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**Phase I-Environmental Site Assessment**

1050 and 1060 Bank Street  
Ottawa, Ontario

Prepared For

2641723 Ontario Inc.

December 10, 2019

Report: PE4783-1

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## **EXECUTIVE SUMMARY**

### **Assessment**

Paterson Group was retained by 2641723 Ontario Inc. to conduct a Phase I-Environmental Site Assessment (ESA) for the properties addressed 1050 and 1060 Bank Street, in the City of Ottawa, Ontario. It should be noted that in addition to the lands fronting onto Bank Street, the Phase I Property includes a small parcel of land (also addressed 1060 Bank Street) separated from the larger property by an easement approximately 3m in width. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the northern portion of the Phase I Property (1050 Bank Street) was developed as early as 1928 with the original portion of the present-day structure, and was operated as a retail fuel outlet and automotive service garage through the late 1970's. The southern portion of the Phase I Property (1060 Bank Street) was developed circa 1947 with the present-day building structure, and had also operated as a retail fuel outlet and automotive service garage or automotive body shop through the late 1970's. Both 1050 and 1060 Bank Street were subsequently occupied by various retail and restaurant establishments. The small parcel of land, west of the adjacent easement, appears to have never been developed.

The former tank nests and pump islands associated with the historical retail fuel outlets are potentially contaminating activities (PCAs) resulting in areas of potential environmental concern (APECs) on the Phase I Property. The former automotive service garages and/or body shop are also PCAs resulting in APECs on the Phase I Property.

The historical use of the neighbouring properties within the Phase I study area, was a combination of residential, commercial (primarily along Bank Street), community and parkland along the Rideau Canal and Brown's Inlet. A former retail fuel outlet and automotive service garage was located at 1063 Bank Street, approximately 20m east of the Phase I Property, across Bank Street. A former dry cleaner was located at 1069 Bank Street, immediately south of 1063 Bank Street, and approximately 20m southeast of the Phase I Property. A second historical drycleaner was located at 1072 Bank Street, approximately 25m south of the Phase I Property, across Euclid Street.

These off-site PCAs are considered to represent APECs on the Phase I Property.

A second retail fuel outlet was identified at 1080 Bank Street, approximately 40m south of the Phase I Property, across Sunnyside Avenue. In 2009, a Record of Site Condition was filed in the MECP Environmental Site Registry (ESR) for this property. Based on the information contained in the ESR, in combination with the separation distance, this property is not considered to represent an APEC on the Phase I Property. Other off-site PCAs identified as part of the historical review are also not considered to represent APECs on the Phase I Property based on their significant separation distances and/or orientations relative to the subject land.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by two (2) commercial buildings. The building addressed 1050 Bank Street houses Siam Kitchen restaurant and Boomerang Kids consignment store, while the building addressed 1060 Bank Street houses the Barely Mow restaurant. The remainder of the property is occupied by paved parking areas and a vacant grassed area west of the adjacent easement. No potential environmental concerns were noted with the current use of the Phase I Property.

Neighbouring land use within the Phase I study area remains a combination of residential, community, with primarily commercial land use along Bank Street, and parkland along the Rideau Canal and Brown's Inlet. The commercial property to the east at 1063 Bank Street, remains occupied by the former automotive service garage building, although it is no longer operational. As previously noted, this property is considered to represent an APEC on the Phase I Property. No other off-site PCAs were identified within the Phase I study area at the time of the site visits.

Based on the results of the assessment, **it is our opinion, that a Phase II Environmental Site Assessment is required for the Phase I Property.**

## **Recommendations**

It is our understanding that the subject structures will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

## 1.0 INTRODUCTION

At the request of 2641723 Ontario Inc., Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) for the properties addressed 1050 and 1060 Bank Street, in the City of Ottawa, Ontario, herein referred to as the Phase I Property. The purpose of this Phase I-ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject land.

Paterson was engaged to conduct this Phase I-ESA by Mr. Domenic Santaguida with 2641723 Ontario Inc. The head office of 2641723 Ontario Inc. is located at 3625 Rivergate Way, Ottawa. Mr. Santaguida can be reached by telephone at (613) 868-5536.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04, as amended, under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01. 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 are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial and federal agencies, and was limited within the scope-of-work, time and budget of the project herein.

## 2.0 PHASE I PROPERTY INFORMATION

Address:	1050 and 1060 Bank Street, Ottawa, Ontario
Legal Description:	Part of Lots 2, 3, 4, 5, 6 and 7 of Registered Plan RP101126 and Part of Lot A of Registered Plan RP116274, in the City of Ottawa, Ontario
Property Identification Number:	04143-0673, 04143-0674, 04143-0324, 04143-0676
Location:	The Phase I Property is located on the west side of Bank Street bounded between Alymer Avenue and Euclid Avenue, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan in the Figures section following the text.
Latitude and Longitude:	45° 23' 43.16" N, 75° 41' 3.72" W
<b>Site Description:</b>	
Configuration:	Irregular
Site Area:	2,115 m <sup>2</sup> (approximately)
Zoning:	TM – Traditional Mainstreet Zone
Current Use:	The Phase I Property is used for commercial purposes: a restaurant and retail store at 1050 Bank Street and a restaurant at 1060 Bank Street.
Services:	The Phase I Property is located in a municipally serviced area.

### **3.0 SCOPE OF INVESTIGATION**

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of O.Reg. 153/04, as amended, under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

## 4.0 RECORDS REVIEW

### 4.1 General

#### **Phase I-ESA Study Area Determination**

A radius of approximately 250 m was determined to be appropriate as a Phase I study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land based on their significant distance from the Phase I Property.

#### **First Developed Use Determination**

Based on the 1928 aerial photograph, the northern portion of the Phase I Property (1050 Bank Street) appears to be developed at this time. The first listing in the city directories for 1050 Bank Street was in 1933, listed as Imperial Oil Service Station, which coincides with the listed owner, Imperial Oil Limited, on the Chain of Title in 1928. For the purpose of this report, the Phase I Property is considered to have been first developed circa 1928 for commercial purposes.

#### **National Archives**

The 1912 and 1956 Fire Insurance Plans (FIPs) for the Phase I Property and lands within the Phase I Study Area were reviewed as part of this assessment.

The 1912 FIPs depicts the Phase I Property as vacant land while the 1956 FIP depicts the Phase I Property as occupied by two (2) gasoline service stations otherwise referred to retail fuel outlets (RFOs), each with 3 underground storage tanks (USTs) and an automotive garage. The former pump islands, USTs and automotive service garages at both 1050 and 1060 Bank Street are potentially contaminating activities (PCAs) that result in areas of potential environmental concern (APECs) on the Phase I Property.

Neighbouring properties in the 1912 FIPs are shown as residential with some community buildings (school, library) with very little commercial development along Bank Street, while the 1956 FIPs depict dense residential development in the surrounding area with commercial development along Bank Street. During the FIP review, a retail fuel outlet and automotive service garage and a drycleaner were identified at 1080 Bank Street and 1103 Bank Street, approximately 48m and 117m south of the site, respectively. Based on the separation distances of these PCAs, they are not considered to generate APECs on the Phase I Property.

City directories were reviewed for the Phase I Property and surrounding properties within the 250m study area, from 1927 to 2011 at approximately 10-year intervals. It should be noted that Ottawa directories were not available for the Phase I Property in or prior to 1927.

According to the city directories, the Phase I Property was listed as various service stations, automotive garages and a body shop from 1933 to 1970s. Subsequently from 1981 to 2011, the Phase I Property was listed under various commercial business (retailers and restaurants). The activities listed in the directories for the Phase I Property are summarized in Table 1.

<b>TABLE 1: Phase I Property City Directories Review Summary</b>			
<b>Address</b>	<b>Listed Activity</b>	<b>Years Listed</b>	<b>Potentially Contaminating Activity</b>
<b>Bank Street</b>			
1050	Various RFOs Automotive service centre/garage	1933-1970 1970s	Yes
1050/1052	Automotive repair garage	1954-1961	Yes
1060	Various RFOs Automotive body shop	1947-1970 1970s	Yes
1050	Torino's Pizza & Subs	1980s	No
1052	Sunnyside Travel Agency	1980s	No
1054	Video Palace	1980s	No
1060	Wizards Eatery & Pub	1980s	No
1050	Siam Kitchen	1992-2011	No
1054-1056	Various retailers (Boomerang Kids, Focus Scientific Chiang Computers)	1992-2011	No
1060	Zugg Restaurant	1992	No
1060	Barley Mows	2000-2011	No

The on-site PCAs from the early 1930s to late 1970s represent APECs on the Phase I Property.

Neighbouring properties in the Phase I Study Area were listed primarily commercial along Bank Street and residential on the adjacent streets off Bank Street. Based on the city directories review, several off-site PCAs were identified within the Phase I Study Area, which included several retail fuel outlets, automotive service garages, and drycleaners, as presented in Table 2.

<b>TABLE 2: Potentially Contaminating Activities City Directories Review Summary</b>			
<b>Address</b>	<b>Listed Activity</b>	<b>Years Listed</b>	<b>Approximate Distance / Orientation from Site</b>
<b>Bank Street</b>			
1063	Automotive service garage RFO	1947-2011 1947-2000	33m East
1069	Stars drycleaners Zippy print	1940s 1990s	30m Southeast
1072	Parkers drycleaners	1927-1937	30m South
1080	Various RFOs	1961-2011	40m South
1103	Spic and span dry cleaners	1961-1970	117m South
1107	Associates drycleaners	1940s	130m South
1136	Parkers drycleaners	1947-1961	200m South
1144	Paint store	1940s	210m South
1150	Auto supply and parts	1961-2000	242m South

As per the above Table 3, the off-site PCAs identified within 30m of the Phase I Property are considered to represent APECs on the Phase I Property, while the remaining off-site PCAs are not considered to represent areas of potential environmental concern (APECs), based on their separation distances, orientations with respect to the Phase I Property.

The aforementioned PCAs that do not result in APECs are depicted in green and those representing APECs are depicted in red on Drawing PE4783-2 - Surrounding Land Use Plan.

**Chain of Title**

The Chains of Title for the Phase I Property addressed 1050 and 1060 Bank Street were provided by Read Abstracts Ltd. and were reviewed as part of this assessment.

1050 Bank Street (Lots 3, 4 and 5, Plan 101126)

According to the chain of title, the property deeds for the northern portion (Lots 4 and 5, Plan 101126) of 1050 Bank Street was first registered in 1896 by a private individual, followed by property transfers to various private individuals until 1928, when the property was acquired by Imperial Oil Limited.

The southern portion of 1050 Bank Street (Lot 3, Plan 101126) was registered by a private individual in 1911, followed by a land transfer to the Corporation of Ottawa in 1945. In 1947 the property was acquired by various private individuals until 1954, when the property deed was transferred to Blaney Sproule, of Blaney's ESSO Service Station and Blaney's Garage and General Repairs as listed in the city directories. In 1964, Imperial Oil Limited acquired the southern portion of 1050 Bank Street. At this time, Imperial Oil Limited owned both property deeds for 1050 Bank Street (Lots 3, 4 and 5, Plan 101126) until 1985. From 1985 to 2018, 1050 Bank Street was owned by an Ontario registered business, followed by the acquisition of the property by the current property owner, 2641723 Ontario Inc., in 2018.

#### 1060 Bank Street (Lots 1 and 2 Plan 101126 and Lot A of Plan 116274)

The southern portion of 1060 Bank Street (Lot A, 116274) was registered in 1923 under a private individual and transferred to Canadian Oil Companies in 1928.

The northern portion of 1060 Bank Street (Lots 1 and 2 Plan 101126) was first registered circa 1872 by private individuals, followed by a property transfer to several other private individuals until Canadian Oil Companies Limited acquired the land in 1947. At this time, Canadian Oil Companies Limited owned both property deeds for 1060 Bank Street (Lots 1 and 2 Plan 101126 and Lot A of Plan 116274) until 1956. In 1956, Sun Life Assurance Company of Canada acquired the land, followed by a title transferred to Shell Canada Limited in 1975. From 1975 to 1996, the property had been transferred to various corporations and/or Ontario registered business. In 1996, 1172437 Ontario Inc. acquired the property and remains the current owner of 1060 Bank Street.

Land use history according to the Chain of Title, including other historical information is summarized in Tables 3 and 4. A copy of the chains of title are included in Appendix 1.

#### **Plan of Survey**

A draft survey plan prepared by Farley, Smith & Denis Surveying Ltd. was reviewed as a part of this assessment. The plan depicts the Phase I Property, in its current configuration. A copy of the survey plan is provided in Appendix 1.

## Previous Engineering Reports

Paterson reviewed the following reports prior to conducting the Phase II ESA:

- ☐ Shallow Soils Investigation, 1050 Bank Street, Ottawa, Ontario, prepared by Franz Environmental Inc., dated October 2013.

Three (3) boreholes were advanced across the Phase I Property to address potential soil impacts associated with the past use of the site as a retail fuel outlet. Boreholes were advanced to a maximum depth of 6.0m below grade. No visual or olfactory evidence of potential petroleum hydrocarbon impacts were identified.

One soil sample from each borehole was submitted to Maxxam Analytics for benzene, ethylbenzene, toluene and xylenes (BTEX) and petroleum hydrocarbons (PHCs, F<sub>1</sub>-F<sub>4</sub>) analysis. No BTEX or PHC concentrations were identified above the laboratory method detection limits; the results were in compliance with the MOECC (now the MECP) Table 3 Standards.

No further soil investigation was recommended. It should be noted that the previous investigation did not include groundwater testing on the subject site.

- ☐ Phase II Environmental Site Assessment, 1050 Bank Street, Ottawa Ontario, prepared by Paterson Group Inc., dated June 25, 2018.

Three (3) boreholes were placed across the subject site to address potential soil and groundwater impacts associated for the former use of the site. Five (5) soil samples were obtained and submitted for BTEX, PHCs and metals analysis. All soil results complied with the selected MECP Table 3 Residential Standards. Three (3) groundwater samples were recovered and analyzed for PHC and volatile organic compounds (VOC) parameters. The groundwater results complied with the selected MECP standards. No further soil investigation was recommended.

## 4.2 Environmental Source Information

### Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on October 24, 2019. No areas of natural significance were identified on the Phase I Property or within 30m of the Phase I Property.

The search however, identified Browns Inlet, located approximately 180m northwest of the Phase I Property, as a provincially significant wetland.

### **PCB Inventory**

A search of national PCB waste storage sites was conducted on October 24, 2019. No PCB waste storage sites are located within the Phase I Study Area

### **Environment Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on October 24, 2019. Based on the search results, the Phase I Property and other properties within the 250m study area are not listed in the NPRI.

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

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should it contain any pertinent information.

### **MECP Incident Reports**

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should it contain any pertinent information.

### **MECP Submissions**

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the property. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should it contain any pertinent information.

### **MECP Coal Gasification Plant Inventory**

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed. No municipal coal gasification plant sites are located within the Phase I Study Area.

### **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. A copy of the response will be forwarded to the client should it contain any pertinent information.

### **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. One RSC was filed for a property approximately 40 m south of the subject site at 1080 Bank Street and 297-305 Sunnyside Avenue in 2009. Based on the information provided in the ESR in combination with the separation distance relative to the Phase I Property, the RSC Property is not considered to represent an APEC on 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. The MECP document identify one closed waste disposal site/landfill (site number 1107) also referred to Ur-27 located at Lansdowne Park, approximately 170 m north of the Phase I Property. Based on the separation distance with respect to the Phase I Property, this former landfill site does not represent an APEC on the Phase I Property.

### **Technical Standards and Safety Authority (TSSA)**

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on October 24, 2019, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA identified several expired permits for underground storage tanks (USTs) located at 1063 Bank Street (property to the adjacent east), and at 1080 Bank Street, approximately 40 m south of the Phase I Property.

As previously discussed, an RSC was filed for 1080 Bank Street and thus, not considered to represent an APEC on the Phase I Property. The expired tank records at 1063 Bank Street are associated with the former retail fuel outlet. As identified in the previous section (Section 4.1) of this report, the historical presence of the retail fuel outlet at 1063 Bank Street considered an APEC on the Phase I Property. A copy of the TSSA correspondence is included in Appendix 2.

### **City of Ottawa Landfill Document**

The document entitled “Old Landfill Management Strategy, Phase I-Identification of Sites, City of Ottawa”, was reviewed. A former disposal site (Ur-27) was previously identified within the study area at Lansdown Park. According to the City of Ottawa’s document, the former landfill site was in operation pre-1948. As previously discussed, due to the separation distance the former landfill is not considered to represent an APEC on the Phase I Property.

### **City of Ottawa Historical Land Use Inventory (HLUI)**

A search of the City of Ottawa’s Historical Land Use Inventory (HLUI) database was conducted as part of this assessment.

The HLUI search results did not identify any activities associated with the Phase I Property, however, there were thirty-two (32) activities associated with properties within the Phase I Study Area. Based on the review of these activities, no new PCAs in addition to those already discussed in Section 4.1 and presented in Table 2. A copy of the HLUI search response is provided in Appendix 2.

## **4.3 Physical Setting Sources**

### **Aerial Photographs**

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. Based on the review, the following observations have been made:

1928      The northern portion of the Phase I Property appears to be occupied by the original portion of the present-day commercial building. The southern portion of the Phase I Property appears to be vacant and possibly in the early stages of land development. Neighbouring lands to the north, south, east and west appear to be occupied by residential and commercial buildings.

- 1958      The Phase I Property appears to have been developed with by two (2) additional buildings, on the central portion and an existing building on the southern portion. Properties to the east of Bank Street have been developed for commercial purposes. A retail fuel outlet can be seen on the adjacent property to the east across Bank Street. Neighbouring lands along Bank Street appear to be occupied by commercial buildings and residential buildings on the adjacent streets. A retail fuel outlet can be seen two properties south of the Phase I Property. Lands to the west remain unchanged from the previous photograph.
- 1965      One of the former on-site buildings, specifically the middle building appears to have been demolished and replaced by expanding the south end of the original building of 1050 Bank Street. A pump island can be seen on the northeast portion of the Phase I Property. Otherwise, no apparent changes to the Phase I Property. Neighbouring properties within the Phase I Study Area appear unchanged from the previous photograph.
- 1975      No significant changes are apparent on the Phase I Property or on the lands within the Phase I Study Area.
- 1984      The northern building on-site appears to have been enlarged/upgraded again. The Phase I Property no longer appears to be occupied by retail fuel outlets; however, the buildings appear to remain for commercial purposes. No other changes are apparent on the Phase I Property or lands within the Phase I Study Area.
- 1991      The Phase I Property and neighbouring lands within the Phase I Study Area appear remains unchanged from the previous photograph.
- 2002      No significant changes are apparent on the Phase I Property. The retail fuel outlet two (2) properties south of the Phase I Property is no longer present at this time. The remaining lands appear unchanged from the previous photograph.

2017      The Phase I Property remains unchanged from the previous photograph and appears as it currently exists. The retail fuel outlet occupying the adjacent property to the east across Bank Street is no longer present at this time. No other significant changes are apparent on the neighbouring properties.

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

### **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 generally slopes down in a south/southeasterly direction towards the Rideau River. Based on the topographic maps, the closest natural body of water to the Phase I Property is the Rideau River, the closest point of which is located approximately 650m southeast of the Phase I Property. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

### **Physiographic Maps**

The Ontario Geological Survey publication ‘The Physiography of Southern Ontario, Third Edition’ was reviewed as a part of this assessment. According to the publication and attached mapping, the Phase I Property is situated within the Ottawa Valley Clay Plains physiographic region, described as “clay plains interrupted by ridges of rock or sand”. Mapping shows the subject land is situated in an area of limestone and till plains.

### **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Bedrock in the area of the Phase I Property is reported to consist of interbedded limestone and shale of the Verulam Formation. According to the geological survey map in the area of the Phase I Property, overburden on the Phase I Property consists of offshore marine sediments of erosional terraces with a drift thickness ranging from 1 to 5 m. However, based the previous subsurface investigation conducted by Paterson at 1050 Bank Street in 2018, boreholes were terminated in native sand at depths ranging from approximately 13.7 to 14.6m below grade; bedrock was not encountered. It is expected that the regional geological mapping extrapolated less overburden in the immediate area based on regional geological data.

## **Natural Water Bodies and Areas of Natural Significance**

No areas of natural significance were identified on the Phase I Property or within 30m of the Phase I Property. Browns Inlet is provincially significant wetland, located approximately 180m northwest of the Phase I Property.

## **Water Well Records**

The MECP online interactive well record mapping system was accessed on October 25, 2019, to conduct a search for all drilled wells within 250 m of the Phase I Property. The search returned a total of thirty-seven (37) records: one potable well, thirty-two (32) monitoring wells, and four (4) decommissioned wells. No well records were identified for the Phase I Property.

One domestic well record, dated 1950, was identified for the adjacent property to the west, addressed 20 Euclid Avenue. According to the record, the stratigraphy was identified as silty sand extending to 25.2m below ground surface (mbgs), underlain by limestone bedrock. The well depth was recorded as approximately 8 mbgs with clear groundwater identified at 75.5 mgbs. It is expected that this well is no longer in use as the property is currently provided with municipal services.

Eighteen (18) monitoring wells and four (4) well abandonments from 2010 were identified for the Lansdowne Park development (925 to 1015 Bank Street), approximately 171 m northeast of the Phase I Property, across the Rideau Canal. Based on the separation distance, these properties are not considered to have impacted to the Phase I Property.

Seven (7) monitoring wells from 2017 were identified on the adjacent property to the east across Bank Street (1047 Bank Street and 780 Echo Drive).

The remaining six (6) monitoring well records were identified on properties more than 50 m of the Phase I Property, and therefore, are not considered pose a risk to the Phase I Property based on separation distance. Copies of the well records are provided in Appendix 2.

## **5.0 INTERVIEWS**

Mr. Domenic Santaguida, the current property owner was interviewed at the time of the site visits on October 31, 2019 and on November 15, 2019. According to Mr. Santaguida, the subject buildings were originally built and occupied by the retail fuel outlet (RFOs) sometime around 1940s. Both subject buildings are currently heated by natural gas-fired furnaces.

It is not known how and when the ordinal buildings were heated when they were first constructed. According to Mr. Santaguida, the current tenants of 1050 and 1060 Bank Street have occupied the commercial spaces since circa 1998/2000.

Mr. Santaguida was unaware of any potential environmental concerns regarding the Phase I Property and surrounding properties.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

An initial site visit was conducted by Ms. Mandy Witteman, from the Environmental Department of Paterson Group, on October 31, 2019. As access was not available to the entirety of the building interiors at this time, a follow-up visit was conducted on November 15, 2019. Weather conditions were overcast during both site visits, with temperatures of approximately 10°C and -8°C. At the time of the site visits, neighbouring land use within the Phase I Study Area was also observed, from publicly accessible areas.

### **6.2 Specific Observations at Phase I Property**

#### **Buildings and Structures**

##### **1050 Bank Street**

The original portion of the one-storey building addressed 1050 Bank Street, was constructed circa 1928, with a concrete foundation and is currently occupied by Siam Kitchen restaurant. A basement level is present beneath this portion of the building. Two (2) one-storey slab-on-grade additions were made to the southern portion of the original building circa 1965 and 1980. The additions are currently occupied by Boomerang Kids consignment store. The building is of concrete construction with stone and wood decorative finishes on the eastern façade, and flat tar-and-gravel style roof.

##### **1060 Bank Street**

The building addressed 1060 Bank Street was constructed circa 1947 with a poured concrete foundation and is finished on the exterior with red brick and a flat, tar-and-gravel style roof.

The one-storey building has a basement level and is occupied by the Barley Mow restaurant. A wood patio structure is present adjacent to the east face of the building.

Both subject buildings are heated with natural gas-fired equipment. No other buildings or structures are present on the Phase I Property.

### **Subsurface Structures and Utilities**

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, municipal water and sewer services. The services enter the Phase I Property from Bank Street and Alymer Avenue. Approximate locations of underground utilities are shown on the Drawing PE4783-1 – Site Plan.

Other than service utilities, no subsurface structures were observed on the Phase I Property at the time of the site visit.

### **Site Features**

The subject buildings occupy the western portion of the Phase I Property. The remainder of the subject land is primarily occupied by a paved parking lot, with some landscaped areas along the northern and southern property boundaries. The small lot to the west of the subject buildings, separated by a 3.3m wide granular access lane (easement), is covered with vegetation and used as storage space. A planter and storage trailer were present east of the south end of 1050 Bank Street, while two (2) storage trailers and containers for domestic waste and recycling were stored between the subject buildings and on the small parcel of land to the west of the adjacent easement.

Site drainage occurs through sheet flow to catch basins located on the Phase I Property and surrounding roadways, with some infiltration on the western parcel of land. No ponded water or signs of surficial staining were noted at the time of the initial site visit. It should be noted that the site was snow covered during the subsequent site visit.

Three (3) monitoring wells were identified at 1050 Bank Street at the time of the October 31, 2019 site visit. The wells were previously installed by Paterson during a Phase II ESA conducted in 2018 for due diligence purposes.

The Phase I Property is relatively flat and slopes slightly down to the east and to the south. The regional topography slopes downwards in a southerly direction towards the Rideau River.

Site features are presented on Drawing PE4783-1 – Site Plan, provided in the Figures section following the text.

### **Fill Material**

No evidence of fill material was noted at the time of the site visit. Some sand and gravel fill material was noted during the previous Phase II ESA at 1050 Bank Street, within the former tank nest. The fill material was analysed and determined to be in compliance with the MECP Table 3 standards applicable to the site. Fill material was also identified at 1060 Bank Street, during the concurrent subsurface investigation. The fill material consisted of silty sand and gravel and was considered to be associated with the pavement structure or the backfill of the former tank nest and pump island. No deleterious materials or evidence of contamination were noted with respect to the fill material.

### **Interior Assessment**

A general description of the interior of 1050 Bank Street is as follows:

- Floor finishes consist of carpet, ceramic tiles and poured concrete;
- Wall finishes consist of wood panels, decorative plaster, gypsum board and concrete or concrete blocks;
- Ceilings are finished with plaster and concrete;
- Lighting is provided by incandescent and fluorescent fixtures.

A general description of the interior of 1060 Bank Street is as follows:

- Floor finishes consist of laminate, ceramic tiles and poured concrete;
- Wall finishes consist of wood panels, decorative plaster, gypsum board and concrete or concrete blocks;
- Ceilings are finished with plaster and concrete;
- Lighting is provided by incandescent and fluorescent fixtures.

Based on the age of the subject buildings, potential asbestos containing materials (ACMs) include decorative and hard plaster, ceiling stipple and drywall joint compound. Lead-based paints (LBPs) may also be present within the buildings on original or older painted surfaces, beneath more recent paints.

Potential ACMs and LBPs were in good condition at the time of the site visit.

## **Fuel and Chemical Storage**

As previously noted, the subject buildings are heated with natural gas-fired equipment. No fuels or chemicals were observed on the interior or exterior of the Phase I Property at the time of the site assessment, with the exception of common household cleaning products that were properly stored within the subject buildings. No signs of leaks or staining were observed on the interior or exterior of the Phase I Property.

## **Wastewater Discharge**

Wastewater discharged from the Phase I Property includes wash water and sewage. Several floor drains were observed on the interior of the subject structures. All drains appeared to be dry and clean of any debris at the time of the site visit. No concerns were noted with regards to wastewater discharge at the Phase I Property.

## **Waste Management**

Non-hazardous food waste and recycling is stored in bins on the north side of the subject buildings and collected by a licensed contractor on a regular basis.

Grease traps are present within the Siam Kitchen and Barley Mow; all food grease is collected by a contractor licenced for these works on an as-needed basis.

## **Neighbouring Properties**

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

- North - Alymer Avenue, followed by institutional (Southminster United Church);
- South - Euclid Avenue, followed by commercial (Quinn's Pub, retail and the Mayfair Theatre);
- East - Bank Street, followed by the Ottawa Public Library and a commercial parking lot (former automotive service garage at 1063 Bank Street);
- West - Gravel access lane (easement) and/or residential dwellings.

No concerns were identified with the current use of the immediately adjacent lands.

Remaining land use within the Phase I Study Area is primarily residential with commercial land use along Bank Street, and parkland along the Rideau Canal. A previously noted automotive service garage building remains present at 1063 Bank Street although it is no longer operational; this property is currently operated as a commercial parking lot. No existing off-site PCAs were identified at the time of the site visit. Surrounding land use within the Phase I Study Area is presented on Drawing PE4783-2 – Surrounding Land Use Plan.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Land Use History

The following tables outline the current and past uses of the Phase I Property.

<b>TABLE 3: Current and Past Use of 1050 Bank Street (Lots 3, 4, 5 and 6, Plan 101126)</b>				
<b>Year</b>	<b>Property Owner</b>	<b>Description of Property</b>	<b>Property Use</b>	<b>Other Observations from FIPs, Aerial Photographs, Directories, etc.</b>
<b>Lots 4, 5, and 6, Plan 101126</b>				
Prior to 1896	Unknown	Unknown	Commercial	No available observations.
1896-1928	Various private individuals	Unknown	Commercial	1928 aerial photograph shows the property is (possibly) developed at this time.
1928-1985	Imperial Oil Limited	Retail fuel outlet (Imperial Oil Service Station)	Commercial	1050 Bank Street first listed in the city directories as Imperial Oil Service Station in 1933. The 1956 FIPs identified a retail fuel outlet and possible automotive service garage on this portion of the Phase I Property. Apparent retail fuel outlet noted in 1958 and 1965 aerial photographs, on this portion of the Phase I Property.
<b>Lot 3, Plan 101126</b>				
Prior to 1911	Unknown	Unknown	Commercial	No other observations available for this time period.
1911-1954	City of Ottawa, followed by various private individuals	Unknown	Vacant until 1928	1928 aerial photograph shows that site is occupied.
1954-1964	Blaney Sproule	Retail fuel outlet and automotive repair garage	Commercial	City directories listed the retail fuel outlet and a service garage in 1961, Blaney's service station and garage and general repairs, which correlates with the property owner listed in the chain of title. 1956 FIP depicts a retail fuel outlet on-site with 2 USTs.
1964-1985	Imperial Oil Limited	Retail fuel outlet until 1976 followed by office and retail	Commercial	City directories lists the retail fuel outlet operating at 1050 Bank Street until 1981/1982, in which the city directories list two commercial businesses that are not affiliated with a gas station.
<b>Lots 3, 4, 5, and 6, Plan 101126</b>				
1985-2018	614762 Ontario Inc.	Commercial (retail and restaurants)	Commercial	City directories listed several businesses (restaurant and retail) until 2011.
2018-present	2641723 Ontario Inc.	Restaurant and retail store	Commercial	Based on site visit.

<b>TABLE 4: Current and Past Use of 1060 Bank Street (Lot A, Plan 116274 and Lots 1 and 2, Plan 101126)</b>				
<b>Year</b>	<b>Property Owner</b>	<b>Description of Property</b>	<b>Property Use</b>	<b>Other Observations from FIPs, Aerial Photographs, Directories, etc.</b>
<b>Lots 1 and/or 2, Plan 101126</b>				
Prior to 1873	Unknown	Unknown	Commercial	No other available observations for this time period.
1873-1949	Various private individuals	Unknown and vacant until 1947	Commercial	1928 aerial photograph shows the property as vacant at this time. The property was first listed in the city directories in 1947 as a retail fuel outlet and automotive body shop. The chain of title lists Canadian Oil Companies Ltd. as the owner at this time, which correlates with the listed activity in the directories.
1949-1956	Canadian Oil Companies Limited	Retail fuel outlet	Commercial	City directories listed Trudel Ernest service station in 1954. The 1956 FIPs depicts a retail fuel outlet. The property owner remains the same as previous listing.
<b>Lot A, Plan 116274</b>				
Prior to 1912	Unknown	Unknown	Commercial	No other available observations for this time period.
1912-1939	Various private individuals	Unknown and vacant	Commercial	1928 aerial photograph shows the property as vacant at this time. The chain of title lists Canadian Oil Companies Ltd., as the owner at this time.
1939-1956	Canadian Oil Companies Limited	Retail fuel outlet	Commercial	City directories listed Trudel Ernest service station in 1954. The 1956 FIPs depicts a retail fuel outlet. The 1956 aerial photograph shows pumps island on the northeast corner of the property.
<b>Lot A, Plan 116272 and Lots 1 and 2, Plan 101126</b>				
1956-1975	Sun life Assurance Company of Canada	Retail fuel outlet automotive service garage/body shop	Commercial	The pump island associated with a retail fuel outlet can be seen in the 1958 and 1965 aerial photographs. City directories list a retail fuel outlet, auto body shop and repair garage from 1947 to 1970.
1975-1996	Various individuals and Ontario registered corporations	Commercial (restaurant)	Commercial	City directories listed three (3) different restaurants from 1981/1982 to 2011. Based on the 1984 and 1991 aerial photographs this portion of the Phase I Property the pump island and tank nest, associated with the former retail fuel outlet, appear to have been removed.
1996-present	1172437 Ontario Inc.	Commercial (restaurant)	Commercial	Based on aerial photographs, city directories, site visit and personal interviews.

**Potentially Contaminating Activities and Areas of Potential Environmental Concern**

<b>TABLE 5: Areas of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern</b>	<b>Potentially Contaminating Activity</b>	<b>Location of PCA (on-site or off-site)</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b>
APEC 1 (Resulting from former on-site USTs at 1050 Bank Street)	Northeastern portion of the Phase I Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil, Groundwater
APEC 2 (Resulting from former on-site pump island at 1050 Bank Street)	North-central portion of the Phase I Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil, Groundwater
APEC 3 (Resulting from former on-site automotive service garage)	Central portion of the Phase I Property	PCA 52 – Storage, maintenance, fuelling and repairing of equipment, vehicles, and materials used to maintain transportation systems	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> ) VOCs PAHs	Soil, Groundwater
APEC 4 (Resulting from former on-site pump island at 1060 Bank Street)	South-central portion of the Phase I Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil, Groundwater
APEC 5 (Resulting from former on-site USTs)	South-central portion of the Phase I Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil, Groundwater
APEC 6 (Resulting from former on-site automotive body shop)	Southwestern portion of the Phase I Property	PCA 10 – Commercial Autobody Shops	On-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> ) VOCs PAHs	Soil, Groundwater

<b>TABLE 5: Areas of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern</b>	<b>Potentially Contaminating Activity</b>	<b>Location of PCA (on-site or off-site)</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b>
APEC 7 (Resulting from fill material)	Across the majority of the Phase I Property	PCA 30 - Importation of Fill Material of Unknown Quality	On-site	Metals (including As, Sb, Se) Hg CrVI	Soil
APEC 8 (Resulting from former retail fuel outlet and existing service garage at 1063 Bank Street)	Eastern portion of the Phase I Property	PCA 52 – Storage, maintenance, fuelling and repairing of equipment, vehicles, and materials used to maintain transportation systems	Off-site	BTEX PHCs (F <sub>1</sub> -F <sub>4</sub> ) VOCs PAHs	Groundwater
		PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks			
APEC 9 (Resulting from former off-site dry cleaner at 1069 Bank Street)	Southeastern portion of the Phase I Property	PCA 37 – Operation of Dry-Cleaning Equipment (where chemicals are used)	Off-site	VOCs	Groundwater
APEC 10 (Resulting from former off-site dry cleaner at 1072 Bank Street)	Southeastern portion of the Phase I Property	PCA 37 – Operation of Dry-Cleaning Equipment (where chemicals are used)	Off-site	VOCs	Groundwater

The aforementioned APECs are outlined on Drawing PE4783-1 – Site Plan. Off-site PCAs considered to result in APECs on the Phase I Property are shown in red on Drawing PE4720-2 – Surrounding Land Use Plan, while off-site PCAs not considered to result in APECs, based on their separation distances and/or

## **Contaminants of Potential Concern**

As noted in Table 5, contaminants of potential concern (CPCs) present in the soil and/or groundwater on or beneath the Phase I Property include the following:

- Benzene, ethylbenzene, toluene and xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>);
- Volatile organic compounds (VOCs);
- Polycyclic aromatic hydrocarbons (PAHs);
- Metals;
- Hydride-forming compounds (As, Sb, Se);
- Mercury (Hg); and
- Hexavalent Chromium (CrVI).

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

Based on the 2017 subsurface program, site soils generally consisted of a pavement structure over fill material, underlain by native sand. Bedrock was not encountered during the subsurface program; according to the Geological Survey of Canada website, the bedrock in the area of the Phase I Property is reported to consist of interbedded limestone and shale of the Verulam Formation and is present at depths ranging from approximately 1 to 5 mbgs. As previously discussed, our previous subsurface investigation at 1050 Bank Street, three (3) deep wells were drilled more than 14 m below ground surface (mbgs), which never encountered bedrock.

During the previous subsurface investigation, groundwater was encountered within the overburden at approximately 11.7m bgs. Based on groundwater contour mapping completed at the time, the groundwater flow beneath the Phase I Property was in a northwesterly direction. Regional groundwater flow is inferred to be to the north, towards the Ottawa River.

### **Water Bodies and Areas of Natural Significance**

No natural water bodies or areas of natural significance are known to exist on or within 30m of the Phase I Property. Browns Inlet, located approximately 180m northwest of the Phase I Property, is identified as a provincially significant wetland.

## **Potable Water Well Records**

No potable well records were identified for the Phase I Property. However, the MECP online interactive well record mapping system identified one domestic well record, dated 1950 on a property to the west of the subject land, at 20 Euclid Avenue. It is expected that this well has not been used since the area was provided with municipally services.

## **Monitoring Well Records**

According to the MECP online interactive well record mapping system, there were no monitoring wells identified on the Phase I Property. However, during the site visit, three (3) monitoring wells drilled during the subsurface investigation in 2017 were identified on the northern portion of the Phase I Property (1050 Bank Street).

## **Existing Buildings and Structures**

### **1050 Bank Street**

The original portion of the one-storey building addressed 1050 Bank Street, was constructed circa 1928, with a concrete foundation and is currently occupied by Siam Kitchen restaurant. A basement level is present beneath this portion of the building. Two (2) one-storey slab-on-grade additions were made to the southern portion of the original building circa 1965 and 1980. The additions are currently occupied by Boomerang Kids consignment store. The building is of concrete construction with stone and wood decorative finishes on the eastern façade, and flat tar-and-gravel style roof.

### **1060 Bank Street**

The building addressed 1060 Bank Street was constructed circa 1947 with a poured concrete foundation and is finished on the exterior with red brick and a flat, tar-and-gravel style roof.

The one-storey building has a basement level and is occupied by the Barley Mow restaurant. A wood patio structure is present adjacent to the east face of the building.

Both subject buildings are heated with natural gas-fired equipment. No other buildings or structures are present on the Phase I Property.

## **Subsurface Structures and Utilities**

The Phase I Property is situated in a municipally serviced area. Underground utility services on the subject land include natural gas, electricity, municipal water and sewer services. The services enter the Phase I Property from Bank Street and Aylmer Avenue. Other than service utilities, no subsurface structures were observed on the Phase I Property at the time of the site visit.

Based on standard practice for subsurface utility installation, service trenches are expected to be present approximately 1 to 2 m below existing grade. In general, trench backfill may provide a preferential pathway for contaminant transport if the water table is at or above the base of the trenches. Based on the findings of the 2018 Phase II ESA, the water table was identified at depths of approximately 11.4 to 11.75m below grade. As the water table was identified at a significant depth below standard service trenches, underground services are not considered to have the potential to create preferential pathways for contaminant migration.

## **Fill Material**

No evidence of fill material was noted at the time of the site visit. Some sand and gravel fill material was noted during the previous Phase II ESA at 1050 Bank Street, within the former tank nest. The fill material was analysed and determined to be in compliance with the MECP Table 3 standards applicable to the site. Fill material was also identified at 1060 Bank Street, during the concurrent subsurface investigation. The fill material consisted of silty sand and gravel and was considered to be associated with the pavement structure or the backfill of the former tank nest and pump island. No deleterious materials or evidence of contamination were noted with respect to the fill material.

## **Neighbouring Land Use**

Neighbouring land use within the Phase I Study Area consists primarily of residential and commercial (along Bank Street) with occasional institutional and community land use, as well as parkland along the Rideau Canal and Brown's Inlet.

## **Potentially Contaminating Activities and Areas of Potential Environmental Concern**

As presented in Table 5 in Section 7.1 of this report, seven (7) historical on-site PCAs and four (4) historical off-site PCAs are considered to have resulted in 10 APECs on the Phase I Property.

## **Contaminants of Potential Concern**

As noted in Table 5, the contaminants of potential concern (CPCs) in soil and/or groundwater, and associated with the APECs identified in this Phase I ESA include:

- Benzene, ethylbenzene, toluene and xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>);
- Volatile Organic Compounds (VOCs);
- Polycyclic aromatic hydrocarbons (PAHs);
- Metals;
- Hydride-forming compounds (As, Sb, Se);
- Mercury (Hg); and
- Hexavalent Chromium (CrVI).

## **Assessment of Uncertainty and/or Absence of Information**

The information available for review as part of the preparation of this Phase I-ESA is considered to be sufficient to conclude that there are historical on-site and off-site PCAs have resulted in APECs on the Phase I Property. While several additional historical off-site PCAs were identified during this assessment, they were not considered to represent APECs on the Phase I Property, based on their separation distances and/or orientations relative to the subject land.

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.

## 8.0 CONCLUSIONS

### 8.1 Assessment

Paterson Group was retained by 2641723 Ontario Inc. to conduct a Phase I-Environmental Site Assessment (ESA) for the properties addressed 1050 and 1060 Bank Street, in the City of Ottawa, Ontario. It should be noted that in addition to the lands fronting onto Bank Street, the Phase I Property includes a small parcel of land (also addressed 1060 Bank Street) separated from the larger property by an easement approximately 3m in width. The purpose of this Phase I-ESA was to research the past and current use of the Phase I Property and 250m study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the northern portion of the Phase I Property (1050 Bank Street) was developed as early as 1928 with the original portion of the present-day structure, and was operated as a retail fuel outlet and automotive service garage through the late 1970's. The southern portion of the Phase I Property (1060 Bank Street) was developed circa 1947 with the present-day building structure, and had also operated as a retail fuel outlet and automotive service garage or automotive body shop through the late 1970's. Both 1050 and 1060 Bank Street were subsequently occupied by various retail and restaurant establishments. The small parcel of land, west of the adjacent easement, appears to have never been developed.

The former tank nests and pump islands associated with the historical retail fuel outlets are potentially contaminating activities (PCAs) resulting in areas of potential environmental concern (APECs) on the Phase I Property. The former automotive service garages and/or body shop are also PCAs resulting in APECs on the Phase I Property.

The historical use of the neighbouring properties within the Phase I study area, was a combination of residential, commercial (primarily along Bank Street), community and parkland along the Rideau Canal and Brown's Inlet. A former retail fuel outlet and automotive service garage was located at 1063 Bank Street, approximately 20m east of the Phase I Property, across Bank Street. A former dry cleaner was located at 1069 Bank Street, immediately south of 1063 Bank Street, and approximately 20m southeast of the Phase I Property. A second historical drycleaner was located at 1072 Bank Street, approximately 25m south of the Phase I Property, across Euclid Street.

These off-site PCAs are considered to represent APECs on the Phase I Property.

A second retail fuel outlet was identified at 1080 Bank Street, approximately 40m south of the Phase I Property, across Sunnyside Avenue. In 2009, a Record of Site Condition was filed in the MECP Environmental Site Registry (ESR) for this property. Based on the information contained in the ESR, in combination with the separation distance, this property is not considered to represent an APEC on the Phase I Property. Other off-site PCAs identified as part of the historical review are also not considered to represent APECs on the Phase I Property based on their significant separation distances and/or orientations relative to the subject land.

Following the historical research, a site visit was conducted. The Phase I Property is currently occupied by two (2) commercial buildings. The building addressed 1050 Bank Street houses Siam Kitchen restaurant and Boomerang Kids consignment store, while the building addressed 1060 Bank Street houses the Barely Mow restaurant. The remainder of the property is occupied by paved parking areas and a vacant grassed area west of the adjacent easement. No potential environmental concerns were noted with the current use of the Phase I Property.

Neighbouring land use within the Phase I study area remains a combination of residential, community, with primarily commercial land use along Bank Street, and parkland along the Rideau Canal and Brown's Inlet. The commercial property to the east at 1063 Bank Street, remains occupied by the former automotive service garage building, although it is no longer operational. As previously noted, this property is considered to represent an APEC on the Phase I Property. No other off-site PCAs were identified within the Phase I study area at the time of the site visits.

Based on the results of the assessment, **it is our opinion, that a Phase II Environmental Site Assessment is required for the Phase I Property.**

## 8.2 Recommendations

It is our understanding that the subject structures will be demolished in conjunction with future redevelopment. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act.

## 9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. 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 are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject 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 2641723 Ontario Inc. Permission and notification from 2641723 Ontario Inc. and Paterson will be required to release this report to any other party.

### Paterson Group Inc.



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



Karyn Munch, P.Eng., QP<sub>ESA</sub>



### Report Distribution:

- 2641723 Ontario Inc.
- Paterson Group Inc.

## 10.0 REFERENCES

### **Federal Records**

Air photos at the Energy Mines and Resources Air Photo Library.  
National Archives.  
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).  
Natural Resources Canada – The Atlas of Canada.  
Environment Canada, National Pollutant Release Inventory.  
PCB Waste Storage Site Inventory  
National Energy Board.

### **Provincial Records**

MECP Freedom of Information and Privacy Office.  
MECP Municipal Coal Gasification Plant Site Inventory, 1991.  
MECP document titled “Waste Disposal Site Inventory in Ontario”.  
MECP Brownfields Environmental Site Registry.  
Office of Technical Standards and Safety Authority, Fuels Safety Branch.  
MNR Areas of Natural Significance.  
MECP Water Well Record Inventory.  
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

### **Municipal Records**

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.  
Interra Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.  
geoOttawa: City of Ottawa electronic mapping website.  
City of Ottawa Historical Land Use Inventory (HLUI) Database

### **Local Information Sources**

Personal Interviews.  
Chain of Title

### **Public Information Sources**

Google Earth.  
Google Maps/Street View.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE4783-1 – SITE PLAN**

**DRAWING PE4783-2 – SURROUNDING LAND USE PLAN**

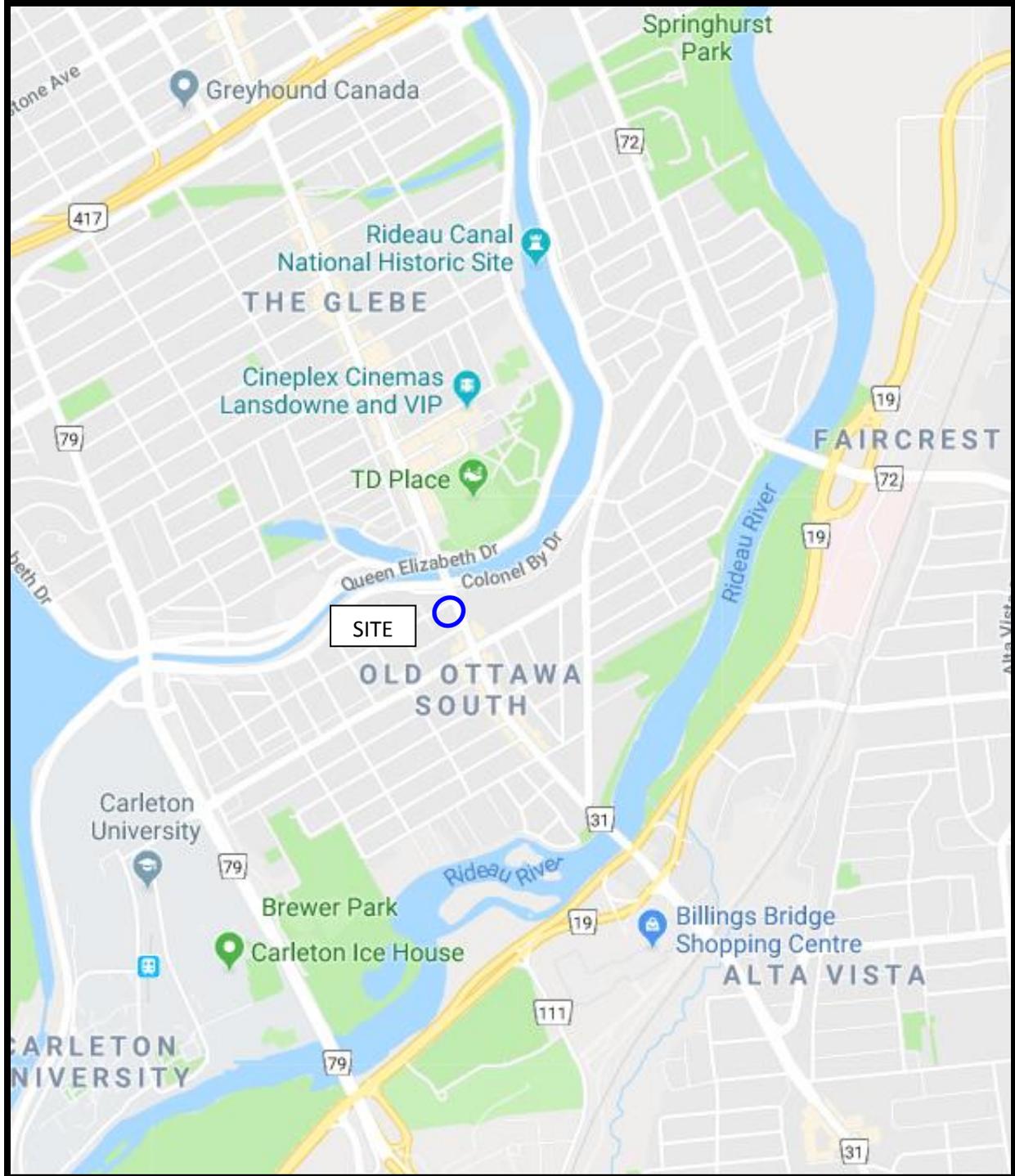


FIGURE 1  
KEY PLAN

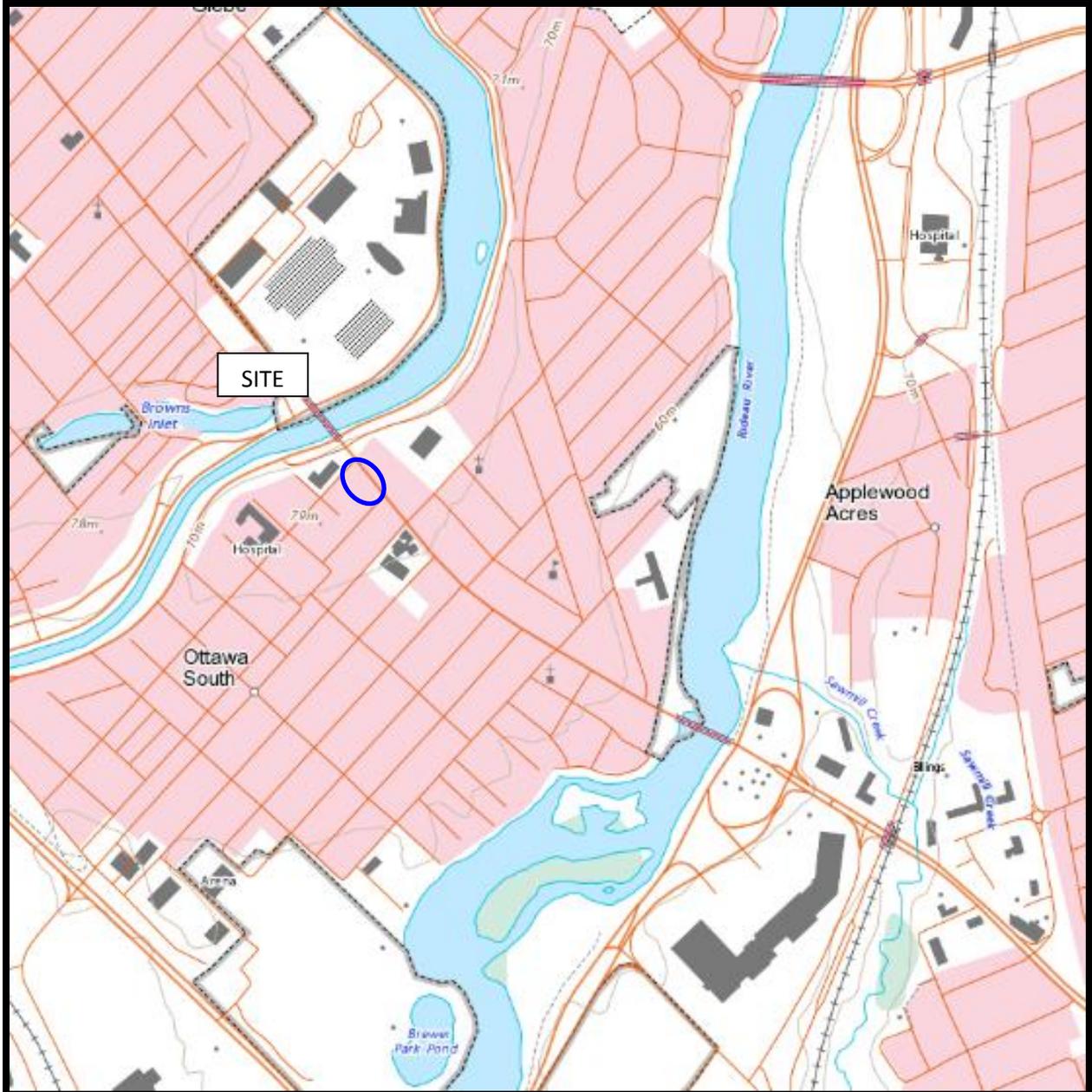
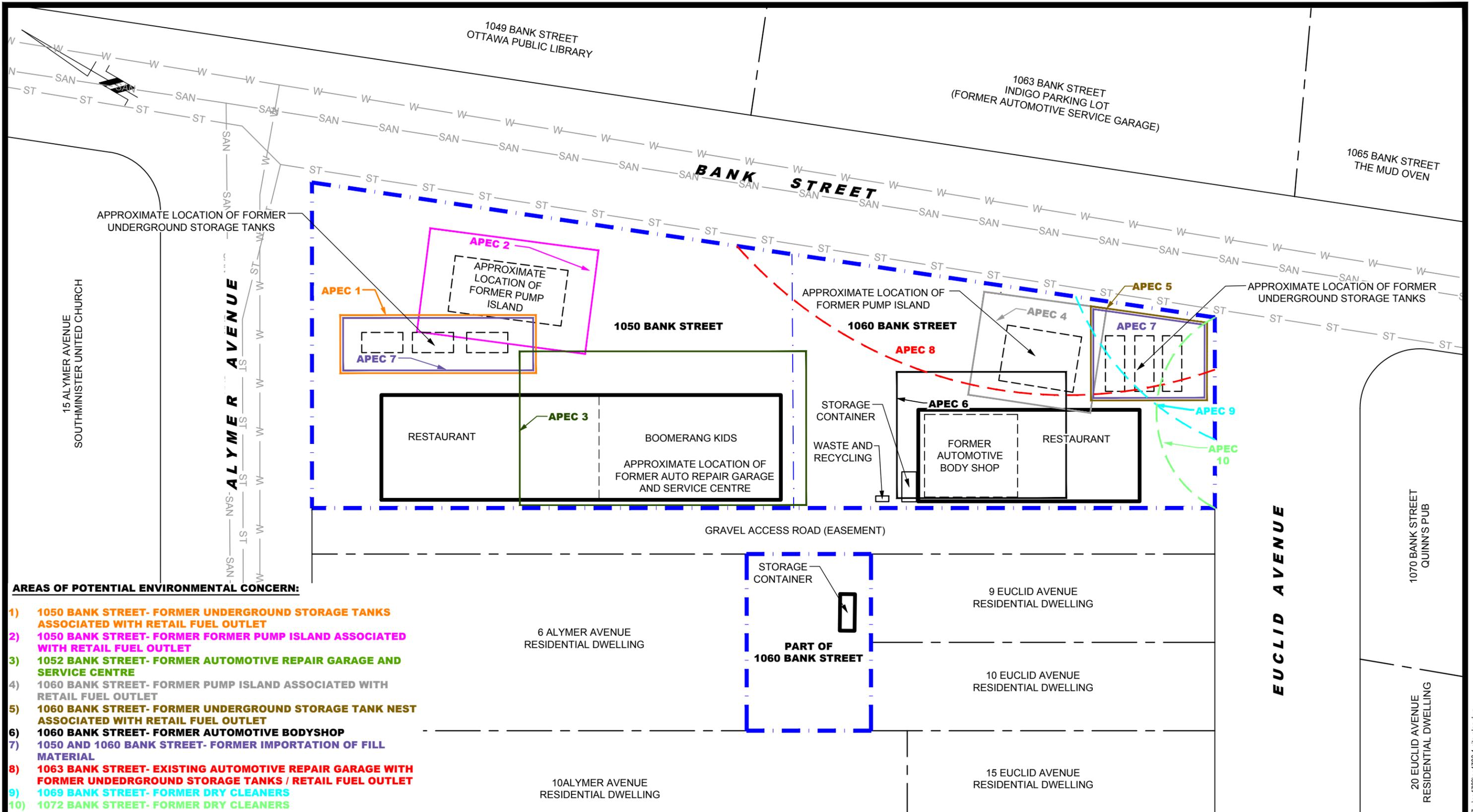


FIGURE 2  
TOPOGRAPHIC MAP



**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**

- 1) 1050 BANK STREET- FORMER UNDERGROUND STORAGE TANKS ASSOCIATED WITH RETAIL FUEL OUTLET
- 2) 1050 BANK STREET- FORMER FORMER PUMP ISLAND ASSOCIATED WITH RETAIL FUEL OUTLET
- 3) 1052 BANK STREET- FORMER AUTOMOTIVE REPAIR GARAGE AND SERVICE CENTRE
- 4) 1060 BANK STREET- FORMER PUMP ISLAND ASSOCIATED WITH RETAIL FUEL OUTLET
- 5) 1060 BANK STREET- FORMER UNDERGROUND STORAGE TANK NEST ASSOCIATED WITH RETAIL FUEL OUTLET
- 6) 1060 BANK STREET- FORMER AUTOMOTIVE BODYSHOP
- 7) 1050 AND 1060 BANK STREET- FORMER IMPORTATION OF FILL MATERIAL
- 8) 1063 BANK STREET- EXISTING AUTOMOTIVE REPAIR GARAGE WITH FORMER UNDEDRGROUND STORAGE TANKS / RETAIL FUEL OUTLET
- 9) 1069 BANK STREET- FORMER DRY CLEANERS
- 10) 1072 BANK STREET- FORMER DRY CLEANERS

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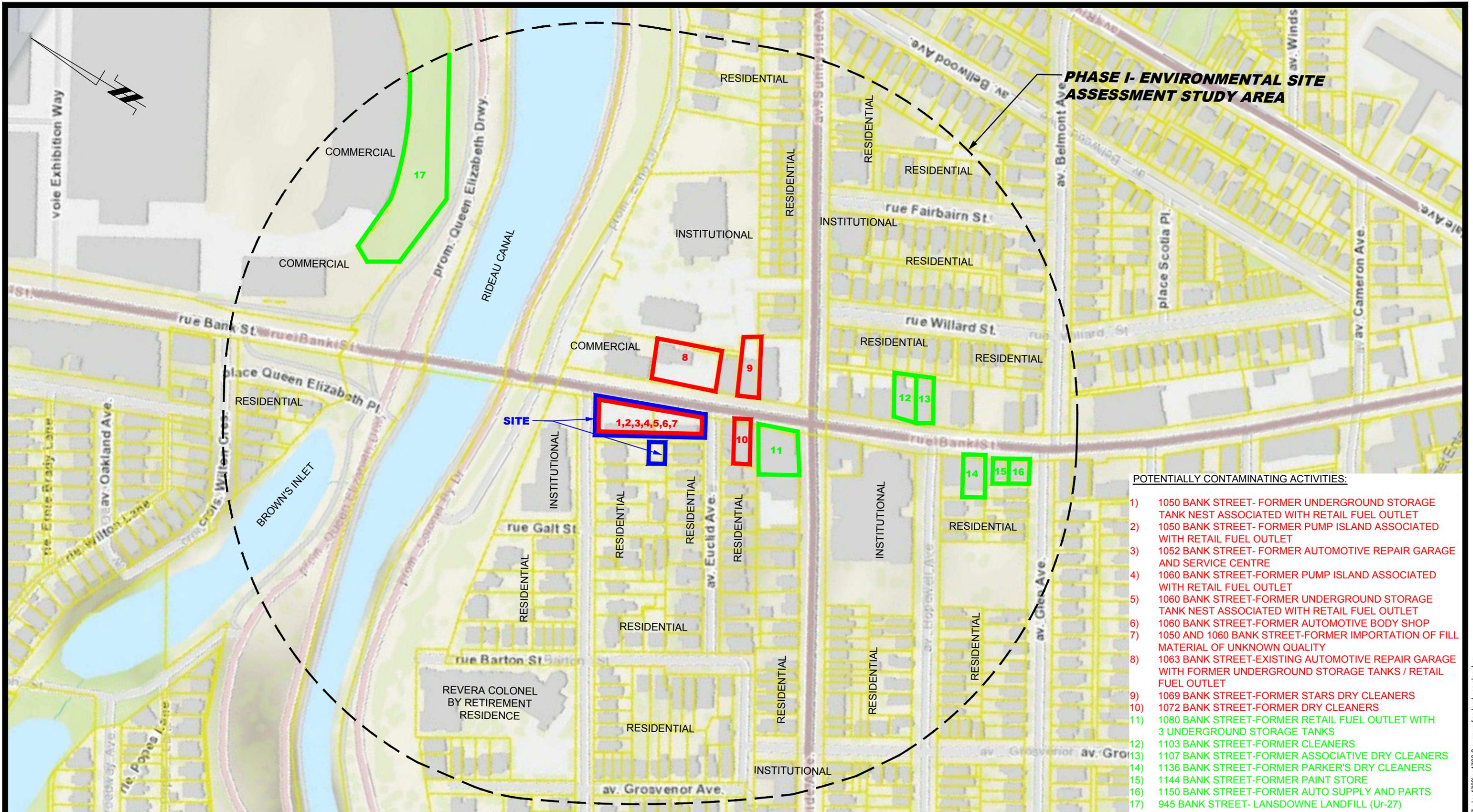
NO.	REVISIONS	DATE	INITIAL

2641723 ONTARIO INC.  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
1050 AND 1060 BANK STREET

**SITE PLAN**

OTTAWA, ONTARIO

Scale:	1:300	Date:	11/2019
Drawn by:	YA	Report No.:	PE4783-1
Checked by:	MW	Dwg. No.:	<b>PE4783-1</b>
Approved by:	MSD	Revision No.:	



- POTENTIALLY CONTAMINATING ACTIVITIES:**
- 1) 1050 BANK STREET- FORMER UNDERGROUND STORAGE TANK NEST ASSOCIATED WITH RETAIL FUEL OUTLET
  - 2) 1050 BANK STREET- FORMER PUMP ISLAND ASSOCIATED WITH RETAIL FUEL OUTLET
  - 3) 1052 BANK STREET- FORMER AUTOMOTIVE REPAIR GARAGE AND SERVICE CENTRE
  - 4) 1060 BANK STREET- FORMER PUMP ISLAND ASSOCIATED WITH RETAIL FUEL OUTLET
  - 5) 1060 BANK STREET- FORMER UNDERGROUND STORAGE TANK NEST ASSOCIATED WITH RETAIL FUEL OUTLET
  - 6) 1060 BANK STREET- FORMER AUTOMOTIVE BODY SHOP
  - 7) 1050 AND 1060 BANK STREET- FORMER IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
  - 8) 1063 BANK STREET- EXISTING AUTOMOTIVE REPAIR GARAGE WITH FORMER UNDERGROUND STORAGE TANKS / RETAIL FUEL OUTLET
  - 9) 1069 BANK STREET- FORMER STARS DRY CLEANERS
  - 10) 1072 BANK STREET- FORMER DRY CLEANERS
  - 11) 1080 BANK STREET- FORMER RETAIL FUEL OUTLET WITH 3 UNDERGROUND STORAGE TANKS
  - 12) 1103 BANK STREET- FORMER CLEANERS
  - 13) 1107 BANK STREET- FORMER ASSOCIATIVE DRY CLEANERS
  - 14) 1136 BANK STREET- FORMER PARKER'S DRY CLEANERS
  - 15) 1144 BANK STREET- FORMER PAINT STORE
  - 16) 1150 BANK STREET- FORMER AUTO SUPPLY AND PARTS
  - 17) 945 BANK STREET- LANSDOWNE LANDFILL (Ur-27)

**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

2641723 ONTARIO INC.  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**1050 AND 1060 BANK STREET**

OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:2500	Date:	11/2019
Drawn by:	YA	Report No.:	PE4783-1
Checked by:	MW	Dwg. No.:	<b>PE4783-2</b>
Approved by:	MSD	Revision No.:	

# **APPENDIX 1**

**CHAIN OF TITLE**

**SURVEY PLAN**

**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**



## READ Abstracts Limited

---

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

PatersonGroup

Attn: Mandy

#### BRIEF DESCRIPTION OF LAND:

1050 and 1060 Bank St.

Lots 3, 4, 5, and 6, Plan 101126;

Lot A, Plan 116274 and Lot 2, plan 101126.

PIN: 04143-0674 (1050 Bank)

04143-0676 (1060 Bank)

LAST REGISTERED OWNER: 2641723 ONTARIO INC. (1050 Bank)

1172437 ONTARIO INC. (1060 Bank)

#### CHAIN OF TITLE:

Plan 36 registered Sep 2, 1872

By John Garland and Alex Mutchmor

Plan 158 registered Jan 22, 1896

By James McLean and George McLean

#### Lot 2, Plan 36, West Bank

Deed NP1512 registered Sep 21, 1872

From John Garland to Gilbert Berry

Deed NP6313 registered Apr 14, 1879

From Gilbert Berry to James Ritchie

Foreclosure NP16425 registered Feb 11, 1894

From M. L. & S. Company to John McNicol

Deed CR101125 registered Dec 21, 1910

From John McNicol to Thomas Clarey

Lot 1, Plan 36, West Bank

Deed NP2261 registered Sep 26, 1873  
From Garland and Mutchmor to William Grier

Deed NP3218 registered Dec 7, 1874  
From William Grier to William Loney

Deed NP4781 registered Sep 28, 1876  
From William Loney to Thomas Keults

Deed NP7335 registered Jun 21, 1881  
From Thomas Keults to Hugh Mason

Deed NP11030 registered May 7, 1886  
From Hugh Mason to James Ritchie

Foreclosure NP16425 registered Feb 11, 1894  
From M. L. & S. Company to John McNicol

Deed CR101125 registered Dec 21, 1910  
From John McNicol to Thomas Clarey

Lot 1 and 2, Plan 158, West Bank

Deed NP18637 registered Aug 7, 1900  
From James McLean to Thomas McNicol

Deed CR101125 registered Dec 21, 1910  
From John McNicol to Thomas Clarey

Lot 1, Plan 158, North Euclide

Deed NP18711 registered Nov 22, 1900  
From George McLean to Thomas McNicol

Deed CR101125 registered Dec 21, 1910  
From John McNicol to Thomas Clarey

**Plan 101126 registered Dec 21, 1910**

By Thomas Clarey

(A subdivision of Lot 1 and 2, Plan 36, West Bank and Lot 1, Plan 158, North Euclide  
and Lot 1 and 2, Plan 158, West Bank)

Lot 1, Plan 101126

Deed 101127 registered Dec 21, 1910  
From Thomas Clarey to William Spratt

Deed CR108616 registered Dec 7, 1911  
From William Spratt to Francis Cluff and George Popham

Lot 2, Plan 101126

Deed CR105018 registered Jun 6, 1911  
From Thomas Clarey to Stanley Metcalfe

Deed CR279156 registered Sep 6, 1949  
From Stanley Metcalfe to William Karam

Deed CR279157 registered Sep 6, 1949  
From William Karam to Canadian Oil Companies Limited

Lot 3, Plan 101126

Deed CR105016 registered Jun 6, 1911  
From Thomas Clarey to Frederick Cluff

Tax Deed CR251845 registered Apr 10, 1945  
To Corporation of Ottawa

Deed CR264216 registered Apr 9, 1947  
From Corporation of Ottawa to Everest and Florence Welch

Deed CR285079 registered Aug 4, 1950  
From Everest and Florence Welch to Arthur Duff

Deed CR307398 registered Jan 15, 1953  
From Arthur Duff to J. Ernest Madden

Deed CR318741 registered Feb 18, 1954  
From J. Ernest Madden to Blaney Sproule

Deed CR475368 registered Apr 10, 1964  
From Blaney Sproule to Imperial Oil Limited

Lot 4, Plan 101126

Deed CR105020 registered Jun 6, 1911  
From Thomas Clarey to Francis Cluff

Deed CR139638 registered Jun 28, 1917  
From estate of Francis Cluff to Frederick Cluff

Deed CR191279 registered Feb 14, 1928  
From Frederick Cluff to Imperial Oil Limited

Lot 5, Plan 101126

Deed CR103341 registered Apr 5, 1911  
From Thoams Clarey to John McLennan

Deed CR191191 registered Feb 6, 1928  
From John McLennan to Imperial Oil Limited

Lot 6, Plan 101126

Deed CR105613 registered Jul 3, 1911  
From Thomas Clarey to George Popham

Deed CR138907 registered Apr 28, 1917  
From George Popham to John Rochester

Deed CR174245 registered May 17, 1924  
From John Rochester to Alexander M Warafe

Deed CR174246 registered May 17, 1924  
From Alexander M Warafe to Walter Dudley

Deed CR174247 registered May 17, 1924  
From Walter Dudley to Ledman Edwards

Deed CR190606 registered Dec 16, 1927  
From Ledman Edwards to John Rochester

Deed CR191189 registered Feb 6, 1928  
From John Rochester to Silvanus Waffle

Deed CR191190 registered Feb 6, 1928  
From Silvanus Waffle to Imperial Oil Limited

**Plan 116274 registered Nov 15, 1912**  
By Francis Cluff and George Popham  
(subdivision of Lot 1, Plan 101126)

Lot A, Plan 116274

Deed170080 registered Jul 18, 1923  
From George Popham to Cluff Realty Ltd.

Deed CR226423 registered Nov 17, 1938  
From Cluff Realty Ltd. To Frederick Cluff

Deed CR227900 registered May 11, 1939  
From Frederick Cluff to Canadian Oil Companies Limited

**Lots 3, 4, 5, and 6, Plan 101126 (PIN 0674, 1050 Bank St.)**

Deed N287439 registered May 17, 1985  
From Imperial Oil Limited to 614762 Ontario Inc.

Deed OC2012950 registered Jul 12, 2018  
From 614762 Ontario Inc. to 2641723 Ontario Inc.

**Lot A, Plan 116274 and Lot 2, Plan 101126 (PIN 0676, 1060 Bank St.)**

Deed CR354486 registered Dec 19, 1956  
From Canadian Oil Companies Limited to Sun life Assurance Company of Canada

Deed CR665736 registered Jan 2, 1975  
From Sun life Assurance Company of Canada to Shell Canada Limited

Deed CR669098 registered Apr 18, 1975  
From Shell Canada Limited to Diego Papalia

Deed NS46370 registered Mar 2, 1979  
From Diego Papalia to 407503 Ontario Limited

Deed N390860 registered Jun 2, 1987  
From 407503 Ontario Limited to Bel-Hel Holdings Inc.

Deed N432744 registered Apr 5, 1988  
From Bel-Hel Holdings Inc. to 614762 Ontario Inc.

Deed N519720 registered Jan 11, 1990  
From 614762 Ontario Inc. to William Bousada

Deed N744310 registered Jul 9, 1996  
From William Bousada to 1172437 Ontario Inc.

TOPOGRAPHIC PLAN OF SURVEY OF

PART OF LOTS 2, 3, 4, 5, 6 AND 7 REGISTERED PLAN 101126 AND PART OF LOT A REGISTERED PLAN 116274 CITY OF OTTAWA

Scale 1: 150

FARLEY, SMITH & DENIS SURVEYING LTD. 2018

Metric Note Distances and coordinates on this plan are in metres and can be converted to feet by dividing by 0.3048.

Distance Note Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99945.

Bearing Note Bearings are grid and are derived from the northerly limit of Euclid Avenue having a bearing of N 58° 54' 20" E as shown on Plan 4R-19507. Bearings are referred to the Central Meridian (76°30' West Longitude) MTM NAD-83 (Original) Zone 9

For bearing comparisons, a rotation of 0°38'40" counter-clockwise was applied to bearings on P1, P2, P3, P6, P7, P8 and P10.

For bearing comparisons, a rotation of 0°48'16" counter-clockwise was applied to bearings on P4.

For bearing comparisons, a rotation of 0°03'00" clockwise was applied to bearings on P9.

Elevation Notes 1. Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1978. 2. Elevations are derived from a site benchmark shown on a plan of survey by (1692) dated May 20th, 2016 having a published elevation of 76.87 metres. (FSD File No. 116-16.) 3. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

Utility Notes 1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation. 2. Only visible surface utilities were located. 3. Underground utility data derived from City of Ottawa utility sheets reference H-12-11, plan no. 2538 sheet 7 of 7, drawing 11617p&pi0 and drawing 11617p&pi6. 4. Sanitary and storm sewer grades and inverts were compiled from field measurement and City of Ottawa utility sheets. 5. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Notes & Legend

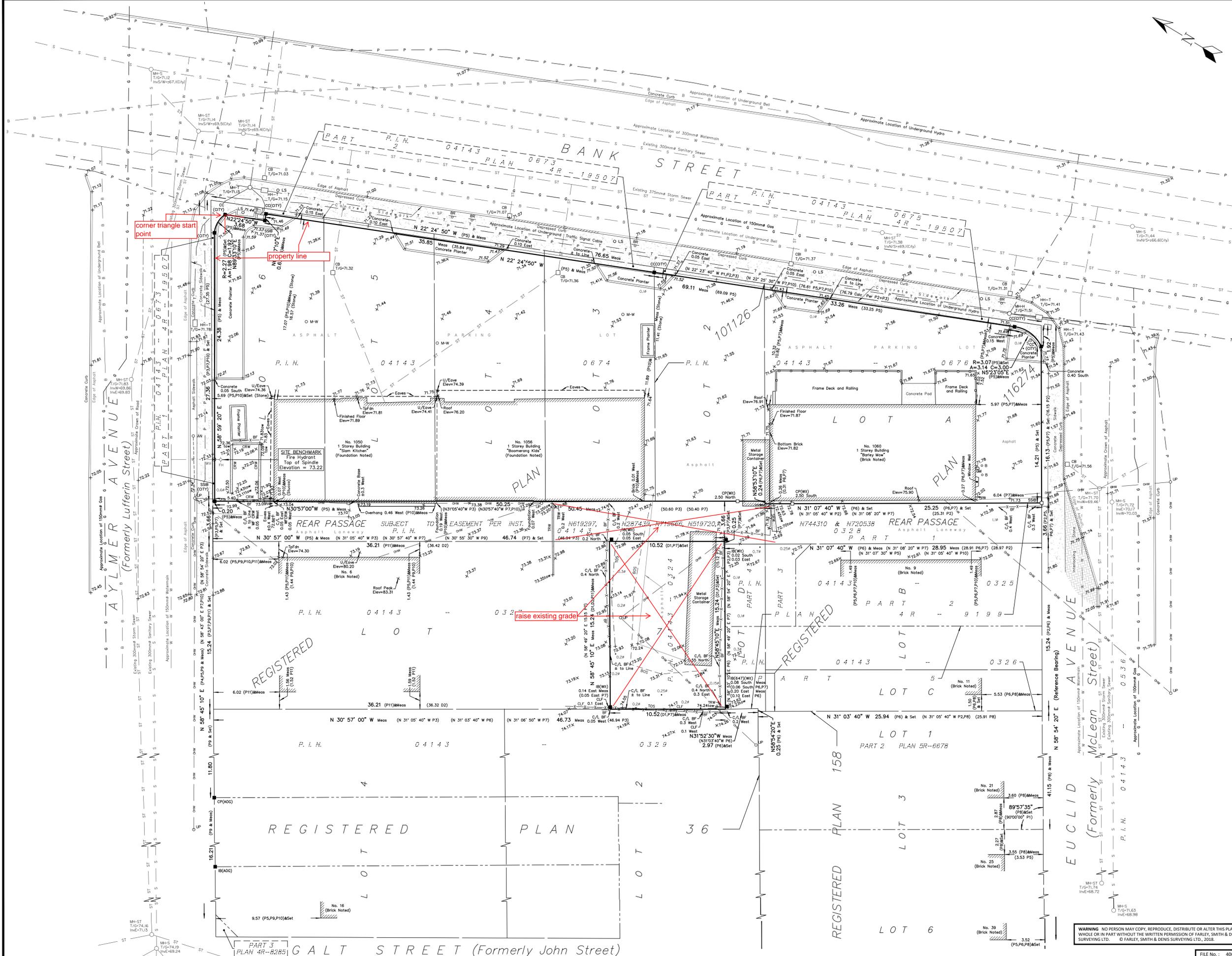
Table with 2 columns: Denotes (symbols) and Survey Monument Planted (descriptions). Includes symbols for SSB, IB, CC, CP, Wit, Meas, (P1)-(P7), (P8)-(P10), (D1)-(D2), MH-ST, MH-T, ST, S, OW, U, T, G, CP, AN, LS, BS, PH, WV, SP, T/G, IB-T, B, S, M-W, O, BF, CRW, SRW, TRW, WF, C/L, T/Fdn, U/Eave, TOS, Elev, BWS, +65.00, +65.00, Deciduous Tree.

Surveyor's Certificate I certify that: 1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Regulations made under them. 2. The survey was completed on the 11th day of September, 2018.

Date Daniel Robinson Ontario Land Surveyor

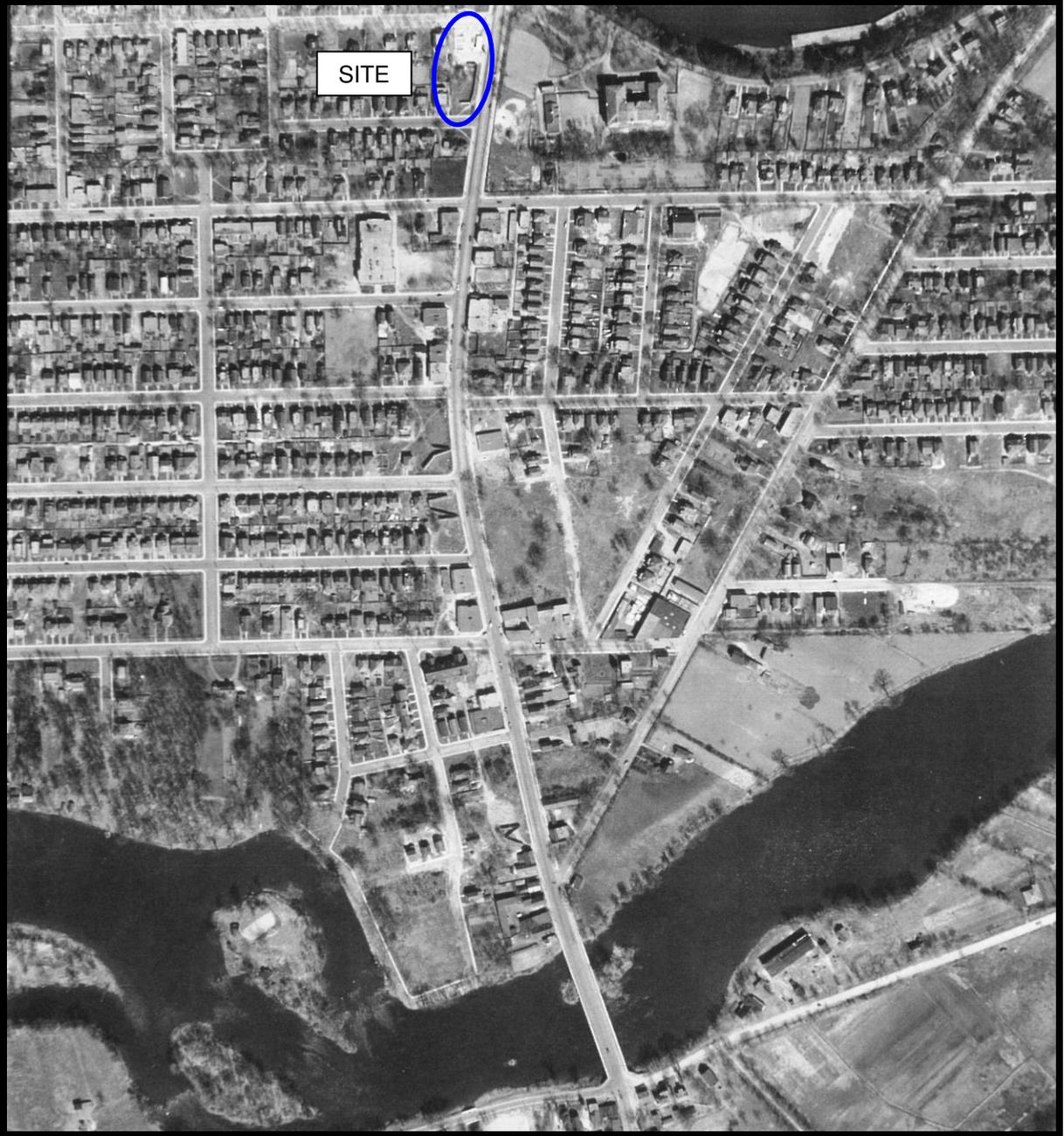
FARLEY, SMITH & DENIS SURVEYING LTD. ONTARIO LAND SURVEYORS CANADA LAND SURVEYORS

190 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J5 TEL: (613) 727-8226 FAX: (613) 727-1826

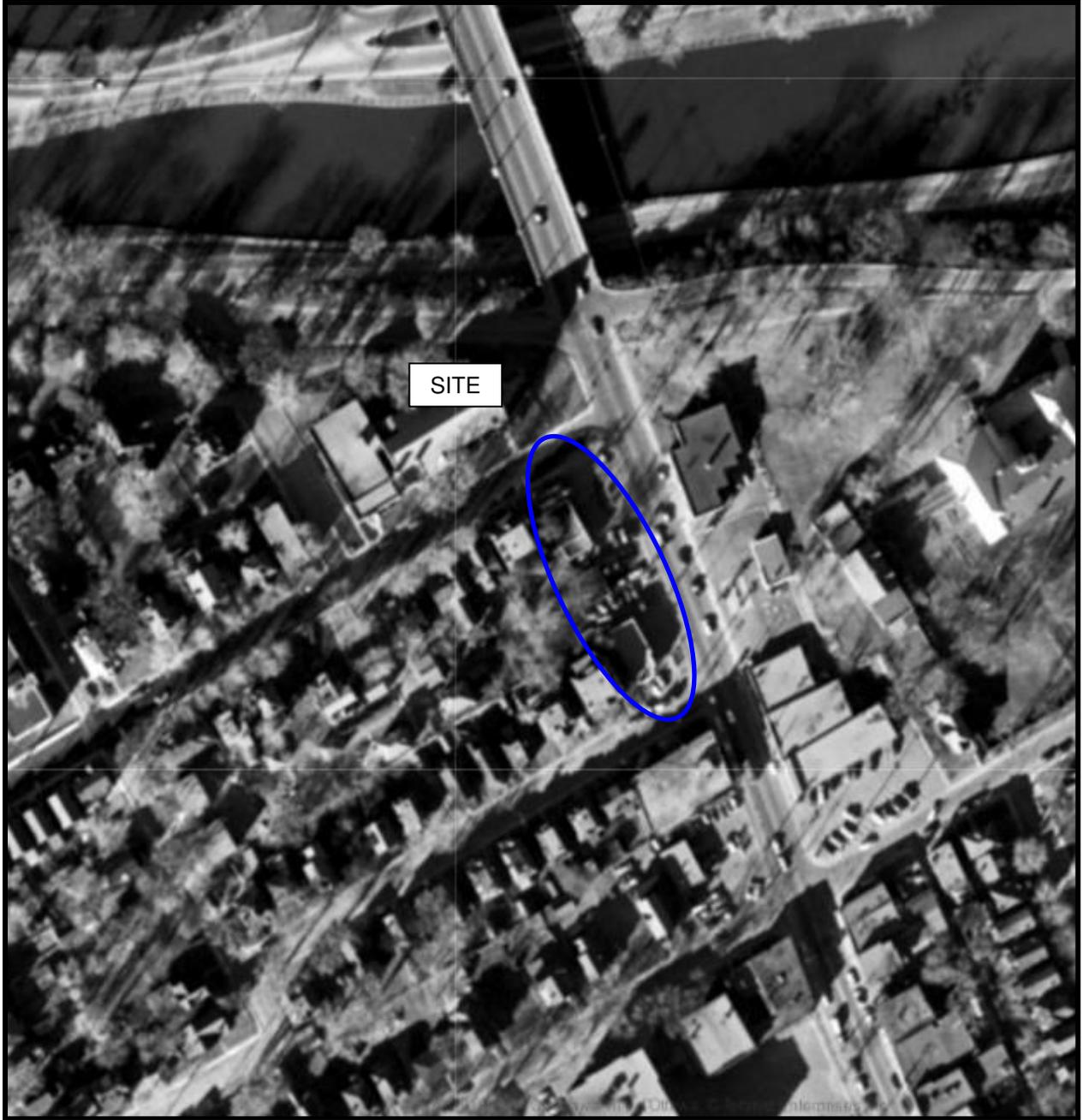


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AERIAL PHOTOGRAPH  
1928



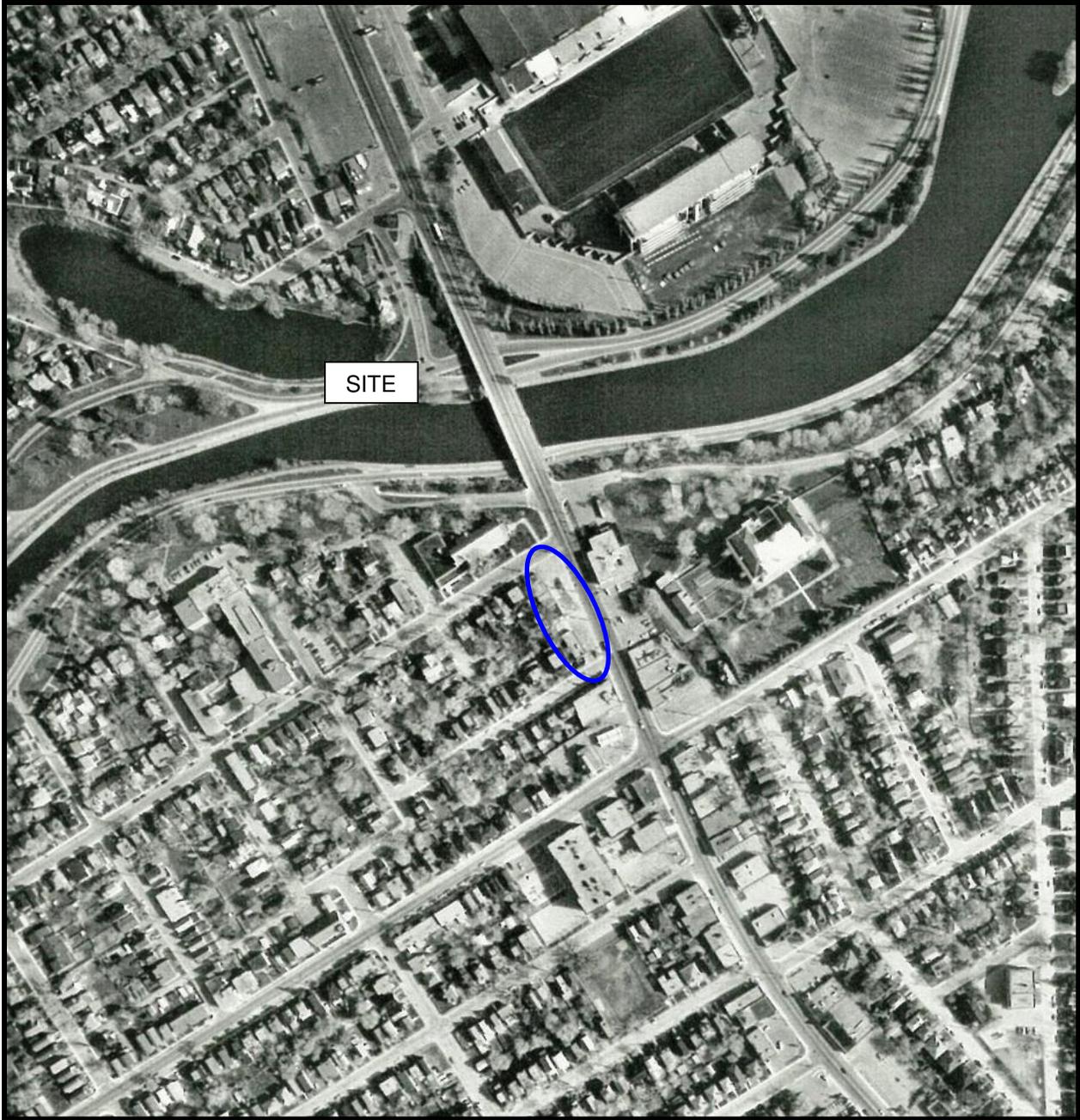
AERIAL PHOTOGRAPH  
1958



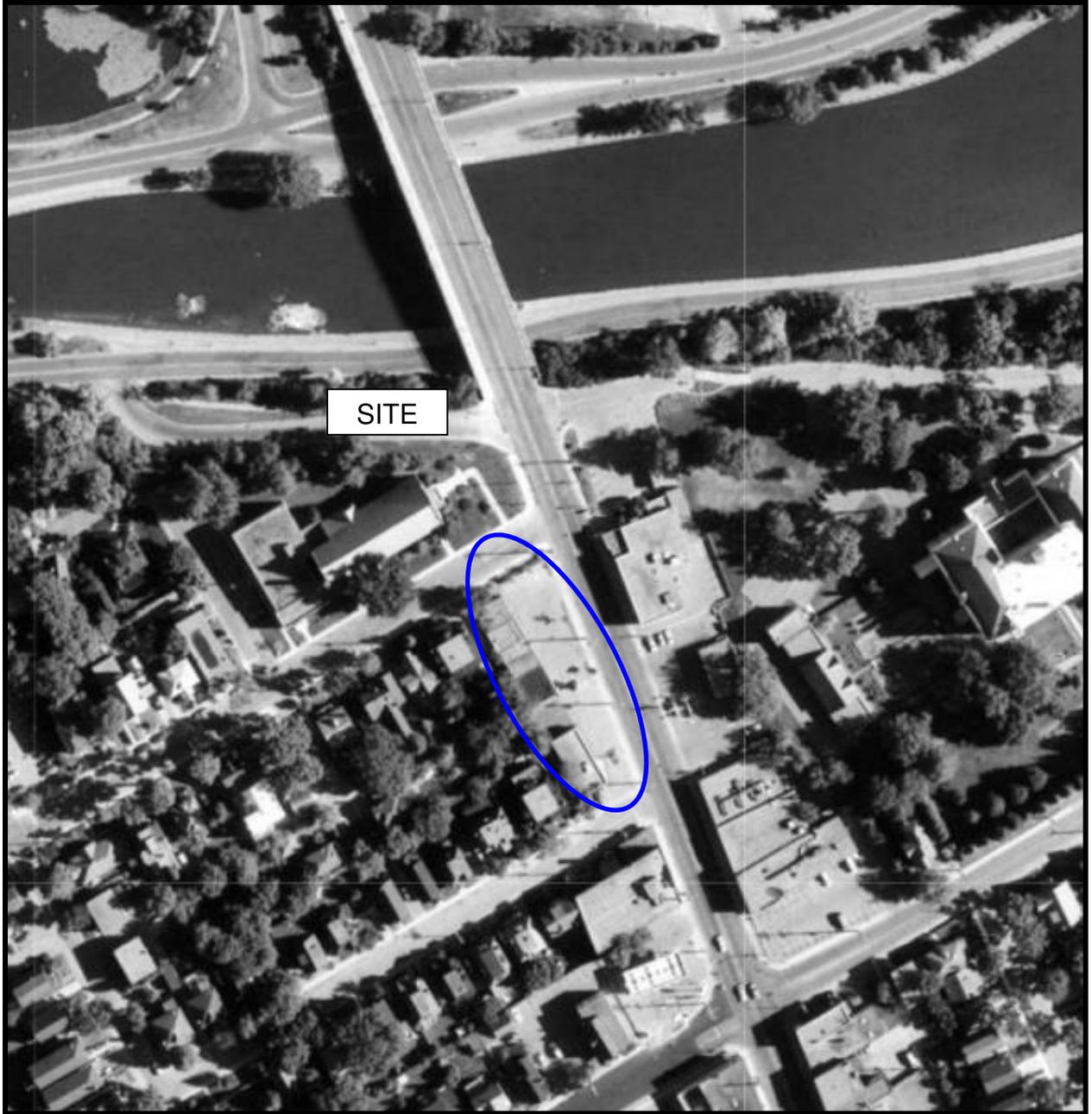
AERIAL PHOTOGRAPH  
1965



AERIAL PHOTOGRAPH  
1975



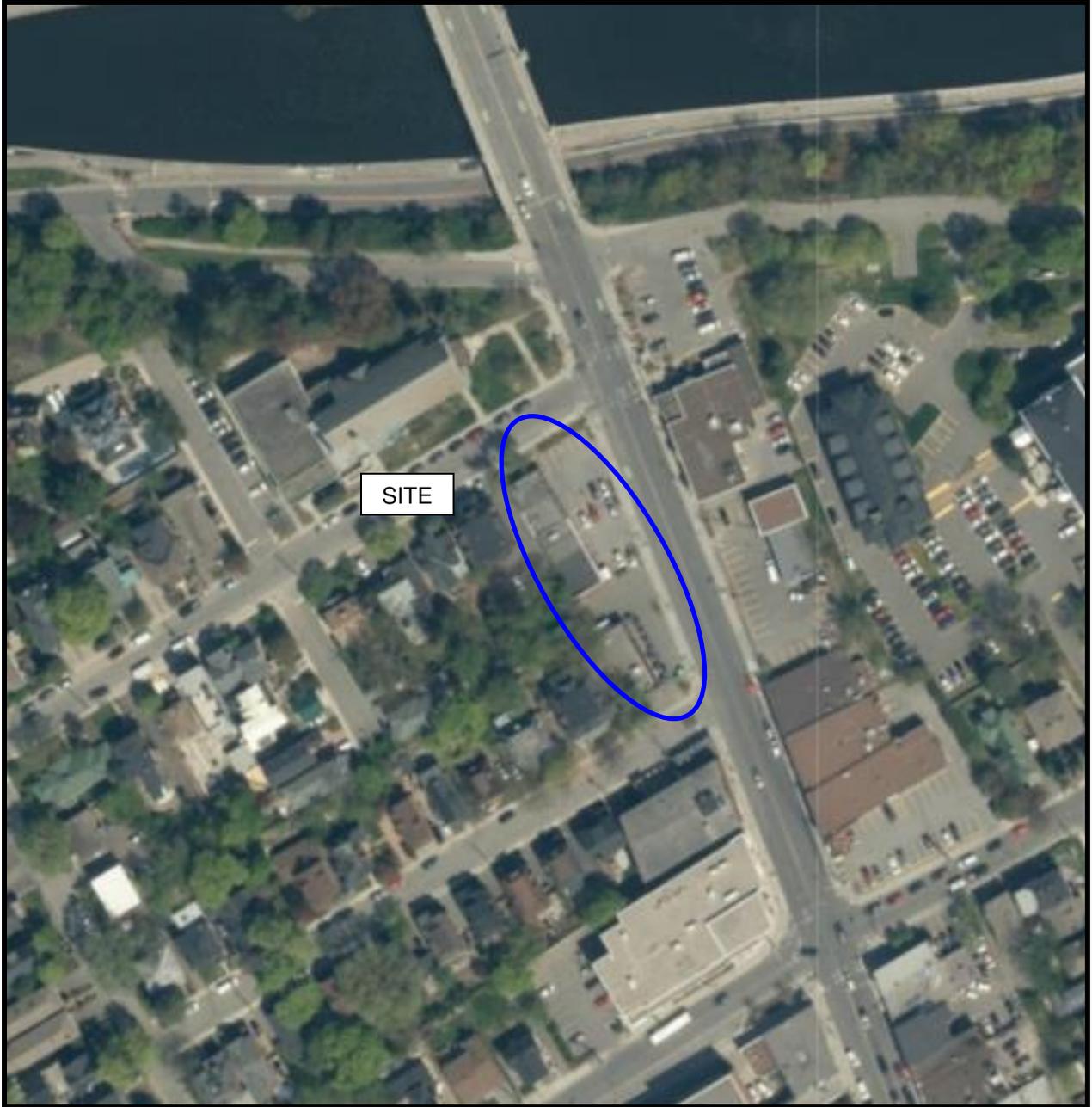
AERIAL PHOTOGRAPH  
1984



AERIAL PHOTOGRAPH  
1991



AERIAL PHOTOGRAPH  
2002



AERIAL PHOTOGRAPH  
2017

## Site Photographs

PE4783

1050 & 1060 Bank Street – Ottawa, ON

October 31, 2019



Photograph 1: Northwestern view of the Phase I Property (1050 Bank Street) from Bank Street looking northwest.



Photograph 2: Southwestern view of the Phase I Property (1060 Bank Street) from Bank Street, looking southwest.

## Site Photographs

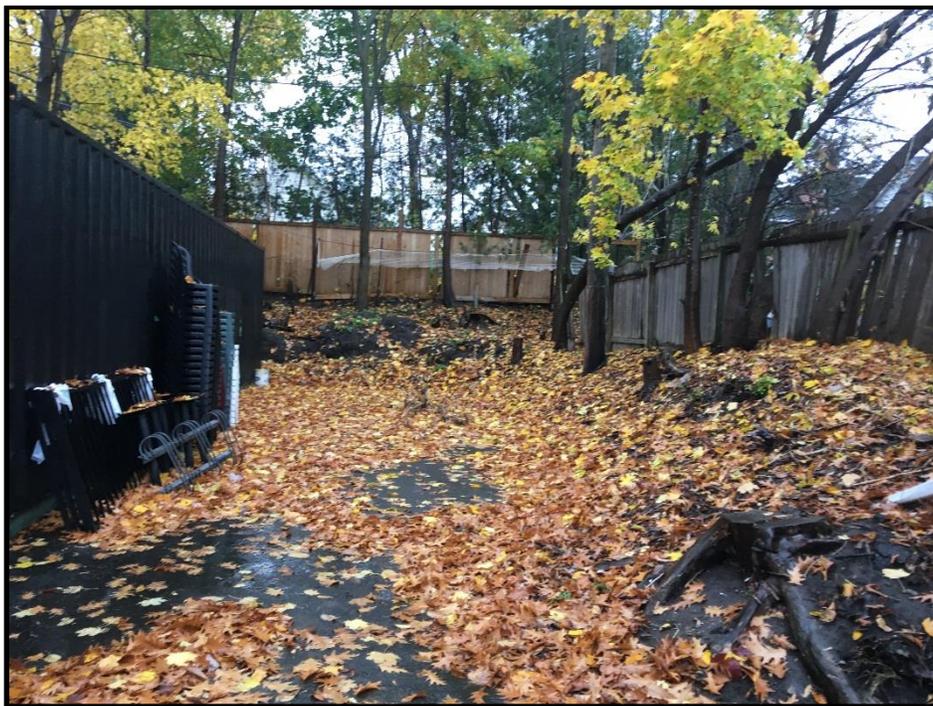
PE4783

1050 & 1060 Bank Street – Ottawa, ON

October 31, 2019



Photograph 3: Storage area behind Barley Mow, looking southwest. Photograph illustrates residential property adjacent to the west of 1060 Bank Street, across the easement.



Photograph 4: West-central view of the Phase I Property (part of 1060 Bank Street), looking west.

## Site Photographs

PE4783

1050 & 1060 Bank Street – Ottawa, ON

October 31, 2019



Photograph 5: View of the northern portion of the Phase I Property, looking southeast. Photograph illustrates commercial properties to the adjacent east, across Bank Street.



Photograph 6: Photograph illustrates access laneway/easement adjacent to the west of the Phase I property, facing north.

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION**

**MECP WELL RECORDS**

**CITY OF OTTAWA HLUI SEARCH**

**TSSA CORRESPONDENCE**

Ministry of the Environment,  
Conservation and Parks

Access and Privacy Office

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

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

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

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



October 25, 2019

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

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2019-07317, Your Reference PE4303**

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: 1050 and 1060 Bank Street, 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 Dany Briollais at [dany.briollais@ontario.ca](mailto:dany.briollais@ontario.ca).

Yours truly,

A handwritten signature in black ink, appearing to read "Janet Dadufalza".

Janet Dadufalza  
Manager, Access and Privacy

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7193173

Well Audit Number: Z153962

Well Tag Number: A130148

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	1047 BANK ST
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446317.00 Northing: 5027157.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	----			0 m	.1 m
GREY	SAND	SILT		.1 m	.2 m
BRWN	GRVL	SILT		.2 m	.36 m
BRWN	SAND	SILT		.36 m	1.83 m
BRWN	SAND	SILT		1.83 m	2.54 m
BRWN	SAND	GRVL		2.54 m	5.01 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	1.83 m	BENTONITE	

## Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
GEOPROBE	Monitoring

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
3.5 cm	PLASTIC	0 m	2.1 m

## Construction Record - Screen

Outside Material Depth Depth

Diameter                      From To  
4.2 cm    PLASTIC 2.1 m 5.01 m

## 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

---

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
----------------------------	------------------------------	---------------------------	-----------------------------

---

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
----------------------	------

---

3.76 m

## Hole Diameter

---

Depth From	Depth To	Diameter
------------	----------	----------

---

0 m      5.01 m      8.89 cm

**Audit Number:** Z153962

**Date Well Completed:** August 28, 2012

**Date Well Record Received by MOE:** December 10, 2012

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7193173

Well Audit Number: Z153962

Well Tag Number: A130148

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	1047 BANK ST
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446317.00 Northing: 5027157.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	----			0 m	.1 m
GREY	SAND	SILT		.1 m	.2 m
BRWN	GRVL	SILT		.2 m	.36 m
BRWN	SAND	SILT		.36 m	1.83 m
BRWN	SAND	SILT		1.83 m	2.54 m
BRWN	SAND	GRVL		2.54 m	5.01 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	1.83 m	BENTONITE	

## Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
GEOPROBE	Monitoring

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
3.5 cm	PLASTIC	0 m	2.1 m

## Construction Record - Screen

Outside Material Depth Depth

Diameter                      From To  
4.2 cm    PLASTIC 2.1 m 5.01 m

## 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

---

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
----------------------------	------------------------------	---------------------------	-----------------------------

---

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
----------------------	------

---

3.76 m

## Hole Diameter

---

Depth From	Depth To	Diameter
------------	----------	----------

---

0 m      5.01 m      8.89 cm

**Audit Number:** Z153962

**Date Well Completed:** August 28, 2012

**Date Well Record Received by MOE:** December 10, 2012

Updated: March 7, 2019

## Recommended for you

UTM 118 2 4146 4210  
 9 5 R 510 267 8 10 N  
 Elev. 9 2 40 2 20  
 Basin 2 5



15 No 8165

**RECEIVED**  
 FEB 15 1950  
 GEOLOGICAL BRANCH  
 DEPARTMENT OF MINES

The Well Drillers Act  
 Department of Mines, Province of Ontario

# Water Well Record

City of Ottawa  
 ST. A. EUCLID AVE  
 4 BANK ST. Acres OTTAWA

Date Completed ... Cost of well (not including pump) \$1120.00

## Pipe and Casing Record

## Pumping Test

Casing diameter(s) ... 8"	Date ... APRIL 29 49
Length(s) of casing(s) ... 85 FT	Developed Capacity ... 2400 GAL. P.H.
Length of screen	Duration of Test ... 8 HOURS
Type of screen	Pumping Rate ... 2400 GAL. P.H.
Type of pump ... WORKING BARREL	Drawdown ... 50 FT
Capacity of pump ... 2400 GAL. P.H.	Static level of completed well ... 3.2 FT
Depth of pump setting ... 120 FT	Is well a gravel-wall type? ... NO

## Water Record

Kind (fresh or mineral) ... MINERAL	Depth(s) to Water Horizon(s) ... 280	Kind of Water ... SULPHUR	No. of Feet Water Rises ... 248
Quality (hard, soft, contains iron, sulphur etc.) ... SULPHUR			
Appearance (clear, cloudy, coloured) ... CLEAR			
For what purpose(s) is the water to be used? ... AIR CONDIT- ION. MAY FAIR. THEATRE			
How far is well from possible source of contamination? ... NONE			
What is source of contamination? ... NONE			
Enclose a copy of any mineral analysis that has been made of water			

## Well Log

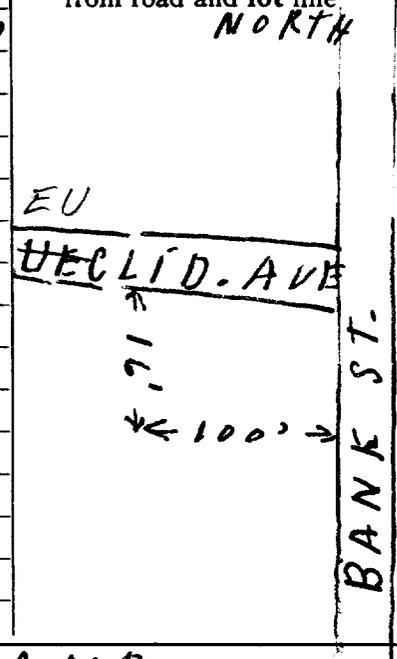
### Drift and Bedrock Record

From To

FINE GREY SAND	0 ft.	83 ft.
GREY LIMESTONE	83	220

## Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? ... UPLAND  
 Drilling Firm ... THOMAS H ADAMS  
 Address ... HURDMANS BRIDGE  
 Recorded by ... TH ADAMS Address ... HURDMANS BE  
 Date ... JAN 17/50 Licence Number ... 294

EUCLID AVE

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7203574

Well Audit Number: Z168911

Well Tag Number: A146541

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	1063 BANN ST
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446548.00 Northing: 5026939.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	SAND	SILT	SOFT	0 m	3.1 m
BRWN	FSND			3.1 m	7.62 m
BRWN	FSND		HARD	7.62 m	12.1 m
BRWN	FSND		HARD	12.1 m	12.71 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	
.31 m	9.14 m	BENTONITE	
9.14 m	12.71 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
3.45 cm	PLASTIC	0 m	9.75 m

## Construction Record - Screen

Outside Material Depth Depth

Diameter                      From   To  
4.21 cm PLASTIC 9.75 m 12.71 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## 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

---

<b>Draw Down Time(min)</b>	<b>Draw Down Water level</b>	<b>Recovery Time(min)</b>	<b>Recovery Water level</b>
----------------------------	------------------------------	---------------------------	-----------------------------

---

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
0 m	7.62 m	8.25 cm
7.62 m	12.71 m	5.71 cm

**Audit Number:** Z168911

**Date Well Completed:** May 21, 2013

**Date Well Record Received by MOE:** June 21, 2013

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7240281

Well Audit Number: Z207419

Well Tag Number: A178633

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	1158 BANK ST.
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446549.00 Northing: 5026807.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	FILL	SAND	SOFT	0 m	2.74 m
BRWN	FSND		HARD	2.74 m	6.1 m
BRWN	SAND	GRVL	HARD	6.1 m	9.14 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/FLUSHMOUNT	
.31 m	5.79 m	BENTONITE	
5.79 m	9.14 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
DIRECT PUSH	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	6.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
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4.82 cm PLASTIC 6.1 m 9.14 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### 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
0 m	9.14 m	8.25 cm

---

**Audit Number:** Z207419

**Date Well Completed:** March 23, 2015

**Date Well Record Received by MOE:** April 22, 2015

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7240282

Well Audit Number: Z207420

Well Tag Number: A178632

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	1158 BANKST
<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	OTTAWA
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446566.00 Northing: 5026820.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	FILL	SAND	SOFT	0 m	2.74 m
BRWN	FSND		HARD	2.74 m	6.1 m
BRWN	SAND	GRVL	HARD	6.1 m	9.14 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/FLUSHMOUNT	
.31 m	5.79 m	BENTONITE	
5.79 m	9.14 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
DIRECT PUSH	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	6.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

4.82 cm PLASTIC 6.1 m 9.14 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### 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
0 m	9.14 m	8.25 cm

---

**Audit Number:** Z207420

**Date Well Completed:** March 23, 2015

**Date Well Record Received by MOE:** April 22, 2015

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7252052

Well Audit Number: Z215057

Well Tag Number: A175517

*This table contains information from the original well record and any subsequent updates.*

### Well Location

<b>Address of Well Location</b>	925 BANK STREET
<b>Township</b>	NEPEAN TOWNSHIP
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	Ottawa
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446567.00 Northing: 5027324.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	FILL			0 m	1.5 m
BRWN	FSND			1.5 m	3.66 m
BRWN	CSND			3.66 m	6.71 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	FLUSHMOUNT/ CONCRETE	
.31 m	3.35 m	BENTONITE	
3.35 m	6.71 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.66 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
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## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### 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
0 m	6.71 m	11.4 cm

---

**Audit Number:** Z215057

**Date Well Completed:** October 22, 2015

**Date Well Record Received by MOE:** November 16, 2015

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7274037

Well Audit Number: Z238046

Well Tag Number: A191074

*This table contains information from the original well record and any subsequent updates.*

### Well Location

---

**Address of Well Location**

<b>Township</b>	OTTAWA CITY
<b>Lot</b>	
<b>Concession</b>	
<b>County/District/Municipality</b>	OTTAWA-CARLETON
<b>City/Town/Village</b>	
<b>Province</b>	ON
<b>Postal Code</b>	n/a
<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446547.00 Northing: 5026823.00
<b>Municipal Plan and Sublot Number</b>	
<b>Other</b>	

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL			0 m	.61 m
BRWN	SAND			.61 m	4.88 m
BRWN	SAND	CSND		4.88 m	7.32 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/ FLUSHMOUNT	
.31 m	3.96 m	BENTONITE	
3.96 m	7.32 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Rotary (Convent.)	Monitoring and Test Hole

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	OTHER	0 m	4.27 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

4.82 cm OTHER 4.27 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### 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
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---

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
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---

## Hole Diameter

---

Depth From	Depth To	Diameter
0 m	7.32 m	15.24 cm

---

**Audit Number:** Z238046

**Date Well Completed:** October 01, 2016

**Date Well Record Received by MOE:** October 28, 2016

Updated: March 7, 2019

## Recommended for you

## 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](#).

[Go Back to Map](#)

### Well ID

Well ID Number: 7295175

Well Audit Number: C36215

Well Tag Number: A194839

*This table contains information from the original well record and any subsequent updates.*

### Well Location

---

**Address of Well Location**

<b>Township</b>	NEPEAN TOWNSHIP
-----------------	-----------------

<b>Lot</b>	
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<b>Concession</b>	
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<b>County/District/Municipality</b>	OTTAWA-CARLETON
-------------------------------------	-----------------

<b>City/Town/Village</b>	
--------------------------	--

<b>Province</b>	ON
-----------------	----

<b>Postal Code</b>	n/a
--------------------	-----

<b>UTM Coordinates</b>	NAD83 — Zone 18 Easting: 446601.00 Northing: 5026851.00
------------------------	---------------------------------------------------------------

<b>Municipal Plan and Sublot Number</b>	
-----------------------------------------	--

<b>Other</b>	
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---

## Overburden and Bedrock Materials Interval

---

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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## Annular Space/Abandonment Sealing Record

---

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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## Method of Construction & Well Use

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Method of Construction	Well Use
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## Status of Well

## Construction Record - Casing

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Inside Diameter	Open Hole or material	Depth From	Depth To
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---

## Construction Record - Screen

---

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7543

# 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
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## Hole Diameter

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Depth From	Depth To	Diameter
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**Audit Number:** C36215

**Date Well Completed:** June 28, 2017

**Date Well Record Received by MOE:** September 22, 2017

Updated: March 7, 2019

## Recommended for you

2 MW abandonments  
NO Tag MW03-3

**Master Well Owner's and Land Owner's Information**

First Name: City of Ottawa  
Last Name: \_\_\_\_\_  
E-mail Address: \_\_\_\_\_  
Mailing Address (Street Number/Name, RR): 110 Laurier Ave. West  
Municipality: Ottawa  
Province: ON  
Postal Code: K1A1J1  
Telephone No. (inc. area code): 6135802400

**Location and Construction of the Master Well in the Cluster**

Address of Well Location (Street Number/Name, RR): (Ur-27) Lansdowne Park  
Township: \_\_\_\_\_  
Lot: \_\_\_\_\_  
Concession: \_\_\_\_\_  
County/District/Municipality: Ottawa  
City/Town/Village: Ottawa  
Province: Ontario  
Postal Code: \_\_\_\_\_

UTM Coordinates: NAD 83 | Zone 18 | Easting 446572 | Northing 5027312  
GPS Unit Make: Garmin  
Model: GPS III Plus  
Mode of Operation:  Undifferentiated  Averaged  
 Differentiated, specify \_\_\_\_\_

**Overburden and Bedrock Materials (see instructions on the back of this form)**

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
			2 monitoring well abandonments		

**Construction Details**

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To

**Annular Space/Abandonment Sealing Record**

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	6.1	Bentonite holeplug	60 Kgs

**Hole Details**

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	6.10	

**Water Use**

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

**Method of Construction**

Cable Tool  Air Percussion  Digging  
 Rotary (Conventional)  Diamond  Boring  
 Rotary (Reverse)  Jetting  Other, specify \_\_\_\_\_  
 Rotary (Air)  Driving

**Status of Well**

Test Hole  Abandoned, Insufficient Supply  
 Replacement Well  Abandoned, Poor Water Quality  
 Dewatering Well  Other, specify \_\_\_\_\_  
 Alteration (Construction)  Abandoned, other, specify *monitoring*

**No Casing and Screen Used**

Open Hole  Yes  No \_\_\_\_\_ Metres

**Screen**

Galvanized  Steel  Fibreglass  Concrete  Plastic  
 Outside Diameter (Centimetres): \_\_\_\_\_ Slot No.: \_\_\_\_\_

**Water Details**

Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals

**Disinfection**

Disinfected  Yes  No If no, provide reason: \_\_\_\_\_ Date Master Well Completed (yyyy/mm/dd): 2007/10/04

**Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)**

Total Wells in Cluster: *Abandonments*  
 Total Wells on this Property: *unknown*  
 Please indicate Number of Cluster Well Information Log Sheets Submitted: *1*

**Location of Well Cluster**

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.  
 Check box to confirm detailed map is provided as per Section 11.1 (3)

**Consent to release additional information concerning the cluster to the Director upon request**

Signature of Technician/Contractor: \_\_\_\_\_ Date: (yyyy/mm/dd) \_\_\_\_\_

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: George Downing 2state Drilling  
 Well Contractor's Licence No.: 1181414  
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville-sur-la-Rouge  
 Municipality: \_\_\_\_\_  
 Province: QC  
 Postal Code: J0N1B0  
 Business E-mail Address: downing@explonnet.com  
 Bus. Telephone No. (inc. area code): 8192426469  
 Name of Well Technician (Last Name, First Name): Downing Bruce  
 Well Technician's Licence No.: 2173  
 Signature of Technician: \_\_\_\_\_  
 Date Submitted (yyyy/mm/dd): 2008/09/09

**Audit No.**

Audit No.: **M 01098**  
 Well Contractor No.: \_\_\_\_\_  
 Date Received (yyyy/mm/dd): **DEC 29 2008**  
 Date of Inspection (yyyy/mm/dd): \_\_\_\_\_  
 Remarks: \_\_\_\_\_





**Master Well Owner's and Land Owner's Information**

First Name: Royal College of Physicians + Surgeons Last Name: \_\_\_\_\_ E-mail Address: \_\_\_\_\_  
 Mailing Address (Street Number/Name, RR): 780 Echo Drive Municipality: Ottawa Province: ON Postal Code: \_\_\_\_\_ Telephone No. (inc. area code): \_\_\_\_\_

**Location and Construction of the Master Well in the Cluster**

Address of Well Location (Street Number/Name, RR): 780 Echo Drive Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_  
 County/District/Municipality: \_\_\_\_\_ City/Town/Village: Ottawa Province: Ontario Postal Code: \_\_\_\_\_

UTM Coordinates: NAD 83 Zone 18 Easting 4465117 Northing 5027095 GPS Unit Make: Garmin Model: etrex Mode of Operation:  Undifferentiated  Averaged  
 Differentiated, specify \_\_\_\_\_

**Overburden and Bedrock Materials (see instructions on the back of this form)**

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Grey	Sand		coarse, gravelly	0	0.6
Brown	Silty sand	med to fine, moist		0.6	7.1
Brown	Silty Sand	fine, moist to wet		7.1	13.4

**Hole Details**

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	13.4	70

**Water Use**

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

**Method of Construction**

Cable Tool  Air Percussion  Digging  
 Rotary (Conventional)  Diamond  Boring  
 Rotary (Reverse)  Jetting  Other, specify HSA  
 Rotary (Air)  Driving

**Status of Well**

Test Hole  Abandoned, Insufficient Supply  
 Replacement Well  Abandoned, Poor Water Quality  
 Dewatering Well  Other, specify \_\_\_\_\_  
 Alteration (Construction)  Abandoned, other, specify \_\_\_\_\_

**No Casing and Screen Used**  Yes  No

**Static Water Level Test**  
 Open Hole: \_\_\_\_\_ Metres

**Screen**

Galvanized  Steel  Fibreglass  Concrete  Plastic

Outside Diameter (Centimetres): 5.8 Slot No.: 10

**Water Details**

Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals  
 Water found at Depth \_\_\_\_\_ Metres  Gas  Fresh  Salty  Sulphur  Minerals

Disinfected  Yes  No. If no, provide reason: \_\_\_\_\_ Date Master Well Completed (yyyy/mm/dd): 2008/08/26  
Monitoring wells

**Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)**

Total Wells in Cluster: 5 Please indicate Number of Cluster Well Information Log Sheets Submitted: 1  
 Total Wells on this Property: Unknown

**Location of Well Cluster**

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.  
 Check box to confirm detailed map is provided as per Section 11.1 (3)

**Consent to release additional information concerning the cluster to the Director upon request**

Signature of Technician/Contractor: Bruce Downing Date (yyyy/mm/dd): 2008/09/30

**Master Well Owner's/Land Owner's consent to use Cluster Form**

Signature: \_\_\_\_\_ Date (yyyy/mm/dd): 11/10/08

**Construction Details**

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To
<u>5.1</u>	<u>PVC</u>	<u>Sched 40</u>	<u>0</u>	<u>10.0</u>

**Annular Space/Abandonment Sealing Record**

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
<u>0</u>	<u>10.0</u>	<u>Bentonite slurry</u>	<u>200 Kg</u>

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: George Downing Estate Drilling Well Contractor's Licence No.: 1181414  
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville-sur-la-Rouge Municipality: \_\_\_\_\_  
 Province: QC Postal Code: J0L1V1 Business E-mail Address: downing@explornet.com  
 Bus. Telephone No. (inc. area code): 81192426469 Name of Well Technician (Last Name, First Name): Downing, Bruce  
 Well Technician's Licence No.: 21173 Signature of Technician: Bruce Downing Date Submitted (yyyy/mm/dd): 2008/09/30

**Ministry Use Only**

Audit No.: 02887 Well Contractor No.: \_\_\_\_\_  
 Date Received (yyyy/mm/dd): OCT 19 2009 Date of Inspection (yyyy/mm/dd): \_\_\_\_\_  
 Remarks: \_\_\_\_\_



Well Tag No. A 068585  
A068585

Cluster Well Information for Cluster Well Construction  
Regulation 903 Ontario Water Resources Act

**Property Owner's Information**

First Name: Royal College of Physicians + Surgeons  
Last Name: + Surgeons  
Mailing Address (Street No./Name, RR): 780 Echo Drive  
Municipality: Ottawa  
Province: ON  
Postal Code: [blank]  
E-mail Address: [blank]  
Telephone No. (inc. area code): [blank]

**Consent**

Property Owner's Consent to use cluster form  
Signature: [Signature]  
Date (yyyy/mm/dd): 1/19/09

Consent to release additional information to the Director upon request  
Signature of Technician/Contractor: [Signature]  
Date (yyyy/mm/dd): 2008/09/30

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR): 780 Echo Drive  
Lot: [blank]  
Concession: [blank]  
Township: [blank]  
County/District/Municipality: [blank]  
City/Town/Village: Ottawa  
Province: Ontario  
Postal Code: [blank]  
GPS Unit Make: [blank]  
Model: [blank]  
Unit Mode of Operation:  Undifferentiated  Averaged  Differentiated, specify: [blank]

Well # on Sketch	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
	Zone	Easting						Northing	From					
MW# 16	18	446506	5027108	13.4	20	HSA	PVC	10.0	10.0	13.4	Bentonite slurry	12.5		2008/08/20
MW# 20	18	446508	5027084	14.0				10.5	10.5	14.0		12.8		2008/08/20
MW# 21	18	446511	5027080	13.4				10.0	10.0	13.4		13.0		2008/08/19
MW# 18	18	446515	5027091	13.1				10.0	10.0	13.4		12.5		2008/08/21

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: George Downing Estate Drilling Ltd.  
Business Address (Street Number/Name, RR): 410 Rue Principale  
Municipality: Grenville-sur-la-Rouge  
Province: QC  
Postal Code: J0V 1B0  
Business Telephone No. (inc. area code): 819 242 6469  
Well Contractor's Licence No.: 1844  
Business E-mail Address: downing@xplornet.com  
Name of Well Technician (First Name, Last Name): Bruce Downing  
Well Technician's Licence No.: 2173  
Date Submitted (yyyy/mm/dd): 2008/09/30  
Signature of Technician: [Signature]

Date 1st Well in Cluster Constructed (yyyy/mm/dd): 2008/08/19  
Date Last Well in Cluster Constructed (yyyy/mm/dd): 2008/08/21

**Ministry Use Only**

Date Received (yyyy/mm/dd): OCT 19 2009  
Date Inspected (yyyy/mm/dd): [blank]  
Audit No.: 01985  
Remarks: M02887

Address of Well Location (Street Number/Name): **Bank and Sunnyside**  
 Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_  
 County/District/Municipality: \_\_\_\_\_ City/Town/Village: **Ottawa** Province: **Ontario** Postal Code: \_\_\_\_\_  
 UTM Coordinates: Zone: \_\_\_\_\_ Easting: **18446483** Northing: **5026970** Municipal Plan and Sublot Number: \_\_\_\_\_ Other: \_\_\_\_\_

**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	To
BRN	sand	gravel	packed, dry	0	3.66
BRN	sand	silt	dense, dry	3.66	5.79
BRN	fill		hard, damp	5.79	7.01

**Annular Space**

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )
0 - 3.66	Benseal	
3.66 - 7.01	filter sand	

**Results of Well Yield Testing**

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
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? <input type="checkbox"/> Yes <input type="checkbox"/> No	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		

**Method of Construction**

Cable Tool  Diamond  Public  Commercial  Not used  
 Rotary (Conventional)  Jetting  Domestic  Municipal  Dewatering  
 Rotary (Reverse)  Driving  Livestock  Test Hole  Monitoring  
 Boring  Digging  Irrigation  Cooling & Air Conditioning  
 Air percussion  Industrial  
 Other, specify **DIRECT PUSH**  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)		Status of Well
			From	To	
4.03	PVC	.361	0	3.96	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

**Construction Record - Screen**

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
4.82	PVC	10	3.96	7.01

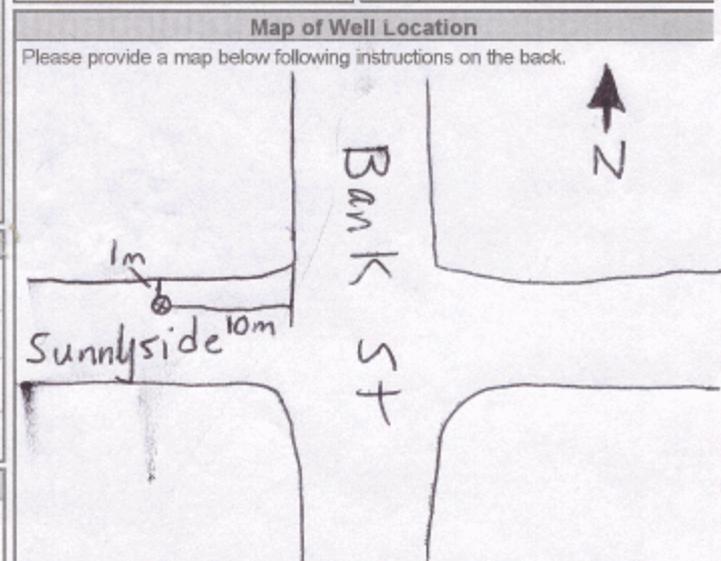
**Water Details**

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	0 - 5.79	8.25
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	5.79 - 7.01	5.71

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: **Strata soil sampling** Well Contractor's Licence No.: **72411**  
 Business Address (Street Number/Name): **#2-147 West Beaver Creek** Municipality: **Richmond Hill**  
 Province: **ON** Postal Code: **L4B1C6** Business E-mail Address: \_\_\_\_\_

Bus. Telephone No. (inc. area code): **(905) 761-1301** Name of Well Technician (Last Name, First Name): **Robinson Travis**  
 Well Technician's Licence No.: **3159** Signature of Technician and/or Contractor: \_\_\_\_\_ Date Submitted: **20100427**



Comments: \_\_\_\_\_

Well owner's information package delivered: <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered: <b>Y Y Y Y M M D D</b> Date Work Completed: <b>20100411</b>	<b>Ministry Use Only</b> Audit No.: <b>z113148</b> Received: <b>MAY 2 2010</b>
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Measurements recorded in:  Metric  Imperial

A097265

Page 1 of 1

Well Location

Address of Well Location (Street Number/Name) *297 Sunnyside Ave + Bank* Township \_\_\_\_\_ Lot \_\_\_\_\_ Concession \_\_\_\_\_

County/District/Municipality \_\_\_\_\_ City/Town/Village *Ottawa* Province **Ontario** Postal Code \_\_\_\_\_

UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other

NAD 83 18 446484 5026972

**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 To

**Annular Space**

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/m²)
From To		
0 .31	Asphalt Repair	
.31 1.83	Benseal	
1.83 7.32	Grout Slurry	

**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)	Status of Well
			From To	
3.45	PVC	.390	0 .91	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <i>Not Needed</i> <input type="checkbox"/> Other, specify _____

**Construction Record - Screen**

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)
			From To
4.21	PVC	10	.91 7.32

**Water Details**

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Hole Diameter
		Depth (m/ft) From To Diameter (cm/in)
		0 1.83 20.32

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: *Strata Soil Sampling* Well Contractor's Licence No.: *7241*

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

Province: *ON* Postal Code: *L4B1C6* Business E-mail Address: *wrecords@stratasoil.com*

Bus. Telephone No. (inc. area code): *9057649304* Name of Well Technician (Last Name, First Name): *Myer, Mike*

Well Technician's Licence No.: *3448* Signature of Technician and/or Contractor: *[Signature]* Date Submitted: *20100518*

**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

Time (min)	Draw Down		Recovery	
	Water Level (m/ft)	Time (min)	Water Level (m/ft)	Time (min)
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.

297 Vacant Lot

Sunnyside Ave

Bank

Comments:

**Ministry Use Only**

Audit No.: **z111624**

Received: **JUN 17 2010**

Well owner's information package delivered:  Yes  No

Date Package Delivered: *Y|Y|Y|Y|M|M|D|D* *20100505*

Date Work Completed: *20100505*

**Master Well Owner's and Land Owner's Information**

First Name <b>City of Ottawa</b>	Last Name	E-mail Address
Mailing Address (Street Number/Name, RR) <b>110 Laurier Avenue West</b>	Municipality <b>Ottawa</b>	Province <b>ON</b>
	Postal Code <b>K1P1J1</b>	Telephone No. (inc. area code) <b>6135802400</b>

**Location and Construction of the Master Well in the Cluster**

Address of Well Location (Street Number/Name, RR) <b>1015 Bank Street</b>	Township	Lot	Concession
County/District/Municipality	City/Town/Village <b>Ottawa</b>	Province <b>Ontario</b>	Postal Code

UTM Coordinates NAD 83	Zone 18	Easting 446332	Northing 5027605	GPS Unit Make <b>Garmin</b>	Model <b>Etrex</b>	Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify
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Overburden and Bedrock Materials (see instructions on the back of this form)				
General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From To
Brown	Topsoil			0 0.01
"	Fill; sand + silt, trace clay + gravel			0.01 3.8
"	Silly sand fine to med. grained			3.8 6.8
Grey	Silly sand + gravel		Wet @ 8.0	6.8 9.75
	Pieces of rock at 8.7m			

Hole Details		
Depth (Metres) From To	Diameter (Centimetres)	
0 9.7	20	

Water Use			
<input type="checkbox"/> Public	<input type="checkbox"/> Industrial	<input type="checkbox"/> Not used	<input type="checkbox"/> Other, specify
<input type="checkbox"/> Domestic	<input type="checkbox"/> Commercial	<input type="checkbox"/> Dewatering	
<input type="checkbox"/> Livestock	<input type="checkbox"/> Municipal	<input checked="" type="checkbox"/> Monitoring	
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Cooling & Air Conditioning	

Method of Construction		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Air Percussion	<input type="checkbox"/> Digging
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Boring
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Other, specify
<input type="checkbox"/> Rotary (Air)	<input type="checkbox"/> Driving	<b>HSA</b>

Status of Well	
<input checked="" type="checkbox"/> Test Hole	<input type="checkbox"/> Abandoned, Insufficient Supply
<input type="checkbox"/> Replacement Well	<input type="checkbox"/> Abandoned, Poor Water Quality
<input type="checkbox"/> Dewatering Well	<input type="checkbox"/> Other, specify
<input type="checkbox"/> Alteration (Construction)	<input type="checkbox"/> Abandoned, other, specify

No Casing and Screen Used	Static Water Level Test
Open Hole <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metres

Screen	
<input type="checkbox"/> Galvanized	<input type="checkbox"/> Steel
<input type="checkbox"/> Fibreglass	<input type="checkbox"/> Concrete
<input checked="" type="checkbox"/> Plastic	
Outside Diameter (Centimetres) <b>5.8</b>	Slot No. <b>10</b>

Water Details	
Water found at Depth Metres <input type="checkbox"/> Gas <input type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals	Kind of Water
Water found at Depth Metres <input type="checkbox"/> Gas <input type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals	Kind of Water
Water found at Depth Metres <input type="checkbox"/> Gas <input type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals	Kind of Water

Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If no, provide reason: <b>Monitoring well</b>	Date Master Well Completed (yyyy/mm/dd) <b>2010/03/10</b>
---------------------------------------------------------------------------------	--------------------------------------------------	--------------------------------------------------------------

Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)	
Total Wells in Cluster <b>17</b>	Please indicate Number of Cluster Well Information Log Sheets Submitted <b>2</b>
Total Wells on this Property <b>unknown</b>	

Location of Well Cluster	
Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.	
<input checked="" type="checkbox"/> Check box to confirm detailed map is provided as per Section 11.1 (3)	

Consent to release additional information concerning the cluster to

Construction Details				
Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From To	
<b>5.1</b>	<b>PVC</b>	<b>Sched 40</b>	<b>0</b>	<b>6.7</b>

Annular Space/Abandonment Sealing Record			
Depth Set at (Metres) From To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)	
<b>0.2 6.5</b>	<b>Bentonite</b>	<b>60 Kgs</b>	

Well Contractor and Well Technician Information	
Business Name of Well Contractor <b>George Downing Estate Drilling Ltd.</b>	Well Contractor's Licence No. <b>1844</b>
Business Address (Street No./Name, number, RR) <b>410 Rue Principale</b>	Municipality <b>Grenville Sur la Rouge</b>
Province <b>QC</b>	Postal Code <b>J0V1B0</b>
Business E-mail Address <b>downingc@hawk.iqs.net</b>	
Bus. Telephone No. (inc. area code) <b>8192426469</b>	Name of Well Technician (Last Name, First Name) <b>Downing Bruce</b>
Well Technician's Licence No. <b>2173</b>	Signature of Technician <i>[Signature]</i>
	Date Submitted (yyyy/mm/dd) <b>2010/04/23</b>

Ministry Use Only	
Audit No. <b>M 05580</b>	Well Contractor No.
Date Received (yyyy/mm/dd) <b>SEP 22 2010</b>	Date of Inspection (yyyy/mm/dd)
Remarks	

**A 090648** (Print Well Tag No.)  
A090648

**Property Owner's Information**

First Name: City of Ottawa, Last Name: , Mailing Address (Street No./Name, RR): 110 Laurier Avenue West, Municipality: Ottawa  
 Province: Ontario, Postal Code: K1P1J1, E-mail Address: , Telephone No. (inc. area code): 6135802400

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR): 1015 Bank Street, Lot: , Concession: , Township: , County/District/Municipality: Ottawa  
 City/Town/Village: Ottawa, Province: Ontario, Postal Code: , GPS Unit Make: Garmin, Model: Etrex, Unit Mode of Operation:  Averaged,  Differentiated, specify: ,  Undifferentiated

Signature of Technician/Contractor: *Bruce Downing*, Date (yyyy/mm/dd): 2010/04/23

Well # on Sketch	Zone	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
		Easting	Northing						From	To					
10-8	18	4464625027310	8.2	20	HSA	PVC	5.2	5.2	8.2	Bentonite					2010/03/01
10-9	18	4466145027388	8.2				5.2	5.2	8.2						2010/03/01
10-10	18	4466445027608	7.6				4.6	4.6	7.6						2010/03/01
10-11	18	4466815027563	7.4				4.4	4.4	7.6						2010/03/02
10-12	18	4466745027646	7.6				4.6	4.4	7.6						2010/03/02
10-13	18	4466465027668	5.1				2.1	2.1	5.1						2010/03/02
10-15	18	4464805027701	7.6				4.6	4.6	7.6						2010/03/03
10-16	18	4467195027704	7.6				4.6	4.6	7.6						2010/03/04
10-17	18	4467355027555	7.6				4.6	4.6	7.6						2010/03/04
10-18	18	4466905027766	4.5				1.5	1.5	4.5						2010/03/04

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: George Downing Estate Drilling, Business Address (Street Number/Name, RR): 410 Rue Principale, Municipality: Grenville Sur la Rive, Province: QC  
 Postal Code: J0V1B0, Business Telephone No. (inc. area code): 8192426469, Well Contractor's Licence No.: 1844, Business E-mail Address: downing@hawk.iqs.net  
 Name of Well Technician (First Name, Last Name): Bruce Downing, Well Technician's Licence No.: 2173, Date Submitted (yyyy/mm/dd): 2010/04/23, Signature of Technician: *Bruce Downing*

Date 1st Well in Cluster Constructed (yyyy/mm/dd): 2010/03/01, Date Last Well in Cluster Constructed (yyyy/mm/dd): 2010/03/19

**Ministry Use Only**

Date Received (yyyy/mm/dd): SEP 22 2010, Date Inspected (yyyy/mm/dd): , Audit No.: c 06199, Remarks: m05580

A090648

Property Owner's Information

First Name City of Ottawa	Last Name	Mailing Address (Street No./Name, RR) 110 Laurier Avenue West	Municipality Ottawa
Province ONTARIO	Postal Code K1P 1J1	E-mail Address	Telephone No. (inc. area code) 613 580 2400

Cluster Well Information

Address of Well Location (Street Number/Name, RR) 1015 Bank Street	Lot	Concession	Township	County/District/Municipality
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make GARMIN	Model Etrex
Unit Mode of Operation		<input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify:		

Signature of Technician/Contractor  
*Bruce Downing*

Date (yyyy/mm/dd)  
2010/04/23

Well # on Sketch	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
	Zone	Easting						Northing	From					
MW 10-19	18	44	6580	5027722	7.6	20	HSA	PRE	4.6	4.6	7.6	Benlonite		2010/03/04
MW 10-20	18	44	6483	5027693	7.0				4.0	4.0	7.0			2010/03/04
MW 10-21	18	44	6361	5027619	9.1				6.1	6.1	9.1			2010/03/04
MW 10-22	18	44	6478	5027616	7.6				4.6	4.6	7.6			2010/03/05
MW 10-23	18	44	6299	5027578	9.7				6.7	6.7	9.7			2010/03/19
MW 10-24	18	44	6402	5027632	8.2				5.2	5.2	8.2			2010/03/18
MW 10-25	18	44	6447	5027633	7.6				4.6	4.6	7.6			2010/03/18
MW 10-26	18	44	6385	5027391	8.8				5.8	5.8	8.8			2010/03/19
MW 10-27	18	44	6332	5027597	7.9				4.9	4.9	7.9			2010/03/19
MW 10-28	18	44	6703	5027584	5.1				2.1	2.1	5.1			2010/03/18

Well Contractor and Well Technician Information

Business Name of Well Contractor George Downing Estate Milling Ltd.	Business Address (Street Number/Name, RR) 410 Rue Principale	Municipality Grenville Sur la Rouge	Province QC
Postal Code J0V 1B0	Business Telephone No. (inc. area code) 819 242 6469	Well Contractor's Licence No. 1844	Business E-mail Address downing@hawkgigs.net
Name of Well Technician (First Name, Last Name) Bruce Downing		Well Technician's Licence No. 2173	Date Submitted (yyyy/mm/dd) 2010/04/23
		Signature of Technician <i>Bruce Downing</i>	

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2010/03/01	Date Last Well in Cluster Constructed (yyyy/mm/dd) 2010/03/19
-----------------------------------------------------------------	------------------------------------------------------------------

Ministry Use Only

Date Received (yyyy/mm/dd) SEP 22 2010	Date Inspected (yyyy/mm/dd)
Audit No. C06200	Remarks M05580





Measurements recorded in:  Metric  Imperial

NIA

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address (Street Number/Name), Municipality, Province, Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³)

Method of Construction and Well Use checkboxes

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel), Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From, To

Results of Well Yield Testing table with columns: After test of well yield, water was, Draw Down, Recovery, Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

Map of Well Location section with handwritten note: See Map MW10-5

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information section with fields for Business Name, Address, Licence No., Signature, Date Submitted

Ministry Use Only section with fields for Audit No., Date Package Delivered, Date Work Completed, Well owner's information package delivered



N/A

Measurements recorded in: [x] Metric [ ] Imperial

Page \_\_\_ of \_\_\_

Well Owner's Information

First Name, Last Name / Organization (City of Ottawa), E-mail Address, Mailing Address (110 Laurier), Municipality (Ottawa), Province (ON), Postal Code (K1P1J1), Telephone No.

Well Location

Address of Well Location (1015 Bank St.), Township, Lot, Concession, City/Town/Village (Ottawa), Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number.

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Entry: N/A.

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed (m³/ft³). Entries: 0-0.31 bentonite chips, 0.31-2.13 bentonite slurry.

Method of Construction and Well Use checkboxes. Construction: Boring, Digging. Well Use: Commercial, Municipal, Dewatering.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material (PVC), Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Entry: 6.20 PVC, 390, Not Needed.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material (PVC), Slot No. (10), Depth (m/ft) From, To, Status of Well. Entry: 6.03 PVC, 10, Not Needed.

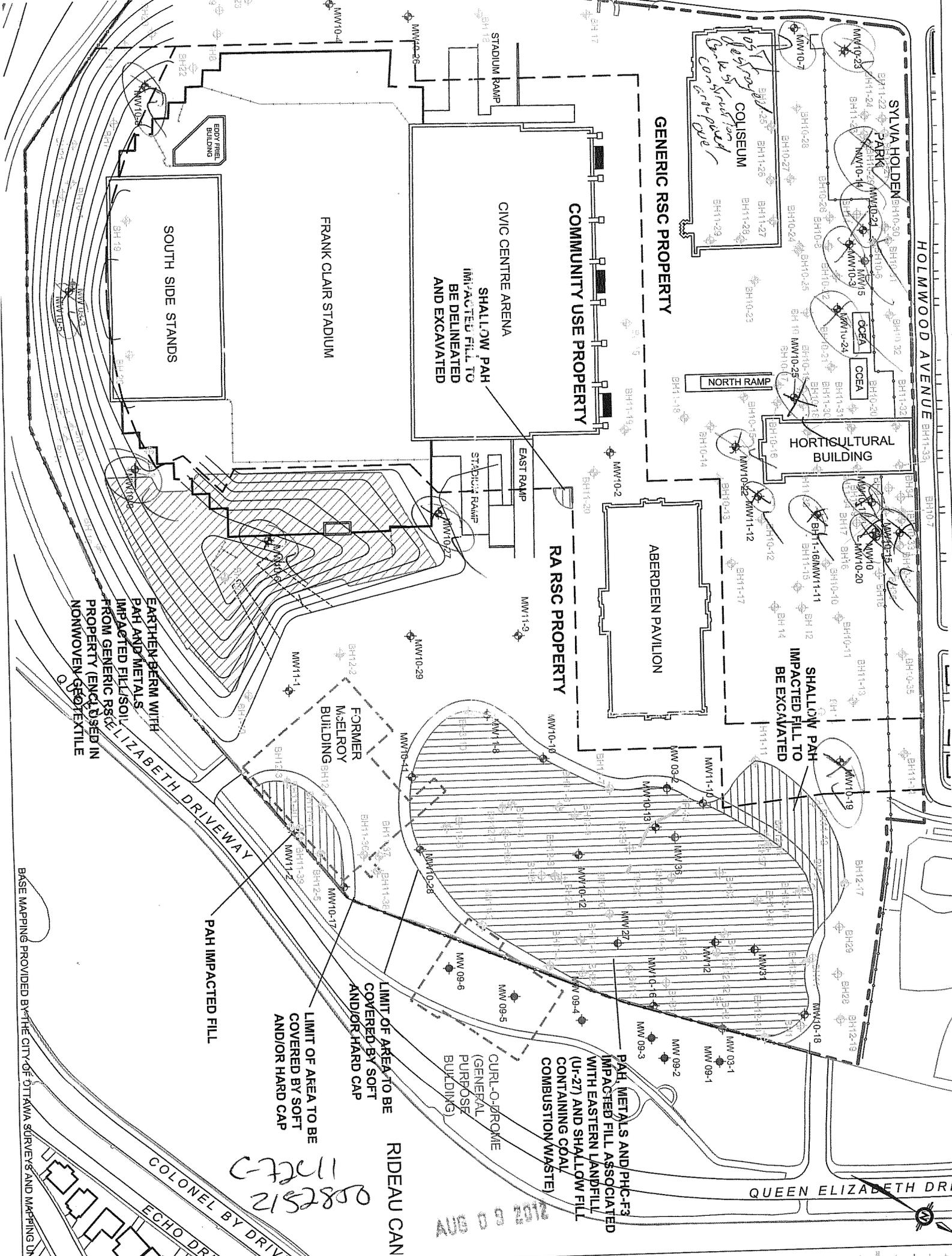
Water Details and Hole Diameter tables. Water found at Depth (m/ft), Kind of Water (Fresh, Untested, Gas, Other), Hole Diameter (Depth (m/ft) From, To, Diameter (cm/in)). Entry: 0-2.13, 11.43.

Well Contractor and Well Technician Information. Business Name: Strata Soil Sampling Inc., License No. 724, Address: 2-147 West Beaver Creek, Municipality: Richmond Hill, Province: ON, Postal Code: L4B1C6, Business E-mail: wrecords@stratasoil.ca, Technician: James McCoy, License No. 3656, Date Submitted: 20120622.

Results of Well Yield Testing table with columns: Draw Down (Time (min), Water Level (m/ft)), Recovery (Time (min), Water Level (m/ft)). Includes pumping rate, duration, and static level data.

Map of Well Location. Please provide a map below following instructions on the back. Entry: See Map MW10-8.

Ministry Use Only section. Audit No. Z152850, Date Work Completed: 20120620, Date Package Delivered: 20120620.



<p><b>amec</b></p> <p>PROJECT: LANSLOWNE PARK RISK ASSESSMENT 945-1015 BANK STREET OTTAWA, ONTARIO</p> <p>CLIENT: Ottawa</p> <p>DESIGNED BY: KDH DRAWN BY: MEM CHECKED BY: SJB DATE: MARCH 2012 SCALE: 1 : 1,600 PROJECT NO: TZ10100102 FIGURE NO: I-1</p>	<p>TITLE: RISK MANAGEMENT PLAN</p> <p>LEGEND:</p> <ul style="list-style-type: none"> <li>BOREHOLE (AMEC 2012)</li> <li>BOREHOLE / LFG PROBE (AMEC 2012)</li> <li>MONITORING WELL (AMEC 2011)</li> <li>BOREHOLE (AMEC 2011)</li> <li>ARCHAEOLOGY TRENCH (GOLDER 2011)</li> <li>MONITORING WELL (AMEC 2010)</li> <li>BOREHOLE (AMEC 2010)</li> <li>MONITORING WELL (PATERSON 2010)</li> <li>BOREHOLE (PATERSON 2010)</li> <li>MONITORING WELL (STATREC 2009)</li> <li>MONITORING WELL (PATERSON 2003)</li> <li>MONITORING WELL (PATERSON 1999)</li> <li>BOREHOLE (PATERSON 1999)</li> </ul> <p>SCALE: 0 20 40 60 METERS</p> <p>DATE: AUG 08 2012</p> <p>Handwritten: C-72011 2152880</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



File Number: D06-03-19-0168

November 29, 2019

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

*Sent via email [mwitteman@patersongroup.ca]*

Dear Ms. Witteman,

**Re: Information Request  
1050 & 160 Bank Street, Ottawa, Ontario (“Subject Properties”)**

**Internal Department Circulation**

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

- No information was returned on the Subject Properties 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 Properties.**

A search of the HLUI database revealed the following information:

- There is one (1) activity associated with the Subject Properties.

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

- There are 32 activities associated with properties located within 250m of the Subject Properties.

*Shaping our future together  
Ensemble, formons notre avenir*

City of Ottawa  
Planning, Infrastructure and Economic  
Development Department

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

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

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

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

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

Additional information may be obtained by contacting:

### **Ontario’s Environmental Registry**

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key 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 Properties. 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 Eric Steele at 613-580-2424 ext. 21690 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,



Eric Steele

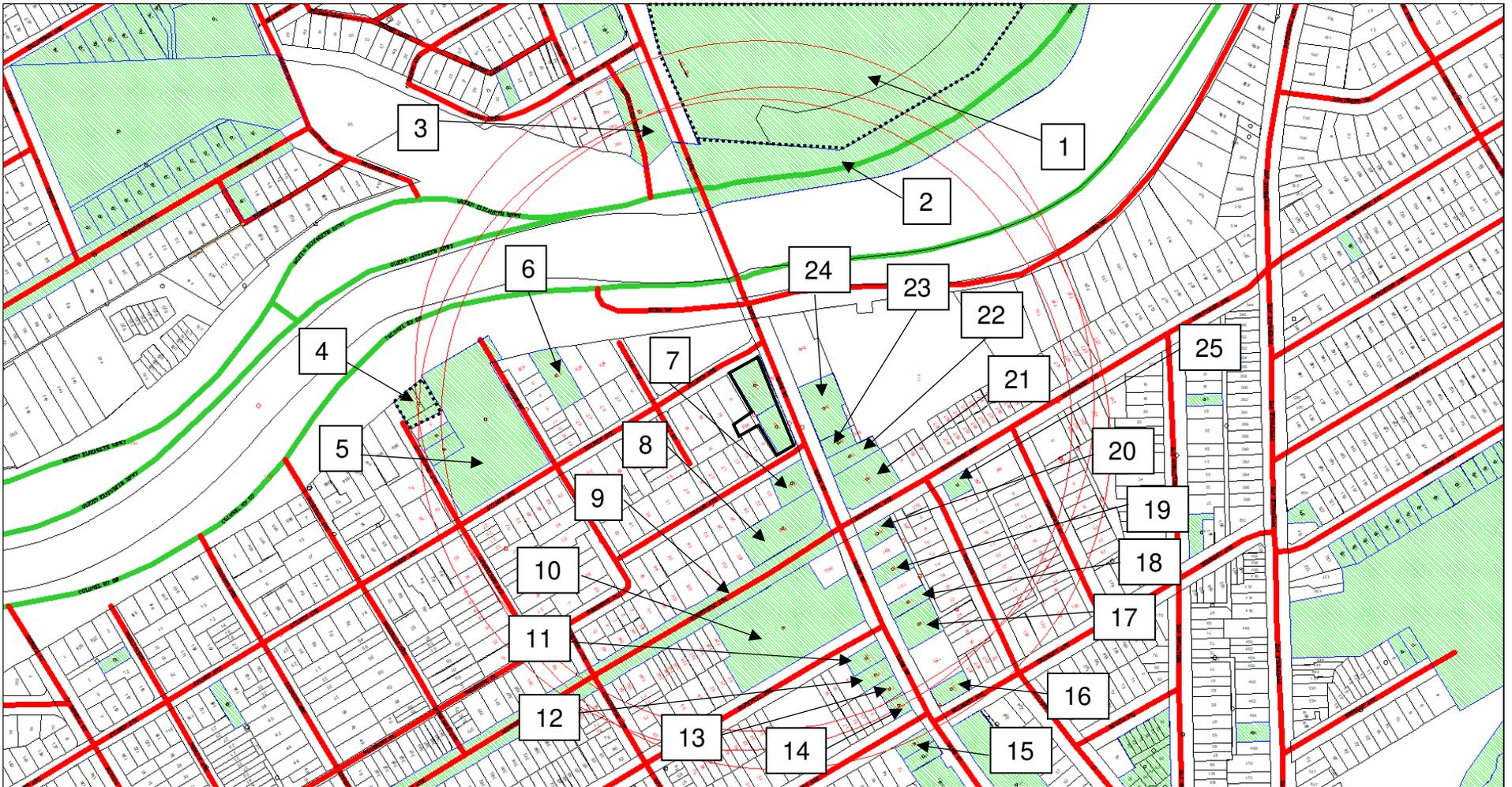
Per:

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

MB / ES

Enclosures.

cc: File no. D06-03-19-0168



Scale 1: n/a

1050 & 1060 Bank Street  
 Ottawa, ON  
 File # D06-03-19-0168  
 Eric Steele



Overview

ID# = Area Number

= Subject Site

<b>Area</b>	<b>Associated HLUI Activities</b>	<b>HLUI Activities with a PIN Certainty of "2" *</b>
Subject Property	1874	
1	14515, 3624	
2	14515	
3	1091	1091
4	14475	
5	11047	
6	9645	
7	10864	
8	11468, 6637, 8328	6637
9	14515	
10	6758	
11	2149, 4332	
12	10859, 5237	
13	530	
14	6770	
15	8540	
16	14405, 8628	
17	7476	
18	2395	
19	12707	
20	5743	
21	8041	
22	5988	
23	1115	
24	12546, 5381	
25	8531, 9819	

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

# Historical Land Use Inventory

Activity Numbers –

Subject Property/Properties





# Historical Land Use Inventory

Activity Numbers –

**Adjacent Properties**

# Historical Land Use Inventory

## Area #1 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_670IUQ

AREA (Square Metres): 160112.458

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:45:56

Study Year  
1998

PIN  
041390229

Multi-NAIC  
Y

Multiple Activities  
Y

Company Name

Year of Operation

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



CITY OF OTTAWA

HLUI ID: \_\_670IUQ

AREA (Square Metres): 160112.458

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:45:56

**Study Year**  
1998

**PIN**  
041390229

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

---

Unnamed Waste Disposal Site

c. 1966



# Historical Land Use Inventory

## Area #2 Activity Numbers



CITY OF OTTAWA  
 HLUI ID: \_\_670HMH

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:46:39

AREA (Square Metres): 109917.704

Study Year  
 1998

PIN  
 041310036

Multi-NAIC  
 Y

Multiple Activities  
 N

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

Related PINS: 041330051

Name: UNNAMED WASTE DISPOSAL SITE

Address: , OTTAWA

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

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

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1991-WDSI/WMB/MOE; RBE 1992; MC Staff, 19/02/99; 1922DMD-TM-Ottawa-Sheet #14,  
 1948DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of  
 Gloucester-File #8-400-Box 130;  
 HL References 2: City of Gloucester File # 6-79A: Subject-Health/Dumping -Box 75 -28/12/64; 1938-39-DND-ASE-NTS-31B/13W-2nd  
 ed., 1964-DND-MCE-NTS-31B/13-3rd ed., 1976-EMR-SMB-NTS-31B/13-4th ed., 1979-EMR-SMB-NTS-31B/13-5th  
 ed.  
 HL References 3:

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



CITY OF OTTAWA

HLUI ID: \_\_670HMH

AREA (Square Metres): 109917.704

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:46:39

Study Year  
1998

PIN  
041310036

Multi-NAIC  
Y

Multiple Activities  
N

**Company Name**

**Year of Operation**

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



CITY OF OTTAWA

HLUI ID: \_\_670HMH

AREA (Square Metres): 109917.704

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:46:39

**Study Year**  
1998

**PIN**  
041310036

**Multi-NAIC**  
Y

**Multiple Activities**  
N

---

Unnamed Waste Disposal Site

c. 1966

# Historical Land Use Inventory

## Area #3 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679GYR

AREA (Square Metres): 2293.806

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:47:22

Study Year  
1998

PIN  
041400230

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 1091 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 919

Related PINS: 041400213

Name: ALLADIN CLEANERS, DYERS AND TAILORS

Address: 1016 BANK STREET, OTTAWA

Facility Type: Laundries and Cleaners

Comments 1: Hair Salon at this location in 1950

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
812330	972
812310	972
561740	972
812320	972

Company Name

Year of Operation

Alladin Cleaners, Dyers and Tailors

# Historical Land Use Inventory

## Area #4 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679BAX**  
**AREA (Square Metres): 813.792**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:48:03

**Study Year**  
2005

**PIN**  
041430305

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 14475 **Multiple PINS:** N

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

**Related PINS:** 041430305

**Name:** WELLINGTON'S SILVERSMITHS

**Address:** 5 GROSVENOR AVENUE,

**Facility Type:** Other Repair Services

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

NAICS	SIC
811411	0
811490	0
811310	0
561791	0

**Company Name**

**Year of Operation**

WELLINGTON'S SILVERSMITHS

c. 2001

WELLINGTON'S SILVERSMITHS

c. 2005

# Historical Land Use Inventory

## Area #5 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679CA5

AREA (Square Metres): 287.601

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:48:30

Study Year  
1998

PIN  
041430656

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 11047

Multiple PINS: Y

PIN Certainty: 1

Previous Activity ID(s) : 637

Related PINS: 041430655

Name: PERLEY HOME NURSES RESIDENCES

Address: 43 AYLMER AVENUE, OTTAWA

Facility Type: Hospitals

Comments 1: Becomes Perley Hospital in 1973 Was a residence in 1920, 1910 The Perley Home for Incurables is listed @ #2 Barton St in 1940, 1950 UTM = 446200E, 5026850N (1967)

Comments 2:

Generator Number:

Storage Tanks: 1 Fuel Oil UST

HL References 1: M.1900- M.1980; SC98; FIP1901,vol2; FIP1922-154-1063,vol1; FIP1948-239-1063; FIP1956-239-1-1063,vol 2.1922-DMD-TM-Ottawa Sheet #14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31/5-7th ed., 1985-EMR-SMB-NTS-31/5-11th ed.

HL References 2:

HL References 3:

NAICS	SIC
622210	861
622310	861
622112	861
622111	861

Company Name

Perley Home Nurses Residences

Year of Operation

c. 1920-1998



CITY OF OTTAWA  
 HLUI ID: \_\_679D5K

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:49:05

AREA (Square Metres): 422.689

Study Year  
 1998

PIN  
 041430655

Multi-NAIC  
 Y

Multiple Activities  
 N

Activity ID: 11047 Multiple PINS: Y  
 PIN Certainty: 1 Previous Activity ID(s) : 637  
 Related PINS: 041430655

Name: PERLEY HOME NURSES RESIDENCES  
 Address: 43 AYLMER AVENUE, OTTAWA

Facility Type: Hospitals

Comments 1: Becomes Perley Hospital in 1973 Was a residence in 1920, 1910 The Perley Home for Incurables is listed @ #2 Barton St in 1940, 1950 UTM = 446200E, 5026850N (1967)

Comments 2:

Generator Number:

Storage Tanks: 1 Fuel Oil UST

HL References 1: M.1900- M.1980; SC98; FIP1901,vol2; FIP1922-154-1063,vol1; FIP1948-239-1063; FIP1956-239-1-1063,vol 2.1922-DMD-TM-Ottawa Sheet #14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31/5-7th ed., 1985-EMR-SMB-NTS-31/5-11th ed.

HL References 2:

HL References 3:

NAICS	SIC
622210	861
622310	861
622112	861
622111	861

Company Name

Perley Home Nurses Residences

Year of Operation

c. 1920-1998



CITY OF OTTAWA  
 HLUI ID: \_\_670HGA

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:49:30

AREA (Square Metres): 7320.759

Study Year  
 1998

PIN  
 041430657

Multi-NAIC  
 Y

Multiple Activities  
 N

Activity ID: 11047 Multiple PINS: Y  
 PIN Certainty: 1 Previous Activity ID(s) : 637  
 Related PINS: 041430655

Name: PERLEY HOME NURSES RESIDENCES  
 Address: 43 AYLMER AVENUE, OTTAWA

Facility Type: Hospitals

Comments 1: Becomes Perley Hospital in 1973 Was a residence in 1920, 1910 The Perley Home for Incurables is listed @ #2 Barton St in 1940, 1950 UTM = 446200E, 5026850N (1967)

Comments 2:

Generator Number:

Storage Tanks: 1 Fuel Oil UST

HL References 1: M.1900- M.1980; SC98; FIP1901,vol2; FIP1922-154-1063,vol1; FIP1948-239-1063; FIP1956-239-1-1063,vol 2.1922-DMD-TM-Ottawa Sheet #14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31/5-7th ed., 1985-EMR-SMB-NTS-31/5-11th ed.

HL References 2:

HL References 3:

NAICS	SIC
622210	861
622310	861
622112	861
622111	861

Company Name

Perley Home Nurses Residences

Year of Operation

c. 1920-1998

# Historical Land Use Inventory

## Area #6 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_6790KO**

**AREA (Square Metres): 988.184**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:52:33

**Study Year**  
2005

**PIN**  
041430315

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 9645 **Multiple PINS:** N

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

**Related PINS:** 041430315

**Name:** NDHQ KIOSK

**Address:** 101 COLONEL BY DRIVE, OTTAWA

**Facility Type:** Defence Services

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

<b>NAICS</b>	<b>SIC</b>
911110	0

**Company Name**

NDHQ KIOSK

**Year of Operation**

c. 2001

# Historical Land Use Inventory

## Area #7 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679E8Q**  
**AREA (Square Metres): 743.009**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:53:01

**Study Year**  
1998

**PIN**  
041430343

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10864                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 650  
**Related PINS:** 041430343  
**Name:** PARKER'S CLEANERS AND DYERS LIMITED  
**Address:** 1072 BANK STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**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
812330	972
561740	972
812320	972
812310	972

Company Name	Year of Operation
Parker's Cleaners and Dyers Ltd.	c. 1940

# Historical Land Use Inventory

## Area #8 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679FZV

AREA (Square Metres): 2026.288

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:53:42

Study Year  
1998

PIN  
041430502

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 11468 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 041430502

Name: PIONEER PETROLEUM

Address: 1080 BANK STREET,

Facility Type: Gasoline Service Stations

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
447190	0
447110	0

Company Name	Year of Operation
PIONEER PETROLEUM	c. 2005
PIONEER PETROLEUM	c. 2001



CITY OF OTTAWA

HLUI ID: \_\_679FZV

AREA (Square Metres): 2026.288

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:53:42

Study Year  
1998

PIN  
041430502

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6637 Multiple PINS: N  
PIN Certainty: 2 Previous Activity ID(s) : 2404

Related PINS: 041430502

Name: GREG FIELD SHELL OIL STATION

Address: 1080 BANK STREET, OTTAWA

Facility Type: Motor Vehicle Repair Shops

Comments 1: 1997 - no listing @ 1080 Bank

Comments 2:

Generator Number:

Storage Tanks: Two (2) USTs (gasoline) in FIP1956-239-1-1107,Vol.2.

HL References 1: M.1960, M.1963, M.1970, M.1980, M.1990, M.1997; FIP1901-156-1107,vol1; FIP1912-156-1107,vol2; FIP1922-156-1107,vol2; FIP1948-239-1107,vol2; FIP1948-239-1096,vol2; FIP1956-239-1-1107,vol2; FIP1956-239-2-1096,vol2.

HL References 2:

HL References 3:

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

Company Name

Year of Operation

Sunys Petroleum Inc. Gas Bar

c. 1998

T. & P. Shell

c. 1990

Greg Field Shell Oil Station

c. 1956-1970



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FZV**  
**AREA (Square Metres): 2026.288**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:53:42

**Study Year**  
1998

**PIN**  
041430502

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8328 **Multiple PINS:** N

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

**Related PINS:** 041430502

**Name:** MAGIC TOUCH HOUSEKEEPING & SVC

**Address:** 297 SUNNYSIDE AVENUE,

**Facility Type:** Service Industries Incidental to Air Transport

**Comments 1:** #1

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

NAICS	SIC
561722	0
561799	0

**Company Name**

MAGIC TOUCH HOUSEKEEPING & SVC

**Year of Operation**

c. 2005

# Historical Land Use Inventory

## Area #9 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_670INL

AREA (Square Metres): 16323.520

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:54:37

Study Year  
1998

PIN  
041430503

Multi-NAIC  
Y

Multiple Activities  
N

Company Name

Year of Operation

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



CITY OF OTTAWA

HLUI ID: \_\_670INL

AREA (Square Metres): 16323.520

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:54:37

**Study Year**  
1998

**PIN**  
041430503

**Multi-NAIC**  
Y

**Multiple Activities**  
N

---

Unnamed Waste Disposal Site

c. 1966

# Historical Land Use Inventory

## Area #10 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679BM1**  
**AREA (Square Metres): 6591.644**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:55:23

**Study Year**  
2005

**PIN**  
041440524

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 6758 **Multiple PINS:** N

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

**Related PINS:** 041440524

**Name:** HOPEWELL AVENUE SCHOOL

**Address:** 17 HOPEWELL AVENUE, OTTAWA

**Facility Type:** Elementary and Secondary Education

**Comments 1:** Hopewell Avenue Public School

**Comments 2:**

**Generator Number:** ON4765316

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2003 PID

**NAICS**      **SIC**  
611110      0

**Company Name**

**Year of Operation**

HOPEWELL AVENUE SCHOOL

c. 2003

HOPEWELL AVENUE SCHOOL

c. 2005

# Historical Land Use Inventory

## Area #11 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679D9P

AREA (Square Metres): 452.400

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:56:14

Study Year  
1998

PIN  
041440332

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2149 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 2541

Related PINS: 041440332

Name: BREN'S UPHOLSTERY  
Address: 1130 BANK STREET, OTTAWA  
Facility Type: Household Furniture Stores  
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  
442110 621

Company Name

Bren's Upholstery

Year of Operation

c. 1980



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D9P**  
**AREA (Square Metres): 452.400**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:56:14

**Study Year**  
1998

**PIN**  
041440332

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4332 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 6875

**Related PINS:** 041440332

**Name:** DAVID BERMAN (OUT OF BUSINESS)

**Address:** 2 HOPEWELL AVENUE, OTTAWA

**Facility Type:** Commercial Printing Industries

**Comments 1:** Generator #ON0861500 (waste generator)

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** PID1994

**HL References 2:**

**HL References 3:**

NAICS	SIC
323115	281
323114	281
323116	281
323119	281

**Company Name**

David Berman (Out of Business)

**Year of Operation**

c. 1994

# Historical Land Use Inventory

## Area #12 Activity Numbers





**CITY OF OTTAWA**  
**HLUI ID: \_\_679D5D**  
**AREA (Square Metres): 430.622**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 13:57:26

**Study Year**  
1998

**PIN**  
041440333

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 5237 **Multiple PINS:** N

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

**Related PINS:** 041440333

**Name:** ELITE DRAPERIES OF OTTAWA LIMITED  
**Address:** 1134 BANK STREET, OTTAWA  
**Facility Type:** Other Machinery, Equipment and Supplies, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

<b>NAICS</b>	<b>SIC</b>
811420	0

**Company Name**

ELITE DRAPERIES OF OTTAWA LIMITED

**Year of Operation**

c. 2001

# Historical Land Use Inventory

## Area #13 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_67900P**  
**AREA (Square Metres): 259.719**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 13:59:17

**Study Year**  
2005

**PIN**  
041440334

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 530 **Multiple PINS:** N

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

**Related PINS:** 041440334

**Name:** ADAMYK JANINE DESIGNS  
**Address:** 1142 BANK STREET, OTTAWA  
**Facility Type:** Women's Clothing Industries  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

<b>NAICS</b>	<b>SIC</b>
315233	0

**Company Name**

ADAMYK JANINE DESIGNS

**Year of Operation**

c. 2001

# Historical Land Use Inventory

## Area #14 Activity Numbers



# Historical Land Use Inventory

## Area #15 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679DSJ

AREA (Square Metres): 352.326

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:00:42

Study Year  
1998

PIN  
041440393

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 8540 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 3506

Related PINS: 041440393

Name: LEWIS MOTORS  
Address: 1158 BANK STREET, OTTAWA  
Facility Type: Motor Vehicle Repair Shops  
Comments 1:  
Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1970

HL References 2:

HL References 3:

NAICS	SIC
811121	635
811119	635
811112	635

Company Name

Lewis Motors

Year of Operation

c. 1970

# Historical Land Use Inventory

## Area #16 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679DG6**

**AREA (Square Metres): 493.363**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:01:09

**Study Year**  
1998

**PIN**  
041300008

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 14405 **Multiple PINS:** N

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

**Related PINS:** 041300008

**Name:** TRILLIUM BAKERY LIMITED

**Address:** 209 BELMONT AVENUE,

**Facility Type:** Fruit and Vegetable Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

NAICS	SIC
311830	0
311990	0

**Company Name**

TRILLIUM BAKERY LIMITED

**Year of Operation**

c. 2005



# Historical Land Use Inventory

## Area #17 Activity Numbers



# Historical Land Use Inventory

## Area #18 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679BYK

AREA (Square Metres): 402.474

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:05:07

Study Year  
2005

PIN  
041300005

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 2395 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 041300005

Name: CASA LUNA FURNITURE ACCESSORIES LIMITED

Address: 1115 BANK STREET, OTTAWA

Facility Type: Household Furniture Stores

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC  
442110 0

Company Name

CASA LUNA FURNITURE ACCESSORIES LIMITED

Year of Operation

c. 2001

# Historical Land Use Inventory

## Area #19 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679DE3**  
**AREA (Square Metres): 478.814**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 14:05:58

**Study Year**  
1998

**PIN**  
041300003

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 12707                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 1835  
**Related PINS:** 041300003

**Name:** SPIC AND SPAN CLEANERS  
**Address:** 1103 BANK STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**Comments 1:**  
**Comments 2:**

**Generator Number:**  
**Storage Tanks:**

**HL References 1:** M.1949, M.1954, M.1957, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-156-1099B, Vol2; FIP1922-156-1099, Vol2; FIP-239-1099B; FIP1956-240-1099B

**HL References 2:**  
**HL References 3:**

NAICS	SIC
812330	972
812310	972
561740	972
812320	972

Company Name	Year of Operation
Spic and Span Cleaners	c. 1970-1980
The Oriental Rug Cleaners	c. 1948

# Historical Land Use Inventory

## Area #20 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679D0E**

**AREA (Square Metres): 459.401**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:06:27

**Study Year**  
1998

**PIN**  
041300001

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 5743 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 911

**Related PINS:** 041300001

**Name:** GERVIN JAS D. PLUMBER AND TINSMITH

**Address:** 1095 BANK STREET, OTTAWA

**Facility Type:** Plumbing, Heating and Air Conditioning, Mechanical 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:**

<b>NAICS</b>	<b>SIC</b>
238220	424

**Company Name**

Gervin Jas D. Plumber and Tinsmith

**Year of Operation**

c. 1940-1950

# Historical Land Use Inventory

## Area #21 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_6790E5**  
**AREA (Square Metres): 1381.183**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 14:07:16

**Study Year**  
2005

**PIN**  
041310039

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 8041 **Multiple PINS:** N

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

**Related PINS:** 041310039

**Name:** LANSDOWNNE ANIMAL HOSPITAL

**Address:** 281 SUNNYSIDE AVENUE, OTTAWA

**Facility Type:** Services Incidental to Livestock and Animal Specialties

**Comments 1:**

**Comments 2:**

**Generator Number:** ON7523323

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2003 PID

**NAICS**      **SIC**  
541940      0

**Company Name**

**Year of Operation**

LANSDOWNNE ANIMAL HOSPITAL

c. 2001

LANSDOWNNE ANIMAL HOSPITAL

c. 2003

# Historical Land Use Inventory

## Area #22 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679BPA**

**AREA (Square Metres): 560.219**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:07:44

**Study Year**  
2005

**PIN**  
041310004

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 5988 **Multiple PINS:** N

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

**Related PINS:** 041310004

**Name:** FULL CYCLE

**Address:** 1073 BANK STREET, OTTAWA

**Facility Type:** Paint and Varnish Industry

**Comments 1:**

**Comments 2:**

**Generator Number:** ON1832201

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2000 PID

<b>NAICS</b>	<b>SIC</b>
325510	0

**Company Name**

FULL CYCLE

**Year of Operation**

c. 2000

# Historical Land Use Inventory

## Area #23 Activity Numbers



# Historical Land Use Inventory

## Area #24 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FMK**  
**AREA (Square Metres): 1308.789**

Report: RPTC\_OT\_DEV0122  
 Run On: 22 Nov 2019 at: 14:08:51

**Study Year**  
1998

**PIN**  
041310002

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 12546 **Multiple PINS:** N

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

**Related PINS:** 041310002

**Name:** SPECIALIST

**Address:** 1063 BANK STREET,

**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

<b>NAICS</b>	<b>SIC</b>
811111	0

**Company Name**

SPECIALIST

**Year of Operation**

c. 2005



# Historical Land Use Inventory

## Area #25 Activity Numbers





**CITY OF OTTAWA**  
**HLUI ID: \_\_679DJZ**  
**AREA (Square Metres): 320.747**

Report: RPTC\_OT\_DEV0122

Run On: 22 Nov 2019 at: 14:09:51

**Study Year**  
1998

**PIN**  
041300066

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9819 **Multiple PINS:** N

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

**Related PINS:** 041300066

**Name:** NIELSEN & BAINBRIDGE

**Address:** 3 WILLARD STREET, OTTAWA

**Facility Type:** Leather and Allied Products Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

<b>NAICS</b>	<b>SIC</b>
321999	0

**Company Name**

NIELSEN & BAINBRIDGE

**Year of Operation**

c. 2001

## Mandy Witteman

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** October-25-19 9:10 AM  
**To:** Mandy Witteman  
**Subject:** RE: Search Records Request (PE478X)

### Records Found

Hello,

Thank you for your request for confirmation of public information.

- We confirm the following **fuel storage tanks records** in our database at the subject address(es).

Inst Number	Context	Address	City	Province	Postal Code	Status
9459006	FS GASOLINE STATION - FULL SERVE	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
9464666	FS GASOLINE STATION - FULL SERVE	1080 BANK ST	OTTAWA	ON	K1S 3X3	EXPIRED
10113045	FS PROPANE CYLR HANDLING FACILITY	1080 BANK ST	OTTAWA	ON	K1S 3X3	EXPIRED
11430280	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899668	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899690	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899709	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899724	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899741	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
10899762	FS Liquid Fuel Tank	1080 BANK ST	OTTAWA	ON	K1S 3X3	EXPIRED
10899779	FS Liquid Fuel Tank	1080 BANK ST	OTTAWA	ON	K1S 3X3	EXPIRED
11254036	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
11254047	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
11254054	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED
11254065	FS Liquid Fuel Tank	1063 BANK ST	OTTAWA	ON	K1S 3W9	EXPIRED

For a further search in our archives please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to [publicinformation@tssa.org](mailto:publicinformation@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Kind regards,

Gaya

---

**From:** Mandy Witteman <MWitteman@Patersongroup.ca>  
**Sent:** October 24, 2019 4:30 PM  
**To:** Public Information Services <publicinformation@tssa.org>  
**Subject:** Search Records Request (PE478X)

Good Afternoon

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

**Bank Street: 1050, 1060, 1049, 1063, 1065, 1071, 1075, 1070, 1080, 1040**

Thank you.

Cheers,

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

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**solution oriented engineering**  
**over 60 years servicing our clients**

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Tel: (613) 226-7381 Ext. 339  
Cell: (403) 921-1157

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# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**

## POSITION

Intermediate Environmental Engineer

## EDUCATION

Carleton University  
M.A.Sc., Environmental Engineering, 2013  
B.Eng., Environmental Engineering, 2008

## MEMBERSHIPS & AWARDS

Ontario Professional Engineers Association (EIT)  
NSERC Industry R&D Scholarship

## EXPERIENCE

*2018 – Present*

**Paterson Group Inc.**

Consulting Engineers  
Geotechnical and Environmental Division  
Environmental Engineer

*2014 – 2015*

**Thurber Engineering Limited**

Oil Sand Tailings Group  
Tailings Engineer

*2009 – 2014*

**Carleton University**

Department of Civil & Environmental Engineering  
Research Engineer, Research Assistant & Teaching Assistant

*2008 – 2009*

**SLR Consulting Limited**

Contaminated Sites  
Junior Environmental Engineer

## SELECTED LIST OF PROJECTS

Phase I & II Environmental Site Assessments – NRC, Kingston  
Remediation – National Capital Region, Saskatchewan  
Multi-lift and dry-stacking pilot programs – Northern Alberta  
Polymer amended oil sand tailings – Northern Alberta  
Hydraulic cut-off wall – Allen, Saskatchewan  
Cemented paste backfill systems – Northern Ontario

**POSITION**

Intermediate Environmental Engineer

**EDUCATION**

Carleton University, B.Eng. 2002  
Environmental Engineering

**MEMBERSHIPS AND AWARDS**

Professional Engineers of Ontario  
Ottawa Geotechnical Society

**EXPERIENCE**

*2011-present*

**Paterson Group Inc.**  
Consulting Engineers  
Geotechnical and Environmental Division  
Intermediate Engineer

*2009-2010*

**Department of Indian and Northern Affairs**  
Contaminated Sites Division  
Environment Officer (PC-02)

*2003 to 2009*

**Paterson Group Inc.**  
Consulting Engineers  
Geotechnical and Environmental Division  
Intermediate Engineer

*2002 to 2003*

**Dessau Soprin Inc.**  
Consulting Engineers  
Environmental Division  
Junior Engineer

**SELECT LIST OF PROJECTS**

Billings-Hurdman Interconnect Watermain - Ottawa  
Telus Building Remediation - Ottawa  
Block D Lands Remediation and Redevelopment – Kingston  
Alcan Plant Redevelopment - Kingston  
Gladstone Avenue Reconstruction - Ottawa  
Lees Avenue Coal Tar Site - City of Ottawa  
Nortel Networks Environmental Monitoring Program  
3W Zone Feedermain – Ottawa  
Bank Street Reconstruction – Ottawa  
Lees Avenue Remediation Program – Ottawa  
Colonnade Road North Development – Ottawa  
Montreal Road Reconstruction – Ottawa  
Designated Substance Surveys – Residential and Commercial Sites - Ottawa  
Phase I & II Environmental Site Assessments – Residential, Commercial and Industrial Sites – Ottawa (CSA Z768-01 and O.Reg 269/11)  
Brownfields Applications and Records of Site Condition – Residential and Commercial Redevelopment

**Environmental  
Engineering**

**Geotechnical  
Engineering**

**Materials Testing  
Quality Control**

**Building Sciences**

**Hydrogeology**

**Archeological Services**