ug/L	<5.0	<5.0	-	-
Methyl tert-butyl ether	2.0 ug/L	<2.0	<2.0	-	-
Methylene Chloride	5.0 ug/L	<5.0	<5.0	-	-
Styrene	0.5 ug/L	<0.5	<0.5	-	-
1,1,1,2-Tetrachloroethane	0.5 ug/L	<0.5	<0.5	-	-
1,1,2,2-Tetrachloroethane	0.5 ug/L	<0.5	<0.5	-	-
Tetrachloroethylene	0.5 ug/L	<0.5	<0.5	-	-
Toluene	0.5 ug/L	<0.5	<0.5	-	-
1,1,1-Trichloroethane	0.5 ug/L	<0.5	<0.5	-	-

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 20650

Report Date: 10-Jul-2017

Order Date: 6-Jul-2017

Project Description: PE4046

	Client ID:	BH1-GW1	BH2-GW1	-	-
	Sample Date:	05-Jul-17	05-Jul-17	-	-
	Sample ID:	1727374-01	1727374-02	-	-
	MDL/Units	Water	Water	-	-
1,1,2-Trichloroethane	0.5 ug/L	<0.5	<0.5	-	-
Trichloroethylene	0.5 ug/L	<0.5	<0.5	-	-
Trichlorofluoromethane	1.0 ug/L	<1.0	<1.0	-	-
Vinyl chloride	0.5 ug/L	<0.5	<0.5	-	-
m,p-Xylenes	0.5 ug/L	<0.5	<0.5	-	-
o-Xylene	0.5 ug/L	<0.5	<0.5	-	-
Xylenes, total	0.5 ug/L	<0.5	<0.5	-	-
4-Bromofluorobenzene	Surrogate	101%	101%	-	-
Dibromofluoromethane	Surrogate	94.7%	95.1%	-	-
Toluene-d8	Surrogate	115%	113%	-	-
Hydrocarbons					
F1 PHCs (C6-C10)	25 ug/L	<25	<25	-	-
F2 PHCs (C10-C16)	100 ug/L	<100	<100	-	-
F3 PHCs (C16-C34)	100 ug/L	<100	<100	-	-
F4 PHCs (C34-C50)	100 ug/L	<100	<100	-	-

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L						
F2 PHCs (C10-C16)	ND	100	ug/L						
F3 PHCs (C16-C34)	ND	100	ug/L						
F4 PHCs (C34-C50)	ND	100	ug/L						
Volatiles									
Acetone	ND	5.0	ug/L						
Benzene	ND	0.5	ug/L						
Bromodichloromethane	ND	0.5	ug/L						
Bromoform	ND	0.5	ug/L						
Bromomethane	ND	0.5	ug/L						
Carbon Tetrachloride	ND	0.2	ug/L						
Chlorobenzene	ND	0.5	ug/L						
Chloroform	ND	0.5	ug/L						
Dibromochloromethane	ND	0.5	ug/L						
Dichlorodifluoromethane	ND	1.0	ug/L						
1,2-Dichlorobenzene	ND	0.5	ug/L						
1,3-Dichlorobenzene	ND	0.5	ug/L						
1,4-Dichlorobenzene	ND	0.5	ug/L						
1,1-Dichloroethane	ND	0.5	ug/L						
1,2-Dichloroethane	ND	0.5	ug/L						
1,1-Dichloroethylene	ND	0.5	ug/L						
cis-1,2-Dichloroethylene	ND	0.5	ug/L						
trans-1,2-Dichloroethylene	ND	0.5	ug/L						
1,2-Dichloropropane	ND	0.5	ug/L						
cis-1,3-Dichloropropylene	ND	0.5	ug/L						
trans-1,3-Dichloropropylene	ND	0.5	ug/L						
1,3-Dichloropropene, total	ND	0.5	ug/L						
Ethylbenzene	ND	0.5	ug/L						
Ethylene dibromide (dibromoethane	ND	0.2	ug/L						
Hexane	ND	1.0	ug/L						
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L						
Methyl Isobutyl Ketone	ND	5.0	ug/L						
Methyl tert-butyl ether	ND	2.0	ug/L						
Methylene Chloride	ND	5.0	ug/L						
Styrene	ND	0.5	ug/L						
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L						
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L						
Tetrachloroethylene	ND	0.5	ug/L						
Toluene	ND	0.5	ug/L						
1,1,1-Trichloroethane	ND	0.5	ug/L						
1,1,2-Trichloroethane	ND	0.5	ug/L						
Trichloroethylene	ND	0.5	ug/L						
Trichlorofluoromethane	ND	1.0	ug/L						
Vinyl chloride	ND	0.5	ug/L						
m,p-Xylenes	ND	0.5	ug/L						
o-Xylene	ND	0.5	ug/L						
Xylenes, total	ND	0.5	ug/L						
Surrogate: 4-Bromofluorobenzene	*80.9*		*ug/L*		*101*	*50-140*			
Surrogate: Dibromofluoromethane	*74.9*		*ug/L*		*93.6*	*50-140*			
Surrogate: Toluene-d8	*89.1*		*ug/L*		*111*	*50-140*			

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L	ND				30	
Volatiles									
Acetone	ND	5.0	ug/L	ND				30	
Benzene	ND	0.5	ug/L	ND				30	
Bromodichloromethane	ND	0.5	ug/L	ND				30	
Bromoform	ND	0.5	ug/L	ND				30	
Bromomethane	ND	0.5	ug/L	ND				30	
Carbon Tetrachloride	ND	0.2	ug/L	ND				30	
Chlorobenzene	ND	0.5	ug/L	ND				30	
Chloroform	ND	0.5	ug/L	ND				30	
Dibromochloromethane	ND	0.5	ug/L	ND				30	
Dichlorodifluoromethane	ND	1.0	ug/L	ND				30	
1,2-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,3-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,4-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,1-Dichloroethane	ND	0.5	ug/L	ND				30	
1,2-Dichloroethane	ND	0.5	ug/L	ND				30	
1,1-Dichloroethylene	ND	0.5	ug/L	ND				30	
cis-1,2-Dichloroethylene	ND	0.5	ug/L	ND				30	
trans-1,2-Dichloroethylene	ND	0.5	ug/L	ND				30	
1,2-Dichloropropane	ND	0.5	ug/L	ND				30	
cis-1,3-Dichloropropylene	ND	0.5	ug/L	ND				30	
trans-1,3-Dichloropropylene	ND	0.5	ug/L	ND				30	
Ethylbenzene	ND	0.5	ug/L	ND				30	
Ethylene dibromide (dibromoethane	ND	0.2	ug/L	ND				30	
Hexane	ND	1.0	ug/L	ND				30	
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L	ND				30	
Methyl Isobutyl Ketone	ND	5.0	ug/L	ND				30	
Methyl tert-butyl ether	ND	2.0	ug/L	ND				30	
Methylene Chloride	ND	5.0	ug/L	ND				30	
Styrene	ND	0.5	ug/L	ND				30	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	ND				30	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	ND				30	
Tetrachloroethylene	ND	0.5	ug/L	ND				30	
Toluene	ND	0.5	ug/L	ND				30	
1,1,1-Trichloroethane	ND	0.5	ug/L	ND				30	
1,1,2-Trichloroethane	ND	0.5	ug/L	ND				30	
Trichloroethylene	ND	0.5	ug/L	ND				30	
Trichlorofluoromethane	ND	1.0	ug/L	ND				30	
Vinyl chloride	ND	0.5	ug/L	ND				30	
m,p-Xylenes	ND	0.5	ug/L	ND				30	
o-Xylene	ND	0.5	ug/L	ND				30	
Surrogate: 4-Bromofluorobenzene	*79.1*		*ug/L*		*98.8*	*50-140*			
Surrogate: Dibromofluoromethane	*75.3*		*ug/L*		*94.1*	*50-140*			
Surrogate: Toluene-d8	*91.9*		*ug/L*		*115*	*50-140*			

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 20650

Report Date: 10-Jul-2017
Order Date: 6-Jul-2017
Project Description: PE4046

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	1930	25	ug/L		96.5	68-117			
F2 PHCs (C10-C16)	1660	100	ug/L		92.1	60-140			
F3 PHCs (C16-C34)	3130	100	ug/L		84.0	60-140			
F4 PHCs (C34-C50)	2740	100	ug/L		110	60-140			
Volatiles									
Acetone	116	5.0	ug/L		116	50-140			
Benzene	39.0	0.5	ug/L		97.6	60-130			
Bromodichloromethane	39.6	0.5	ug/L		99.0	60-130			
Bromoform	43.4	0.5	ug/L		109	60-130			
Bromomethane	30.8	0.5	ug/L		77.1	50-140			
Carbon Tetrachloride	38.7	0.2	ug/L		96.8	60-130			
Chlorobenzene	41.5	0.5	ug/L		104	60-130			
Chloroform	38.3	0.5	ug/L		95.6	60-130			
Dibromochloromethane	41.5	0.5	ug/L		104	60-130			
Dichlorodifluoromethane	42.9	1.0	ug/L		107	50-140			
1,2-Dichlorobenzene	47.5	0.5	ug/L		119	60-130			
1,3-Dichlorobenzene	46.2	0.5	ug/L		116	60-130			
1,4-Dichlorobenzene	45.4	0.5	ug/L		113	60-130			
1,1-Dichloroethane	39.8	0.5	ug/L		99.4	60-130			
1,2-Dichloroethane	38.5	0.5	ug/L		96.4	60-130			
1,1-Dichloroethylene	38.8	0.5	ug/L		97.0	60-130			
cis-1,2-Dichloroethylene	38.2	0.5	ug/L		95.6	60-130			
trans-1,2-Dichloroethylene	39.0	0.5	ug/L		97.4	60-130			
1,2-Dichloropropane	40.6	0.5	ug/L		101	60-130			
cis-1,3-Dichloropropylene	41.1	0.5	ug/L		103	60-130			
trans-1,3-Dichloropropylene	42.5	0.5	ug/L		106	60-130			
Ethylbenzene	45.7	0.5	ug/L		114	60-130			
Ethylene dibromide (dibromoethane	41.5	0.2	ug/L		104	60-130			
Hexane	38.0	1.0	ug/L		95.1	60-130			
Methyl Ethyl Ketone (2-Butanone)	105	5.0	ug/L		105	50-140			
Methyl Isobutyl Ketone	116	5.0	ug/L		116	50-140			
Methyl tert-butyl ether	100	2.0	ug/L		100	50-140			
Methylene Chloride	47.9	5.0	ug/L		120	60-130			
Styrene	47.4	0.5	ug/L		119	60-130			
1,1,1,2-Tetrachloroethane	43.5	0.5	ug/L		109	60-130			
1,1,2,2-Tetrachloroethane	49.5	0.5	ug/L		124	60-130			
Tetrachloroethylene	38.9	0.5	ug/L		97.2	60-130			
Toluene	41.6	0.5	ug/L		104	60-130			
1,1,1-Trichloroethane	38.4	0.5	ug/L		96.1	60-130			
1,1,2-Trichloroethane	39.6	0.5	ug/L		99.0	60-130			
Trichloroethylene	38.1	0.5	ug/L		95.2	60-130			
Trichlorofluoromethane	39.5	1.0	ug/L		98.8	60-130			
Vinyl chloride	37.6	0.5	ug/L		94.1	50-140			
m,p-Xylenes	87.5	0.5	ug/L		109	60-130			
o-Xylene	44.4	0.5	ug/L		111	60-130			
Surrogate: 4-Bromofluorobenzene	*80.8*		*ug/L*		*101*	*50-140*			

Qualifier Notes:

None

Sample Data Revisions

None

Work Order Revisions / Comments:

None

Other Report Notes:

n/a: not applicable
ND: Not Detected
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

CCME PHC additional information:

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.

Paracel ID: 1727374

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Page 1 of 1

Client Name: Paterson Group	Project Reference: PE4046	**Turnaround Time:**
Contact Name: Eric Leveque	Quote #	☐ 1 Day ☐ 3 Day
Address: 154 Colonnade Rd S.	PO # 20650	☐ 2 Day ☑ Regular
Telephone: 613-226-7381	Email Address: eleveque@patersongroup.ca	Date Required:

Criteria: ☒ O. Reg. 153/04 (As Amended) Table __ ☐ RSC Filing ☐ O. Reg. 558/00 ☐ PWQO ☐ CCME ☐ SUB (Storm) ☐ SUB (Sanitary) Municipality: ☐ Other:

Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)

	Paracel Order Number: 1727374				Sample Taken		Required Analyses	
	Sample ID/Location Name	Matrix	Air Volume	# of Containers	Date	Time	PHC (F1-F4)	VOC
1	BH1-GW1	GW		3	July 5, 2017		✓	✓
2	BH2-GW1	GW		3	↓		✓	✓
3								
4								
5								
6								
7								
8								
9								
10								

Comments:

Method of Delivery: Paracel

Relinquished By (Sign):	Received by Driver/Depot: A. Lecuse	Received at Lab:	Verified By:
Relinquished By (Print): ERIN ARDLEY	Date/Time: 06/07/17 3:40 PM	Date/Time: 07/07/17 5:30	Date/Time: 07/07/17 11:29
Date/Time: July 5, 2017	Temperature: °C	Temperature: 5.5 °C	pH Verified [ ] By:

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Certificate of Analysis

Paterson Group Consulting Engineers

154 Colonnade Road South
Nepean, ON K2E 7J5
Attn: Eric Leveque

Client PO: 22043
Project: PE4046
Custody: 37374

Report Date: 18-Jul-2017
Order Date: 12-Jul-2017

Order #: 1728358

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
1728358-01	BH1-GW2

Approved By:

Dale Robertson, BSc
Laboratory Director

Any use of these results implies your agreement that our total liabilty in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
PHC F1	CWS Tier 1 - P&T GC-FID	14-Jul-17	16-Jul-17
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	14-Jul-17	15-Jul-17
REG 153: VOCs by P&T GC/MS	EPA 624 - P&T GC-MS	14-Jul-17	16-Jul-17

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 22043

Report Date: 18-Jul-2017

Order Date: 12-Jul-2017

Project Description: PE4046

	Client ID:	BH1-GW2	-	-	-
	Sample Date:	12-Jul-17	-	-	-
	Sample ID:	1728358-01	-	-	-
	MDL/Units	Water	-	-	-
Volatiles					
Acetone	5.0 ug/L	<5.0	-	-	-
Benzene	0.5 ug/L	<0.5	-	-	-
Bromodichloromethane	0.5 ug/L	<0.5	-	-	-
Bromoform	0.5 ug/L	<0.5	-	-	-
Bromomethane	0.5 ug/L	<0.5	-	-	-
Carbon Tetrachloride	0.2 ug/L	<0.2	-	-	-
Chlorobenzene	0.5 ug/L	<0.5	-	-	-
Chloroform	0.5 ug/L	2.3	-	-	-
Dibromochloromethane	0.5 ug/L	<0.5	-	-	-
Dichlorodifluoromethane	1.0 ug/L	<1.0	-	-	-
1,2-Dichlorobenzene	0.5 ug/L	<0.5	-	-	-
1,3-Dichlorobenzene	0.5 ug/L	<0.5	-	-	-
1,4-Dichlorobenzene	0.5 ug/L	<0.5	-	-	-
1,1-Dichloroethane	0.5 ug/L	<0.5	-	-	-
1,2-Dichloroethane	0.5 ug/L	<0.5	-	-	-
1,1-Dichloroethylene	0.5 ug/L	<0.5	-	-	-
cis-1,2-Dichloroethylene	0.5 ug/L	<0.5	-	-	-
trans-1,2-Dichloroethylene	0.5 ug/L	<0.5	-	-	-
1,2-Dichloropropane	0.5 ug/L	<0.5	-	-	-
cis-1,3-Dichloropropylene	0.5 ug/L	<0.5	-	-	-
trans-1,3-Dichloropropylene	0.5 ug/L	<0.5	-	-	-
1,3-Dichloropropene, total	0.5 ug/L	<0.5	-	-	-
Ethylbenzene	0.5 ug/L	<0.5	-	-	-
Ethylene dibromide (dibromoethan	0.2 ug/L	<0.2	-	-	-
Hexane	1.0 ug/L	<1.0	-	-	-
Methyl Ethyl Ketone (2-Butanone)	5.0 ug/L	<5.0	-	-	-
Methyl Isobutyl Ketone	5.0 ug/L	<5.0	-	-	-
Methyl tert-butyl ether	2.0 ug/L	<2.0	-	-	-
Methylene Chloride	5.0 ug/L	<5.0	-	-	-
Styrene	0.5 ug/L	<0.5	-	-	-
1,1,1,2-Tetrachloroethane	0.5 ug/L	<0.5	-	-	-
1,1,2,2-Tetrachloroethane	0.5 ug/L	<0.5	-	-	-
Tetrachloroethylene	0.5 ug/L	<0.5	-	-	-
Toluene	0.5 ug/L	<0.5	-	-	-
1,1,1-Trichloroethane	0.5 ug/L	<0.5	-	-	-

Certificate of Analysis

Client: Paterson Group Consulting Engineers

Client PO: 22043

Report Date: 18-Jul-2017

Order Date: 12-Jul-2017

Project Description: PE4046

	Client ID:	BH1-GW2	-	-	-
	Sample Date:	12-Jul-17	-	-	-
	Sample ID:	1728358-01	-	-	-
	MDL/Units	Water	-	-	-
1,1,2-Trichloroethane	0.5 ug/L	<0.5	-	-	-
Trichloroethylene	0.5 ug/L	<0.5	-	-	-
Trichlorofluoromethane	1.0 ug/L	<1.0	-	-	-
Vinyl chloride	0.5 ug/L	<0.5	-	-	-
m,p-Xylenes	0.5 ug/L	<0.5	-	-	-
o-Xylene	0.5 ug/L	<0.5	-	-	-
Xylenes, total	0.5 ug/L	<0.5	-	-	-
4-Bromofluorobenzene	Surrogate	96.8%	-	-	-
Dibromofluoromethane	Surrogate	118%	-	-	-
Toluene-d8	Surrogate	109%	-	-	-
Hydrocarbons					
F1 PHCs (C6-C10)	25 ug/L	<25	-	-	-
F2 PHCs (C10-C16)	100 ug/L	<100	-	-	-
F3 PHCs (C16-C34)	100 ug/L	<100	-	-	-
F4 PHCs (C34-C50)	100 ug/L	<100	-	-	-

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 22043

Report Date: 18-Jul-2017
Order Date: 12-Jul-2017
Project Description: PE4046

Method Quality Control: Blank

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L						
F2 PHCs (C10-C16)	ND	100	ug/L						
F3 PHCs (C16-C34)	ND	100	ug/L						
F4 PHCs (C34-C50)	ND	100	ug/L						
Volatiles									
Acetone	ND	5.0	ug/L						
Benzene	ND	0.5	ug/L						
Bromodichloromethane	ND	0.5	ug/L						
Bromoform	ND	0.5	ug/L						
Bromomethane	ND	0.5	ug/L						
Carbon Tetrachloride	ND	0.2	ug/L						
Chlorobenzene	ND	0.5	ug/L						
Chloroform	ND	0.5	ug/L						
Dibromochloromethane	ND	0.5	ug/L						
Dichlorodifluoromethane	ND	1.0	ug/L						
1,2-Dichlorobenzene	ND	0.5	ug/L						
1,3-Dichlorobenzene	ND	0.5	ug/L						
1,4-Dichlorobenzene	ND	0.5	ug/L						
1,1-Dichloroethane	ND	0.5	ug/L						
1,2-Dichloroethane	ND	0.5	ug/L						
1,1-Dichloroethylene	ND	0.5	ug/L						
cis-1,2-Dichloroethylene	ND	0.5	ug/L						
trans-1,2-Dichloroethylene	ND	0.5	ug/L						
1,2-Dichloropropane	ND	0.5	ug/L						
cis-1,3-Dichloropropylene	ND	0.5	ug/L						
trans-1,3-Dichloropropylene	ND	0.5	ug/L						
1,3-Dichloropropene, total	ND	0.5	ug/L						
Ethylbenzene	ND	0.5	ug/L						
Ethylene dibromide (dibromoethane	ND	0.2	ug/L						
Hexane	ND	1.0	ug/L						
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L						
Methyl Isobutyl Ketone	ND	5.0	ug/L						
Methyl tert-butyl ether	ND	2.0	ug/L						
Methylene Chloride	ND	5.0	ug/L						
Styrene	ND	0.5	ug/L						
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L						
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L						
Tetrachloroethylene	ND	0.5	ug/L						
Toluene	ND	0.5	ug/L						
1,1,1-Trichloroethane	ND	0.5	ug/L						
1,1,2-Trichloroethane	ND	0.5	ug/L						
Trichloroethylene	ND	0.5	ug/L						
Trichlorofluoromethane	ND	1.0	ug/L						
Vinyl chloride	ND	0.5	ug/L						
m,p-Xylenes	ND	0.5	ug/L						
o-Xylene	ND	0.5	ug/L						
Xylenes, total	ND	0.5	ug/L						
Surrogate: 4-Bromofluorobenzene	*78.0*		*ug/L*		*97.4*	*50-140*			
Surrogate: Dibromofluoromethane	*92.6*		*ug/L*		*116*	*50-140*			
Surrogate: Toluene-d8	*88.7*		*ug/L*		*111*	*50-140*			

Method Quality Control: Duplicate

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	ND	25	ug/L	ND				30	
Volatiles									
Acetone	ND	5.0	ug/L	ND				30	
Benzene	ND	0.5	ug/L	ND				30	
Bromodichloromethane	ND	0.5	ug/L	ND				30	
Bromoform	ND	0.5	ug/L	ND				30	
Bromomethane	ND	0.5	ug/L	ND				30	
Carbon Tetrachloride	ND	0.2	ug/L	ND				30	
Chlorobenzene	ND	0.5	ug/L	ND				30	
Chloroform	ND	0.5	ug/L	ND				30	
Dibromochloromethane	ND	0.5	ug/L	ND				30	
Dichlorodifluoromethane	ND	1.0	ug/L	ND				30	
1,2-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,3-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,4-Dichlorobenzene	ND	0.5	ug/L	ND				30	
1,1-Dichloroethane	ND	0.5	ug/L	ND				30	
1,2-Dichloroethane	ND	0.5	ug/L	ND				30	
1,1-Dichloroethylene	ND	0.5	ug/L	ND				30	
cis-1,2-Dichloroethylene	ND	0.5	ug/L	ND				30	
trans-1,2-Dichloroethylene	ND	0.5	ug/L	ND				30	
1,2-Dichloropropane	ND	0.5	ug/L	ND				30	
cis-1,3-Dichloropropylene	ND	0.5	ug/L	ND				30	
trans-1,3-Dichloropropylene	ND	0.5	ug/L	ND				30	
Ethylbenzene	ND	0.5	ug/L	ND				30	
Ethylene dibromide (dibromoethane	ND	0.2	ug/L	ND				30	
Hexane	ND	1.0	ug/L	ND				30	
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L	ND				30	
Methyl Isobutyl Ketone	ND	5.0	ug/L	ND				30	
Methyl tert-butyl ether	ND	2.0	ug/L	ND				30	
Methylene Chloride	ND	5.0	ug/L	ND				30	
Styrene	ND	0.5	ug/L	ND				30	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	ND				30	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	ND				30	
Tetrachloroethylene	ND	0.5	ug/L	ND				30	
Toluene	ND	0.5	ug/L	ND				30	
1,1,1-Trichloroethane	ND	0.5	ug/L	ND				30	
1,1,2-Trichloroethane	ND	0.5	ug/L	ND				30	
Trichloroethylene	ND	0.5	ug/L	ND				30	
Trichlorofluoromethane	ND	1.0	ug/L	ND				30	
Vinyl chloride	ND	0.5	ug/L	ND				30	
m,p-Xylenes	ND	0.5	ug/L	ND				30	
o-Xylene	ND	0.5	ug/L	ND				30	
Surrogate: 4-Bromofluorobenzene	*77.3*		*ug/L*		*96.6*	*50-140*			
Surrogate: Dibromofluoromethane	*95.1*		*ug/L*		*119*	*50-140*			
Surrogate: Toluene-d8	*88.3*		*ug/L*		*110*	*50-140*			

Certificate of Analysis
Client: Paterson Group Consulting Engineers
Client PO: 22043

Report Date: 18-Jul-2017
Order Date: 12-Jul-2017
Project Description: PE4046

Method Quality Control: Spike

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Hydrocarbons									
F1 PHCs (C6-C10)	2030	25	ug/L		101	68-117			
F2 PHCs (C10-C16)	2150	100	ug/L		120	60-140			
F3 PHCs (C16-C34)	4120	100	ug/L		111	60-140			
F4 PHCs (C34-C50)	2790	100	ug/L		112	60-140			
Volatiles									
Acetone	105	5.0	ug/L		105	50-140			
Benzene	44.0	0.5	ug/L		110	60-130			
Bromodichloromethane	47.4	0.5	ug/L		118	60-130			
Bromoform	44.6	0.5	ug/L		111	60-130			
Bromomethane	38.4	0.5	ug/L		96.0	50-140			
Carbon Tetrachloride	44.5	0.2	ug/L		111	60-130			
Chlorobenzene	41.5	0.5	ug/L		104	60-130			
Chloroform	43.9	0.5	ug/L		110	60-130			
Dibromochloromethane	44.7	0.5	ug/L		112	60-130			
Dichlorodifluoromethane	42.8	1.0	ug/L		107	50-140			
1,2-Dichlorobenzene	41.0	0.5	ug/L		103	60-130			
1,3-Dichlorobenzene	40.3	0.5	ug/L		101	60-130			
1,4-Dichlorobenzene	40.0	0.5	ug/L		100	60-130			
1,1-Dichloroethane	44.4	0.5	ug/L		111	60-130			
1,2-Dichloroethane	42.4	0.5	ug/L		106	60-130			
1,1-Dichloroethylene	39.2	0.5	ug/L		98.0	60-130			
cis-1,2-Dichloroethylene	45.3	0.5	ug/L		113	60-130			
trans-1,2-Dichloroethylene	39.3	0.5	ug/L		98.4	60-130			
1,2-Dichloropropane	41.6	0.5	ug/L		104	60-130			
cis-1,3-Dichloropropylene	50.2	0.5	ug/L		126	60-130			
trans-1,3-Dichloropropylene	48.1	0.5	ug/L		120	60-130			
Ethylbenzene	47.4	0.5	ug/L		119	60-130			
Ethylene dibromide (dibromoethane	41.8	0.2	ug/L		104	60-130			
Hexane	43.4	1.0	ug/L		109	60-130			
Methyl Ethyl Ketone (2-Butanone)	113	5.0	ug/L		113	50-140			
Methyl Isobutyl Ketone	111	5.0	ug/L		111	50-140			
Methyl tert-butyl ether	108	2.0	ug/L		108	50-140			
Methylene Chloride	27.1	5.0	ug/L		67.6	60-130			
Styrene	48.5	0.5	ug/L		121	60-130			
1,1,1,2-Tetrachloroethane	44.1	0.5	ug/L		110	60-130			
1,1,2,2-Tetrachloroethane	45.0	0.5	ug/L		112	60-130			
Tetrachloroethylene	39.8	0.5	ug/L		99.4	60-130			
Toluene	42.5	0.5	ug/L		106	60-130			
1,1,1-Trichloroethane	45.0	0.5	ug/L		112	60-130			
1,1,2-Trichloroethane	43.8	0.5	ug/L		109	60-130			
Trichloroethylene	40.7	0.5	ug/L		102	60-130			
Trichlorofluoromethane	41.9	1.0	ug/L		105	60-130			
Vinyl chloride	44.7	0.5	ug/L		112	50-140			
m,p-Xylenes	89.2	0.5	ug/L		112	60-130			
o-Xylene	43.9	0.5	ug/L		110	60-130			
Surrogate: 4-Bromofluorobenzene	*70.3*		*ug/L*		*87.9*	*50-140*			

Qualifier Notes:

None

Sample Data Revisions

None

Work Order Revisions / Comments:

None

Other Report Notes:

n/a: not applicable
ND: Not Detected
MDL: Method Detection Limit
Source Result: Data used as source for matrix and duplicate samples
%REC: Percent recovery.
RPD: Relative percent difference.

CCME PHC additional information:

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.

Paracel ID: 1728358

PARACEL LABORATORIES LTD. | TRUSTED RESPONS RELIABLE.

e: paracel@paracellabs.com

Chain of Custody (Lab Use Only)

№ 37374

Page ___ of ___

Client Name: Paterson	Project Reference: PE4046	**Turnaround Time:**
Contact Name: Eric Levesque	Quote #	☐ 1 Day ☐ 3 Day
Address: 154 Colonnade Rd, Ottawa, ON	PO # 22043	☐ 2 Day ☑ Regular
Telephone:	Email Address: elevesque@patersongroup.ca mmoroz@patersongroup.ca	Date Required:

Criteria: ☒ O. Reg. 153/04 (As Amended) Table __ ☐ RSC Filing ☐ O. Reg. 558/00 ☐ PWQO ☐ CCME ☐ SUB (Storm) ☐ SUB (Sanitary) Municipality: ☐ Other:

Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)

Paracel Order Number: 1728358

	Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken: Date	Sample Taken: Time	VOCs	PHCs F1-F4									
1	BH1-GW2	W		3	2017-07-12	1335	X	X									
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Comments:

Method of Delivery: Swift

Relinquished By (Sign):	Received by Driver/Depot: Swift # 842	Received at Lab: SUNEEP ORN DOK MAI	Verified By:
Relinquished By (Print): Marek Moroz	Date/Time:	Date/Time: July 12, 2017 04:02	Date/Time: 07/13/17 9:28a
Date/Time: 2017-07-12	Temperature: ___ °C	Temperature: 9.7 °C	pH Verified [ ] By:

Chain of Custody (Blank) - Rev 0.4 Feb 2016

#389
ROOSEVELT AVE.
RESIDENTIAL

#403 RICHMOND ROAD
WESTBORO CHAPEL /
TUBMAN FUNERAL HOME

FH - TBM

ROOSEVELT AVENUE

RICHMOND ROAD

GRASS

GRASS

INTERLOCK DRIVEWAY

GRASS

ASPHALTIC
CONCRETE

GRAVEL

**#398
ROOSEVELT
AVENUE
RESIDENTIAL**

**BH 2
99.11
[97.76]
(94.34)**

**#402
ROOSEVELT AVENUE
RESIDENTIAL**

**#406
ROOSEVELT AVENUE
RESIDENTIAL**

GARAGE

#390
ROOSEVELT AVE.
RESIDENTIAL

#394 ROOSEVELT AVE.
RESIDENTIAL

#415 RICHMOND ROAD COMMERCIAL
WESTBORO VILLAGE CENTRE
(STARBCUKS, PHARMACY,
MASSAGE/YOGA CLINIC)
FORMER RETAIL FUEL OUTLET AND
AUTOMOTIVE SERVICE GARAGE

GRASS

GARAGE

INTERLOCK

GRASS

**BH 1
98.68
[97.99]
(93.50)**

SHED

#389 BERKLEY AVE.
RESIDENTIAL

#391 BERKLEY AVE.
RESIDENTIAL

#395 BERKLEY AVENUE
RESIDENTIAL

#397 BERKLEY AVE.
RESIDENTIAL

#399 BERKLEY AVE.
RESIDENTIAL

#401 BERKLEY AVENUE
RESIDENTIAL

LEGEND:

⊕	BOREHOLE WITH MONITORING WELL LOCATION
98.68	GROUND SURFACE ELEVATION (m)
[97.99]	BEDROCK SURFACE ELEVATION (m)
(93.46)	GROUNDWATER SURFACE ELEVATION (m)

TBM - TOP SPINDLE OF FIRE HYDRANT. ASSUMED ELEVATION = 100.00m.

patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL
0			

DOMICILE DEVELOPMENTS

PHASE II - ENVIRONMENTAL SITE ASSESSMENT
398, 402 AND 406 ROOSEVELT AVENUE

OTTAWA, ONTARIO

Title:

TEST HOLE LOCATION PLAN

Scale: 1:250	**Date:** 10/2017
Drawn by: MPG	**Report No.:** PE4046-1
Checked by: AG	**Dwg. No.:** PE4046-1
Approved by: MSD	**Revision No.:** 0

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