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**Phase I Environmental Site Assessment**

2 Robinson Avenue  
Ottawa, Ontario

Prepared For

Place Dorée Real Estate Holdings Inc.

September 4, 2020

Report: PE4528-1

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## TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I PROPERTY INFORMATION.....	2
3.0 SCOPE OF INVESTIGATION .....	3
4.0 RECORDS REVIEW .....	4
4.1 General.....	4
4.2 Environmental Source Information .....	8
4.3 Physical Setting Sources .....	13
5.0 INTERVIEWS .....	16
6.0 SITE RECONNAISSANCE.....	16
6.1 General Requirements.....	16
6.2 Specific Observations at Phase I Property .....	16
7.0 REVIEW AND EVALUATION OF INFORMATION .....	19
7.1 Land Use History .....	19
7.2 Conceptual Site Model.....	23
8.0 CONCLUSIONS .....	25
9.0 STATEMENT OF LIMITATIONS .....	27
10.0 REFERENCES .....	28

### List of Figures

- Figure 1 - Key Plan
- Figure 2 - Topographic Map
- Drawing PE4528-1 - Site Plan
- Drawing PE4528-2 - Surrounding Land Use Plan

### List of Appendices

- Appendix 1   Plan of Survey
  - Chain of Title
  - Aerial Photographs
  - Site Photographs
- Appendix 2   MECP Freedom of Information Search
  - TSSA Correspondence
  - City of Ottawa Historical Land Use Inventory Search
  - MECP Well Records
- Appendix 3   Qualifications of Assessors

## EXECUTIVE SUMMARY

### Assessment

Paterson Group was retained by Place Doreé Real Estate Holdings Inc. to conduct a Phase I Environmental Site Assessment (ESA) for the property addressed 2 Robinson Avenue, in the City of Ottawa. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and Phase I ESA Study Area and to identify any environmental concerns with the potential to have impacted the subject land.

Six (6) PCAs resulting in APECs were identified on the subject site through the historical investigation. The results of the historical research indicated that the Phase I Property was first developed circa 1950 as railway lines and a roadway. A light industrial facility was located immediately west of the subject site, with some associated buildings located within the western boundary. Two (2) underground storage tanks (USTs) were identified in the TSSA search. Hurdman Road had also previously intersected the central portion of the subject site resulting in a PCA. A previous Phase II-ESA report conducted for the subject site identified the presence of BTEX, PHC, Metals and PAH contaminated fill on site. The presence of the impacted fill material and the historical uses of the subject site as well as the identified USTs are considered PCAs which result in APECs.

Historical research indicated that seven (7) historical off-site PCAs exist within the Phase I study area which include a gas plant, oil services, dry cleaners, light industrial buildings, petroleum wholesale, an automotive service garage, and railway station and freight sheds. Based on previous environmental reports, the separation distances, and the cross- or down-gradient locations between the PCAs and the subject site, they are not considered to represent APECs.

Following the historical research, an inspection of the subject site and the surrounding properties was conducted. The subject site is currently occupied by a vacant two-storey cultural building. An electrical transformer was located to the southeast of the subject building. The presence of the electrical transformer is considered to be a potentially contaminating activity and represents an area of potential environmental concern for the subject site.

**Based on the results of the Phase I ESA, in our opinion, a Phase II Environmental Site Assessment is required and has been completed for the subject site.**

## **Recommendations**

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

Based on the historical land use, the Phase I Property was considered commercial as defined by O.Reg. 153/04 and as such, a Record of Site Condition (RSC) is required as there will be change in land use of the Phase I Property to a more sensitive land use (residential).

## 1.0 INTRODUCTION

At the request of Place Dorée Real Estate Holding Inc., Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for 2 Robinson Avenue, in the City of Ottawa, Ontario. 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 property.

Paterson was engaged to conduct this Phase I ESA by Mr. Mike Marcella of Place Doreé Real Estate Holdings Inc. The offices of Place Doreé Real Estate Holdings Inc are located at 88 Albert Street, Ottawa Ontario. Mr. Marcella can be reached by telephone at 343-550-9661.

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

This Phase I-ESA report has been prepared in general accordance with Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act) and 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:	2 Robinson, Avenue, Ontario.
Legal Description:	Part of Lot F, Concession D, Geographic Township of Nepean, City of Ottawa
Property Identification Numbers:	04204-0243,04204-0245,04204-0267, 04204 0270
Location:	The Phase I Property is located on the north side of Lees Avenue at the intersection of Robinson Avenue, in Ottawa, Ontario
Latitude and Longitude:	45° 25' 07" N, 75° 40' 20" W
<b>Site Description:</b>	
Configuration:	Irregular (approximate)
Site Area:	22,945 m <sup>2</sup> (approximate)
Zoning:	TD2 – Transit Oriented Development Zone.
Current Use:	The property is occupied by a vacant two storey cultural centre with no basement level.
Services:	The subject site 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 Ontario Regulation 269/11 amending O.Reg. 153/04 made 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 ESA 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 site.

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

Based on the city directories, it is our interpretation that the Phase-I property was developed circa 1950 with railroad tracks and spurs. The western edge of the property was used in conjunction with a light industrial facility located on the adjacent lot to the west.

#### **Fire Insurance Plans**

Fire Insurance Plans (FIPs) from 1888 (updated in 1901) and 1956 were reviewed for the Phase I Property and Phase I study area.

The Phase I property was represented on FIPs in 1956 (sheets 217-3 and 4, 218-3, 234 -1 and 2 and 235-1). The 1956 FIP indicated that the property consisted of railway lines from the New York Central Railway and Canadian National Railways and was intersected by Hurdman Road. At this time, the subject site was also being used for the stockpiling of coal. The former uses of the subject site are considered to be potentially contaminating activities and therefore represent areas of potential environmental concern.

Surrounding properties along Mann Avenue, Hurdman Road and Lees Avenue were primarily used for commercial, residential, and light industrial purposes.

Six underground storage tanks (USTs) and three above ground fuel tanks (ASTs) were located at 30 Mann Avenue on sheet 235-1(1956). The tanks belonged to Cities Services Oil Co. LTD and were approximately 150 m north of the subject site.



Based on their separation distances and their cross-gradient location with respect to the subject site, the storage tanks and associated activities with the property are not considered to have had the potential to impact the subject site.

**City of Ottawa Street Directories**

City directories for the area of the subject site were reviewed from 1896 to 2011 at approximate 10-year intervals. Based on the city directories, the present-day cultural building has occupied the site since circa 1990.

Based on conversations with the present-day property owner’s representative, the property was previously used as an Iranian cultural center from the early 1990s until now and a coal storage yard in the 1950s.

Historically, surrounding properties have generally been used for residential, commercial, and industrial purposes. Based on the historical information reviewed from the National Archives, six (6) potential environmental concerns were identified regarding surrounding properties and have been summarized in Table 1 below.

<b>Table 1: City Directories – Surrounding Potentially Contaminating Activities</b>			
<b>Address</b>	<b>Listed Activity (years listed)</b>	<b>Approximate Distance / Orientation from site</b>	<b>Potential Environmental Concern (Y / N)</b>
Hurdman Road			
Hurdman N	Railway Station and Freight Sheds (1920-1961)	100m SW	N
Hurdman N	Dominion Reinforcing Steel, Green AP Fibre, Husmith Waterproofing and Paving and Ideal Roofing Co. Sheet Metal Products	100m SE	N
Mann Avenue			
35 Mann	Dolan Jos and Sons (Petroleum Products and Wholesale)/Mahoney and Rich Garage	230m NW	N
20A Mann	Cities Services Oil Co.	50m W	N
99 Mann	Sandy Hill Cleaners	244m N	N

## **Chain of Title**

Paterson requested a current land titles for the properties constituting the subject site with Read Abstracts Limited of Ottawa, Ontario. The records review was requested back to the first registered landowner. The first documented ownership was dated in 1876 and the use of the property at this time was not documented. The land was primarily used in conjunction with the railway and ownership was transferred from the New York Railway Company to the National Capital Commission. The Fatima Cultural Activities Inc. purchased the property in 1998 and was later sold to the Mobin Foundation in 2001 who owned the property until 2019. No additional PCAs were identified through an analysis of the Chain of Title document.

## **Plan of Survey**

A survey plan prepared by Annis, O’Sullivan, Vollebekk Ltd. and dated July 16, 2018, was reviewed as part of this assessment. The survey plan shows the Phase I Property in its current configuration, with the existing two-storey building.

## **Environmental Reports**

A review of the following reports was conducted as a part of this assessment:

- “Phase I - Environmental Site Assessment, 2 Robinson Ave, Ottawa, Ontario”, prepared by Pinchin, dated July 2018.
- “Phase II - Environmental Site Assessment, 2 Robinson Ave, Ottawa, Ontario”, prepared by Pinchin, dated September 2018.
- “Phase II – Environmental Site Assessment, 2 Robinson Ave, Ottawa Ontario” prepared by Paterson Group dated March 2019.

Pinchin conducted a Phase I-Environmental Site Assessment (ESA) of 2 Robinson Avenue in the City of Ottawa, Ontario. A Phase II – ESA was recommended and conducted on the subject site to assess potential soil and groundwater impacts from the former use of the subject site as well as to assess the potential impacts from the adjacent property, a former light industrial facility. Two on site PCAs as well as one off site PCA resulted in APECs for the subject site. The on-site PCA was a result of two inactive 9100 L USTs located on the western portion of the site. The two offsite PCAs resulted from a light industrial facility located west of the subject site and a coal storage yard located east of the subject site.

Pinchin also completed a Phase II – ESA on the subject property in September of 2018. The Phase II – ESA was completed to assess the APECs addressed in their initial Phase I – ESA. No impacted groundwater was identified at the time of the assessment, but laboratory analysis of the soil samples confirmed PAH and PHCs (F<sub>4</sub> Gravimetric) impacts across the central portion of the subject site. It was concluded that the identified exceedances are likely due to the importation of fill material of unknown quality.

Paterson Group conducted a Phase II - ESA on the subject property in March of 2019. The Phase II – ESA was completed to assess potentially contaminating activities identified during the Pinchin Phase I – ESA and additional historical research.

Twelve (12) boreholes, six of which were equipped with a groundwater monitoring well, were placed on the subject property on February 7<sup>th</sup>, 12<sup>th</sup>, 14<sup>th</sup> and 15<sup>th</sup>, 2019.

Non-inert material (coal) in the lower most fill layer was noted in the soil samples obtained from BH1, BH2A, BH3, BH4, BH5, respectively (BH1-AU1 and BH2-AU1).

Soil samples were submitted for benzene, toluene, ethylbenzene, and xylenes (BTEX), Metals, petroleum hydrocarbons (PHCs, F<sub>1</sub> – F<sub>4</sub>) and polycyclic aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs) analysis. BTEX, PHC, Metals and PAH parameters exceeding the MECP Table 3 Standards were identified in the fill to the east and west of the building.

PAHs impacts were identified within the soil beneath the existing pavement structure on site.

Groundwater samples were recovered from each of the monitoring wells installed in BH2A, BH4, BH6, BH10, BH11 and BH12, in February from the 7<sup>th</sup> to the 15<sup>th</sup>. All of the groundwater samples were submitted for BTEX, PHCs, PAHs, VOCs and Metals analysis. No impacted groundwater was identified on the subject site.

It was determined that the presence of the impacted fill poses an environmental risk to property and as a result, it will be necessary to remediate this material for the future intended use of the land. It was recommended that the most practical time to remediate this fill would be in conjunction with the redevelopment of the land, once all of the building structures have been removed and the most economical method of remediation was considered to be an excavation and off-site disposal program (where the impacted fill is disposed of at an approved waste disposal facility).

An asbestos survey of the subject structure should be completed in accordance with Ontario Regulation 278/05, particularly if any renovation/demolition work is to be carried out on the building.

## **4.2 Environmental Source Information**

### **Environment Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically in August 2019. The subject site and adjacent properties were not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

### **PCB Inventory**

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

### **Ontario Ministry of Environment Conservation and Parks (MECP)**

A request was submitted to the MECP Freedom of Information 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 Phase I Property. Based on the MECP response dated August 28, 2019, no records were identified. A copy of the MECP response is provided in Appendix 2.

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

The MECP document titled “Municipal Coal Gasification Plant Site Inventory, 1991” was reviewed to reference the locations of former plants with respect to the site. No coal gasification plants were identified within the Phase I Study Area.

### **MECP Incident Reports**

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. Based on the MECP response dated August 28, 2019, no waste management records were identified. A copy of the MECP response is provided in Appendix 2.

### **MECP Waste Management Records**

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. Based on the MECP response dated August 28, 2019, a Generator Registration Report was submitted on December 22, 1988 for the subject property. The waste classes selected for the waste generator were 252L, 221L and 213L under schedule A. These classes cover used lubricating and hydraulic oils (252L), mixed gasoline and diesel fuel (221L) and naphtha petroleum (213L).

### **MECP Submissions**

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions have been submitted to the MECP. The MECP responded by identifying a Generator Registration number that was assigned to the property in 1988. Associated environmental concerns with the waste generation are used lubricating and hydraulic oils, mixed gasoline and diesel fuel and naphtha petroleum.

### **MECP Record of Site Condition (RSC)**

A search of the MECP Record of Site Condition database was conducted for properties within the Phase I Study Area. No Records of Site Condition (RSCs) have been filed for the Phase I Property. One RSC (No. 222928) was identified within the Phase I – Study Area. The RSC was submitted for 45 Mann Avenue. Based on the separation distance and the information in the database, this property is not considered to pose a concern to the Phase I Property.

### **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields environmental site registry was conducted electronically on August 20, 2019. The subject site and neighbouring properties were not listed in the MECP site registry.

### **MECP Waste Disposal Site Inventory**

The MECP document titled “Waste Disposal Site Inventory in Ontario, 1991” was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario.

Based on the available information, no waste disposal sites were present within the Phase I Study Area.

One (1) closed waste disposal site was identified within 500m of the subject site. Details regarding this closed waste disposal site all presented below in Table 2.

<b>Table 2 Waste Disposal Sites</b>				
<b>Landfill Number</b>	<b>Site Location</b>	<b>Activity Period</b>	<b>Owner</b>	<b>Location</b>
X-1017	Lees Avenue (Algonquin College)	1947	Institutional and Private	400 m SE

Based on the separation distance (over 200m) and the inferred down-gradient location with respect to the subject site, the presence of this former landfill is not considered to have the potential to impact the subject property.

### Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on August 12, 2019. The search did not reveal any natural features or areas of natural significance on the Phase I Property or other properties within the Phase I Study Area.

### Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on August 2, 2019 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. Based on the records that are listed in the TSSA registry for the general area of the site, there were two (2) underground fuel storage tanks present on the Phase-I property. The USTs are single walled with a storage capacity of 9100L. The tanks were installed in 1990 and acquired a status of inactive in 2007 and Paterson was not provided with any documentation regarding their removal.

### City of Ottawa Old Landfill Document

The document prepared by Golder Associates entitled “Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa”, was reviewed.

Four (4) landfill sites were identified within 500 meters of the subject property, as presented in Table 3.

<b>Table 3 Former Landfill Sites</b>				
<b>Landfill Number</b>	<b>Site Name and Location</b>	<b>Activity Period</b>	<b>Owner</b>	<b>Location</b>
UR-36	North of Lees Ave, Lot 6, Con D	Circa 1928	Private and Government	250m SW
Ur-40	Between Henderson and King Edward Streets, south of Templeton St.	Prior to 1928	Institutional	340m NW
Ur-28	Lees Ave. (Old Armory)	Closed Circa 1935	City and Private	419m S
Ur-12	Algonquin College Rideau Campus (Lees Avenue)	1933-1947	Institutional and Private	400m SE

Based on the separation distance and the inferred cross- or down-gradient location with respect to the subject site, the presence of these former landfills is not considered to have the potential to impact the subject property.

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

An HLUI application form, requesting information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Phase I Property and adjacent lands, was submitted to the City of Ottawa. A copy of the HLUI is appended to this report. The HLUI response did not contain any new environmental concerns that have not already been identified. The site had previously been owned by the Mobin Foundation and one of the listed activities under their ownership was vehicle repairs. The New York Central Railway and a coal storage yard were also listed as previous activities.

**Former Industrial Sites**

The report entitled “Mapping and Assessment of Former Industrial Sites, City of Ottawa” was also reviewed. Three (3) former industrial sites were identified within 250 meters of the Phase-I property as presented in the following table.

<b>Table 4 Former Industrial Sites</b>				
<b>Industrial Site Number</b>	<b>Site Location</b>	<b>Activity Period</b>	<b>Owner</b>	<b>Location</b>
11	South side of Mann Avenue	N/A	City Services Oil Co. Ltd.	50 m NW
12	Scott Street (Laroche Park)	1930-1966	Currie Products Ltd.	480 m S
14	175 Lees Avenue	1915-1960s	Ottawa Gas Co., Gasworks	207 m SE



## 4.3 Physical Setting Sources

### Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

- 1928      Hurdman Road can be seen running east to west through the central portion of the subject site extending further west than its present-day orientation. The construction of Robinson Avenue has not yet been completed. It appears that the subject site is occupied by vacant land and railway lines at this time. Neighbouring properties to the north consist of vacant undeveloped land and properties to the west are occupied by a light industrial and commercial buildings. Properties to the south appear to consist of a gas plant, railway roundhouse and railway lines as well as a landfill to the southeast.
- 1958      There appears to be a storage structure on the eastern side of the subject site. Stockpiled material that appears to be coal is located on the central and northwestern portion of the site. The neighbouring properties have been developed with residential dwellings and a commercial building followed by Chapel Crescent and Wiggins Private both in their current configurations. Lees Avenue can be seen in its present-day configuration south of the subject site.
- 1965      No significant changes have been made to the subject site or surrounding properties with exemption of the demolition of the railway roundhouse to the south.
- 1976      An unknown roadway can be seen intersecting the western and northwestern portions of the subject site. Increased residential development as well as undeveloped land to the east of the site can be observed in their present-day configurations. Highway 417 is now present to the south of the site. The light industrial and commercial buildings as well as the railway lines that had previously been present west of the site are gone.

- 
- |      |  |
|------|--|
| 1991 | A single-storey commercial building and parking lot are now present on the subject site. Significant institutional and residential development in association with Algonquin College to the south of the subject property along Lees Avenue can now be observed. The two (2) USTs that had been installed in 1990 appear to be on the northwest side of the parking lot approximately 22 m from the northwestern corner of the subject building. The remaining surrounding properties are unchanged from the previous photo. |
| 2002 | No significant changes have been made to the subject property aside from a northern extension of the parking lot. An additional parking lot to the west of the site for the adjacent commercial building has also been developed.  |
| 2010 | No significant changes have been made to the subject or surrounding properties.  |
| 2017 | No significant changes have been made to the subject or surrounding 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 in the general area of the Phase I Property slopes gradually downward in a south-easterly direction. According to the maps, the nearest water body is the Rideau River, located approximately 375 m to the east 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 part of this assessment. According to the publication, the site is situated within the Ottawa Till Plain physiographic region.

## **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of shale of the Carlsbad Formation. The thickness of overburden ranges from 10 to 15m. Overburden consists of sand and reworked glaciofluvial sediments. Based on results from previous subsurface investigations on the subject site, groundwater is expected to be encountered in the overburden between 3m and 7m below the existing grade. Bedrock was encountered at depths ranging from 10.2 to 11.5 m.

## **Water Well Records**

According to the MECP well mapping database, there are no records of monitoring wells for the Phase I Property, other than those drilled by Paterson as part of the 2019 Phase II-ESA. These wells were drilled on the subject site to assess potential soil and groundwater impacts from the identified PCAs in a previously completed Phase I – ESA.

A total of (36) monitoring wells were identified on neighbouring properties located within the Phase I Study Area: eighteen (18) on 1 Robinson Avenue; seven (7) on 60 Mann Avenue; four (4) on 191 Lees Avenue; one (1) on Greenfield at Highway No. 417; one (1) at 99 Mann Avenue; one (1) 30/33 Mann Avenue; one (1) on 86 Templeton; one (1) on 6 Mann Avenue and two (2) on 3 Hurdman.

Copies of the well records are provided in Appendix 2.

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

No creeks, rivers, streams, lakes or any other water body was identified in the Phase I Study Area. The Rideau River, the closest significant water body, is present approximately 375m east of the Phase I Property.

No areas of natural significance are known to exist within the Phase I Study Area.

## **5.0 INTERVIEWS**

### **Property Owner Representatives**

Mr. Mike Marcella was present during the site visit on September 30, 2019.

Mr. Marcella indicated that the on-site cultural building had been built circa 1990 and that Place Dorée Real Estate Holdings Inc. had acquired the property in 2018. Mr. Marcella told Paterson that the intention for the property was for high rise residential buildings and that the current cultural building present on site is to be demolished. Paterson was told by Mr. Marcella that the cultural building is vacant but had been broken into the week of September 23<sup>rd</sup>, resulting in a fire commencing on the second floor. Mr. Marcella indicated that the fire and smoke damage is obvious throughout the building and that the interior of the building has been in poor shape since the property had been purchased. Mr. Marcella told Paterson that he was unaware of any above or underground fuel storage tanks (AST) located on the subject property but that he had noticed a sump pit on the first floor. Mr. Marcella told Paterson that there were HVAC units present on the roof of the building and that it was heated through natural gas and forced air.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

A representative from the Environmental Department of Paterson Group conducted a site visit on September 30, 2019. Weather conditions were partly cloudy with a temperature of approximately 12° C. At the time of the site visit, the neighbouring properties within the Phase I study area were also observed, from publicly accessible areas.

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

#### **Buildings and Structures**

The subject site is occupied by a two (2) storey cultural center on the south-western portion of the site.

The cultural center is clad with brick and tin siding, tar and gravel style roof and a stone foundation. The building is heated through natural gas and forced air with the HVA units present on the roof.

## **Underground Utilities**

All utility services on the subject site were located and disconnected prior to the subsurface investigation, which include a natural gas line on the south-western portion of the property and municipal sewer lines.

## **Site Features**

The subject site is at a similar grade as the adjacent properties. The site slopes slightly to the south towards the Rideau River. The subject building occupies one third of the subject, with two asphaltic concrete parking areas on the eastern and western portions of the property. Dense vegetation can be seen on the north-western portion of the site while the north-eastern portion is covered by grass and thin vegetation.

Water drainage occurs by sheet drainage to catch basins located on adjacent roadways. There was no ponded water observed on the ground surface at the time of the inspection. No surficial staining or contamination was observed during the exterior assessment of the subject land.

## **Fill Material**

Fill material was identified on site in previous investigations.

## **Interior Assessment**

Access to the interior of the building was very limited due to an unsafe environment resulting from fire damage and vandalism. Mr. Mike Marcella was able to provide Paterson with a brief overview of the building's interior.

A general description of the interior of the building (2 Robinson Avenue) is as follows:

- The floors throughout the building consist of vinyl floor tile and concrete.
- Wall materials consisted of drywall and concrete.
- The ceilings consisted of drywall.
- Lighting throughout the building appeared to be a mix of incandescent and fluorescent fixtures.

## Potentially Hazardous Building Products

### **Asbestos-Containing Materials (ACMs)**

Based on the age of the subject building (circa 1990), it is not likely that ACMs are present within the structure.

### **Lead-Based Paint**

Based on the age of the building lead-based paints are unlikely to be present based on the age of the building.

### **Polychlorinated Biphenyls (PCBs)**

One (1) potential source of PCBs is a transformer located adjacent to the south-eastern corner of the subject building.

### **Urea Formaldehyde Foam Insulation (UFFI)**

The presence of UFFI within the subject building is unlikely based on the age of the building.

## Other Potential Environmental Concerns

### **Fuels and Chemical Storage**

There were some general cleaning chemicals and paints observed on the subject site at the time of our inspection, which were properly stored. As previously discussed, the tenants were moving out of the subject structures and all cleaning chemicals and paints will be removed from the subject site.

Two underground storage tanks (USTs) were identified on the subject property through an extended TSSA inquiry. The age of the USTs is approximately thirty (30) years and their capacity is 9100L. No signs of the USTs were observed at the time of the site visit, but Paterson was not provided with any documentation that indicates their removal. Based on the 1991 aerial photo it appears that the tanks are located in the north-western section of the parking lot approximately 22 m from the north-western corner of the subject building. Additional information from TSSA was requested and received but the exact location of the USTs was not verified.

**Ozone Depleting Substances (ODSs)**

Potential sources of ODSs observed on site include air conditioners, refrigeration units, and fire extinguishers. These appliances should be regularly serviced by a licensed contractor.

**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:

Land use adjacent to the subject site was as follows:

- North – Residential properties followed by Chapel Crescent.
- South – Highway 417.
- East – Robinson Avenue followed by vacant lot addressed 1 Robinson.
- West – Vacant lot with a baseball diamond followed by Sandy Hill Arena.

No concerns were identified regarding the current use of the adjacent properties. Current land use adjacent to the subject site is illustrated on Drawing PE4528-2 – Surrounding Land Use Plan.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Land Use History

The following table indicates the current and past uses of the site as well as associated potentially contaminating activities dating back to the first developed use of the site.

<b>Table 5 Land Use History – 2 Robinson Avenue</b>				
<b>Year</b>	<b>Name of Owner</b>	<b>Property Use</b>	<b>Description of Property Use</b>	<b>Other Observations from Aerial Photos, FIPs, etc.</b>
Prior to 1990	N/A	Coal storage/Railway Lines	N/A	No other information available from this time.
Prior to 2005	Mobin Foundation	Iranian Cultural Center	Cultural Center	Developed with a two-storey building and parking areas
2005 - 2011	Fatima Cultural Activites Inc.	Cultural Center	Cultural Center	Developed with a two-storey building and parking areas

## Potentially Contaminating Activities

The following seven (7) PCAs were identified on the Phase I Property:

- Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Gasoline and associated products in a fixed tank” – this PCA was identified based on the two inactive USTs located on the subject property.
- Item 46, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Rail Yards Tracks and Spurs” – this PCA was identified based on the presence of railway tracks and spur lines running east to west through the center of the site.
- Former Light Industrial Facility overlapping western boundary of the subject site.
- Item 46, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Rail Yards Tracks and Spurs” – this PCA was identified based on the former coal storage yards present on the subject site in association with the railway.
- Previously existing roadway running east to west intersecting central portion of the subject site.
- Item 30, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Importation of Fill Material of Unknown Quality” - this PCA was identified due to fill of unknown quality having been used below the parking areas (east and west portions of the site).
- Item 55, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Transformer Manufacturing, Processing and Use” – this PCA was identified based on the presence of a transformer adjacent to the southeastern corner of the subject building.



The following seven (7) off-site PCAs were identified within the Phase I Study Area:

- ❑ Item 37, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Operation of Dry-Cleaning Equipment (where chemicals are used)” – this PCA was identified based on one historical and current dry cleaner located at 99 Mann Avenue.
- ❑ Item 33, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Metal Treatment” – this PCA was identified based on the former presence of a reinforcing steel, waterproofing and paving light industrial building located on Hurdman North.
- ❑ Item 41, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Petroleum Derived Gas Refining, Manufacturing, Processing and Bulk Storage” – This PCA was identified based on one historical petroleum wholesale retailer located at 35 Mann Avenue.
- ❑ Item 10, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Commercial autobody shop” – this PCA was identified based on one historical service garage previously located at 35 Mann Avenue.
- ❑ Item 46, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Rail Yards Tracks and Spurs” – this PCA was identified based on the presence of a railway round house southwest of the subject site.
- ❑ Item 41, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Petroleum Derived Gas Refining, Manufacturing, Processing and Bulk Storage” – This PCA was identified based on one historical gas plant located at 191 Lees Avenue.
- ❑ Item 28, Table 2, O.Reg. 153/04 as amended by O.Reg. 269/11: “Gasoline and associated products in a fixed tank” – this PCA was identified based on the former presence of Cities Services Oil Co. addressed 20A Mann Avenue.

The above listed historical on-site PCAs are considered to represent Areas of Potential Environmental Concern (APECs) on the Phase I Property as further discussed in the following section. These PCAs are depicted in red on Drawing PE4528-2 – Surrounding Land use Plan.

Based on their separation distances, and cross gradient orientations with respect to the Phase I Property and/or information contained in previous engineering reports conducted by Paterson, most of the off-site PCAs noted above are not considered to represent APECs. These PCAs are depicted in green on Drawing PE4528-2 – Surrounding Land use Plan.

**Areas of Potential Environmental Concern (APECs)**

The location of the PCAs and resulting APECs as well as the associated contaminants of potential concern (CPCs) and potentially impacted media are presented in the Table 5.

<b>Table 6 Area of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern with respect to Phase I Property</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	Northwestern portion of Phase I - Property	37 – Gasoline and associated products in a fixed tank	On-site	BTEX/PHCs (F <sub>1</sub> -F <sub>4</sub> )	Soil, Groundwater
APEC 2	Central portion of Phase I - Property	46 – Rail Yards, Tracks and Spurs	On-site	PAHs Metals	Soil and Groundwater
APEC 3	Northwestern portion of Phase I - Property	Former Light Industrial Facility	On-site	Metals	Soil Groundwater
APEC 4	Entire Phase I - Property	46 – Rail Yards, Tracks and Spurs (Former Coal Storage Yard)	On-site	Metals PAHs	Soil Groundwater
APEC 5	Southern/western portion of Phase I Property	Previously existing Roadway	On-site	BTEX/PHCs (F <sub>1</sub> -F <sub>4</sub> ) PAHs Metals	Soil, Groundwater
APEC 6	Entire Phase I Property	30 - Fill Material of Unknown Quality	On-site	Metals PAHs	Soil, Groundwater
APEC 7	Southeast Corner of Subject Building	Currently Existing Transformer	On-site	BTEX/PHCs (F <sub>1</sub> -F <sub>4</sub> ) PCBs	Soil

## **Contaminants of Potential Concern**

Based on the past and current uses of the subject site, the following Contaminants of Potential Concern (CPCs) have been identified in the soil and/or groundwater:

- Benzene, ethylbenzene, toluene, and xylenes (BTEX).
- Petroleum hydrocarbons fractions (PHCs, F1-F4);
- Volatile organic compounds (VOCs) in the groundwater; and
- Metals, including hydride forming compounds, mercury (Hg), hexavalent chromium (CrVI).
- Polycyclic Aromatic Hydrocarbons
- PCBs

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the site consists of interbedded limestone and shale of the Carlsbad Formation. Based on the maps, the surficial geology consists of Till and Palaeozoic bedrock with a thickness of overburden ranging from 10 to 15m. The subsurface profile across the entirety of the site consisted primarily of silty sand fill with some coal fragments. Bedrock was encountered at depths ranging from 10.2 to 11.5 m below the existing grade.

Based on the 2019 Phase II-ESA report conducted for the subject site and other reports prepared by Paterson for neighbouring properties, the groundwater in the immediate vicinity of the Phase I Property flows in a south to south-easterly direction, towards the Ottawa River.

### **Existing Buildings and Structures**

The subject site is occupied by a two (2) storey building formerly used as a cultural center on the south-western portion of the site.

## **Water Bodies**

There are no water bodies on the Phase I Property or within the Phase I Study Area. The closest water body is the Rideau River located approximately 375 m to the east.

## **Areas of Natural Significance**

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

## **Drinking Water Wells**

According to the MECP well mapping database, there are no drinking water well records for the Phase I property or within the Phase I study area.

## **Monitoring Wells**

According to the MECP well mapping database, there are no records of monitoring wells for the Phase I Property, other than those drilled by Paterson as part of the 2019 Phase II-ESA.

A total of (36) monitoring wells were identified on neighbouring properties located within the Phase I Study Area: eighteen (18) on 1 Robinson Avenue; seven (7) on 60 Mann Avenue; four (4) on 191 Lees Avenue; one (1) on Greenfield at Highway No. 417; one (1) at 99 Mann Avenue; one (1) 30/33 Mann Avenue; one (1) on 86 Templeton; one (1) on 6 Mann Avenue and two (2) on 3 Hurdman Road.

## **Neighbouring Land Use**

Neighbouring land use in the Phase I Study Area primarily consists of residential and commercial with some institutional properties.

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

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

## **Contaminants of Potential Concern**

As noted in Table 5, CPCs associated with the APECs identified in this Phase I ESA include BTEX, PHCs (F<sub>1</sub>-F<sub>4</sub>), PAHs, Metals and PCBs in the soil and/or groundwater beneath the Phase I Property.

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

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are areas of potential environmental concern on the subject site.

The presence of potentially contaminating activities was confirmed by a variety of independent sources, 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**

### **Assessment**

Paterson Group was retained by Place Doreé Real Estate Holdings Inc. to conduct a Phase I Environmental Site Assessment (ESA) for the property addressed 2 Robinson Avenue, in the City of Ottawa. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and Phase I ESA Study Area and to identify any environmental concerns with the potential to have impacted the subject land.

Six (6) PCAs resulting in APECs were identified on the subject site through the historical investigation. The results of the historical research indicated that the Phase I Property was first developed circa 1950 as railway lines and a roadway. A light industrial facility was located immediately west of the subject site, with some associated buildings located within the western boundary. Two (2) underground storage tanks (USTs) were identified in the TSSA search. Hurdman Road had also previously intersected the central portion of the subject site resulting in a PCA. A previous Phase II-ESA report conducted for the subject site identified the presence of BTEX, PHC, Metals and PAH contaminated fill on site. The presence of the impacted fill material and the historical uses of the subject site as well as the identified USTs are considered PCAs which result in APECs.

Historical research indicated that seven (7) historical off-site PCAs exist within the Phase I study area which include a gas plant, oil services, dry cleaners, light industrial buildings, petroleum wholesale, an automotive service garage, and railway station and freight sheds. Based on previous environmental reports, the separation distances, and the cross- or down-gradient locations between the PCAs and the subject site, they are not considered to represent APECs.

Following the historical research, an inspection of the subject site and the surrounding properties was conducted. The subject site is currently occupied by a vacant two-storey cultural building. An electrical transformer was located to the southeast of the subject building. The presence of the electrical transformer is considered to be a potentially contaminating activity and represents an area of potential environmental concern for the subject site.

Based on the results of the Phase I ESA, **in our opinion, a Phase II Environmental Site Assessment is required and has been completed for the subject site.**

## **Recommendations**

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

Based on the historical land use, the Phase I Property was considered commercial as defined by O.Reg. 153/04 and as such, a Record of Site Condition (RSC) is required as there will be change in land use of the Phase I Property to a more sensitive land use (residential).

## 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 by O.Reg. 269/11 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 Place Dorée Real Estate Holdings Inc. Permission and notification from Place Dorée Real Estate Holdings Inc. and Paterson will be required to release this report to any other party.

### Paterson Group Inc.



Samuel Berube, B.Eng.



Mark S. D'Arcy, P.Eng., QP<sub>ESA</sub>



### Report Distribution:

- Place Dorée Real Estate Holdings Inc. (5 copies and 1 PDF copy)
- Paterson Group (1 copy)

## 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

### **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 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  
The City of Ottawa Historical Land Use Inventory  
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988  
The City of Ottawa eMap website

### **Local Information Sources**

Chain of Title obtained through Read Abstracts Limited, August 2017  
Survey Sketch, prepared by Annis, O’Sullivan, Vollebakk Ltd., April 2011  
Geotechnical Investigation  
Personal Interviews

### **Public Information Sources**

Google Earth  
Google Maps/Street View



# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE4528-1 – SITE PLAN**

**DRAWING PE4528-2 – SURROUNDING LAND USE PLAN**

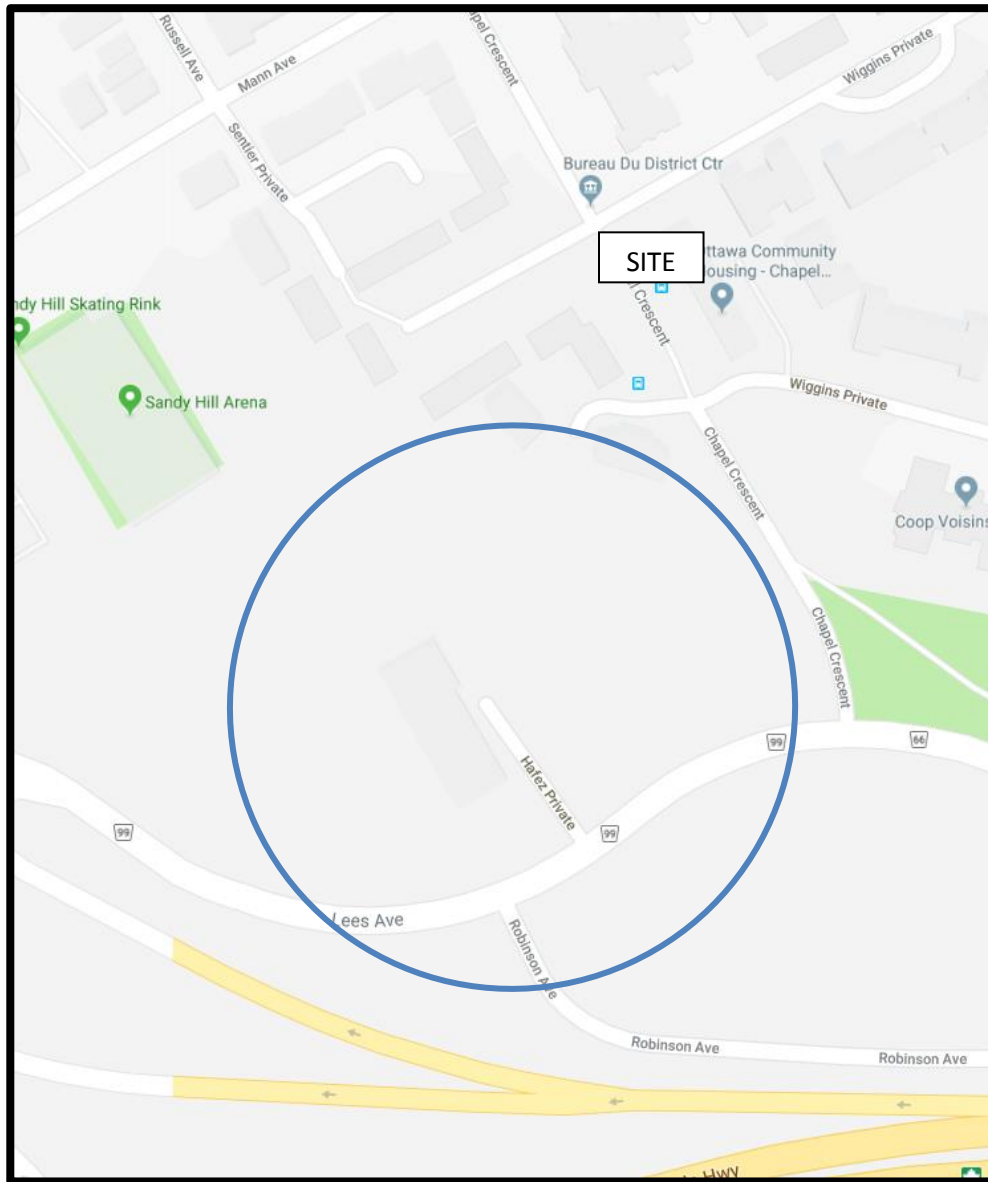
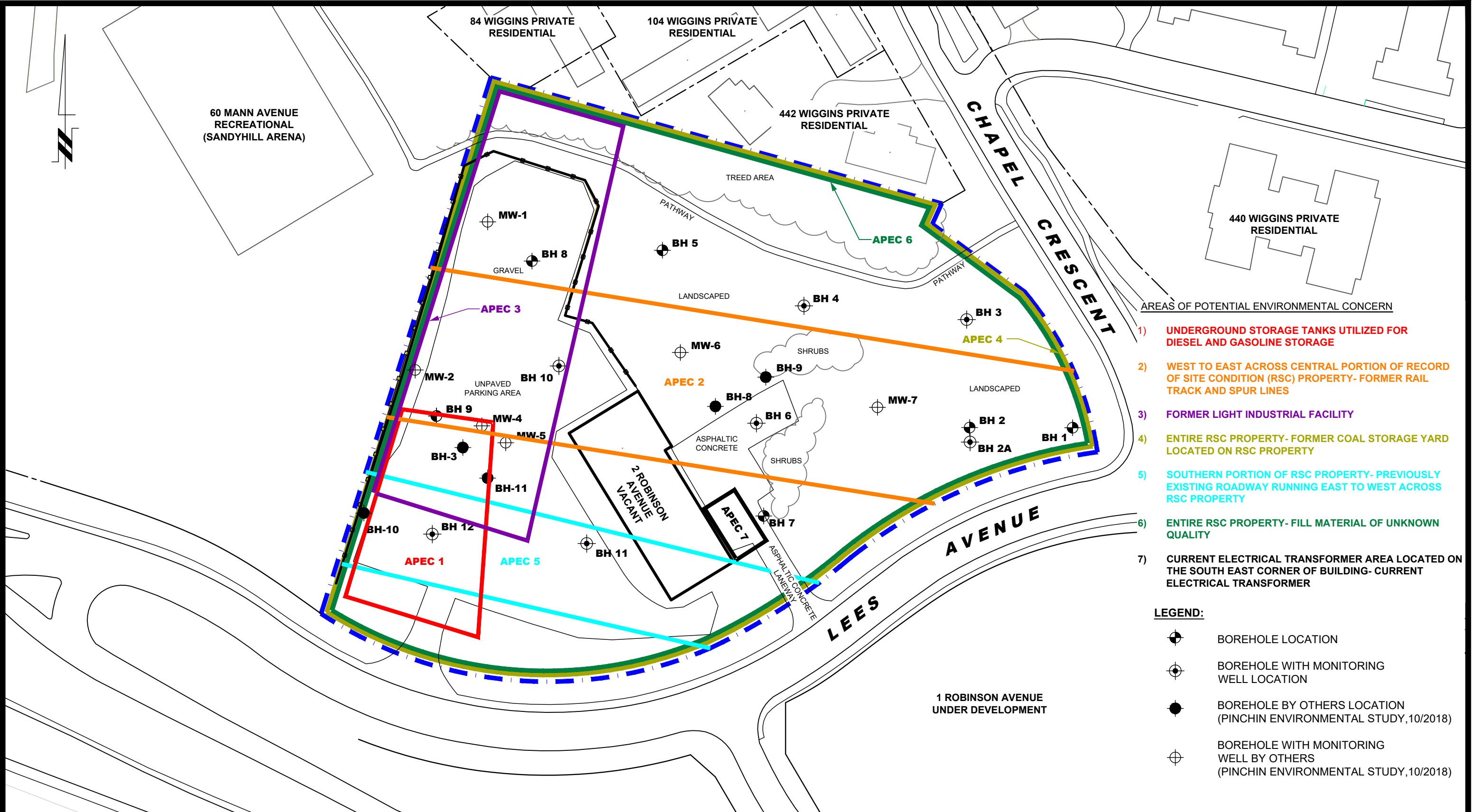


FIGURE 1  
KEY PLAN



Figure 2

## TOPOGRAPHIC MAP



**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

PLACE DORÉE REAL ESTATE HOLDINGS INC.  
PHASE I - ENVIRONMENTAL SITE ASSESSMENT UPDATE  
2 ROBINSON AVENUE

OTTAWA,  
Title:

ONTARIO

**SITE PLAN**

Scale: 1:1000

Date: 09/2020

Drawn by: YA

Report No.: PE4528-1

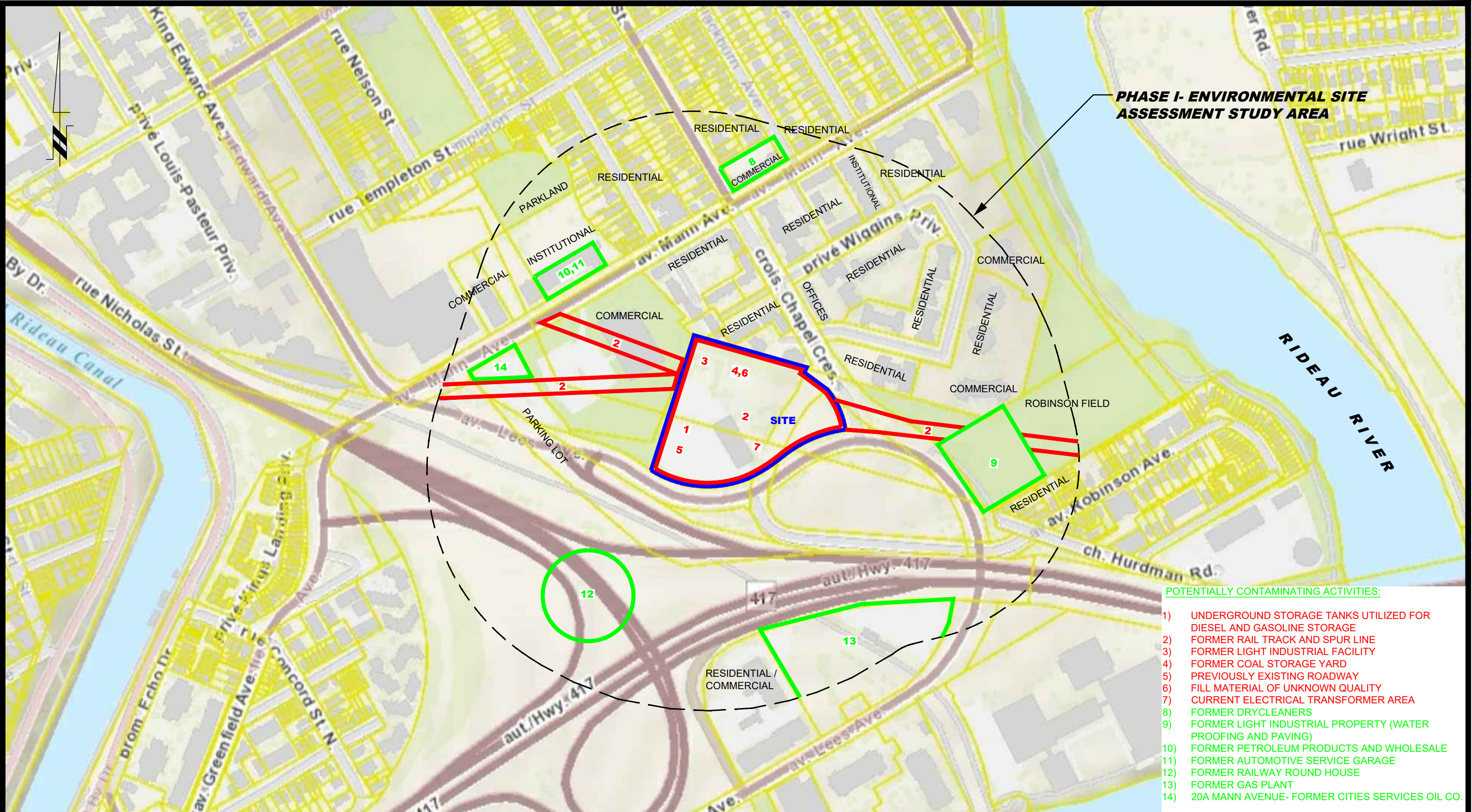
Checked by: SB

Dwg. No.: **PE4528-1**

Approved by: MSD

Revision No.:

p:\autocad drawings\environmental\pe4528\pe4528\july 2020\pe4528-8-site plan.dwg



**PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA**

- POTENTIALLY CONTAMINATING ACTIVITIES:**
- 1) UNDERGROUND STORAGE TANKS UTILIZED FOR DIESEL AND GASOLINE STORAGE
  - 2) FORMER RAIL TRACK AND SPUR LINE
  - 3) FORMER LIGHT INDUSTRIAL FACILITY
  - 4) FORMER COAL STORAGE YARD
  - 5) PREVIOUSLY EXISTING ROADWAY
  - 6) FILL MATERIAL OF UNKNOWN QUALITY
  - 7) CURRENT ELECTRICAL TRANSFORMER AREA
  - 8) FORMER DRYCLEANERS
  - 9) FORMER LIGHT INDUSTRIAL PROPERTY (WATER PROOFING AND PAVING)
  - 10) FORMER PETROLEUM PRODUCTS AND WHOLESALE
  - 11) FORMER AUTOMOTIVE SERVICE GARAGE
  - 12) FORMER RAILWAY ROUND HOUSE
  - 13) FORMER GAS PLANT
  - 14) 20A MANN AVENUE- FORMER CITIES SERVICES OIL CO.

**patersongroup**  
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

PLACE DOREÈ REAL ESTATE HOLDINGS INC.  
PHASE I - ENVIRONMENTAL SITE ASSESSMENT  
2 ROBINSON AVENUE  
OTTAWA, ONTARIO  
Title: **SURROUNDING LAND USE PLAN**

Scale:	1:4000	Date:	09/2020
Drawn by:	YA	Report No.:	PE4528-1
Checked by:	SB	Dwg. No.:	<b>PE4528-2</b>
Approved by:	MSD	Revision No.:	

# **APPENDIX 1**

**PLAN OF SURVEY**

**CHAIN OF TITLE**

**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**

**SURVEYOR'S REAL PROPERTY REPORT**  
**PART 1** Plan of  
**PART OF LOT F**  
**CONCESSION D (RIDEAU FRONT)**  
**GEOGRAPHIC TOWNSHIP OF NEPEAN**  
**CITY OF OTTAWA**  
 Surveyed by Annis, O'Sullivan, Vollebek Ltd.  
 Scale 1 : 400

16 12 8 4 0 8 16 Metres  
 Metric  
 DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND  
 CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

**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 Land Titles Act and the regulations made under them.  
 2. The survey was completed on the 26 day of June, 2018.

July 16/18  
 Date  
 Andrew Shep  
 Ontario Land Surveyor

**PART 2**  
 THIS PLAN MUST BE READ IN CONJUNCTION WITH  
 SURVEY REPORT DATED: July 16, 2018

ANNIS, O'SULLIVAN, VOLLEBEK LTD. grants to  
 Albert Selman INC. (The Client), their solicitors,  
 mortgagees, and other related parties, permission to use original, signed, sealed  
 copies of the Surveyor's Real Property Report in transactions involving The Client.

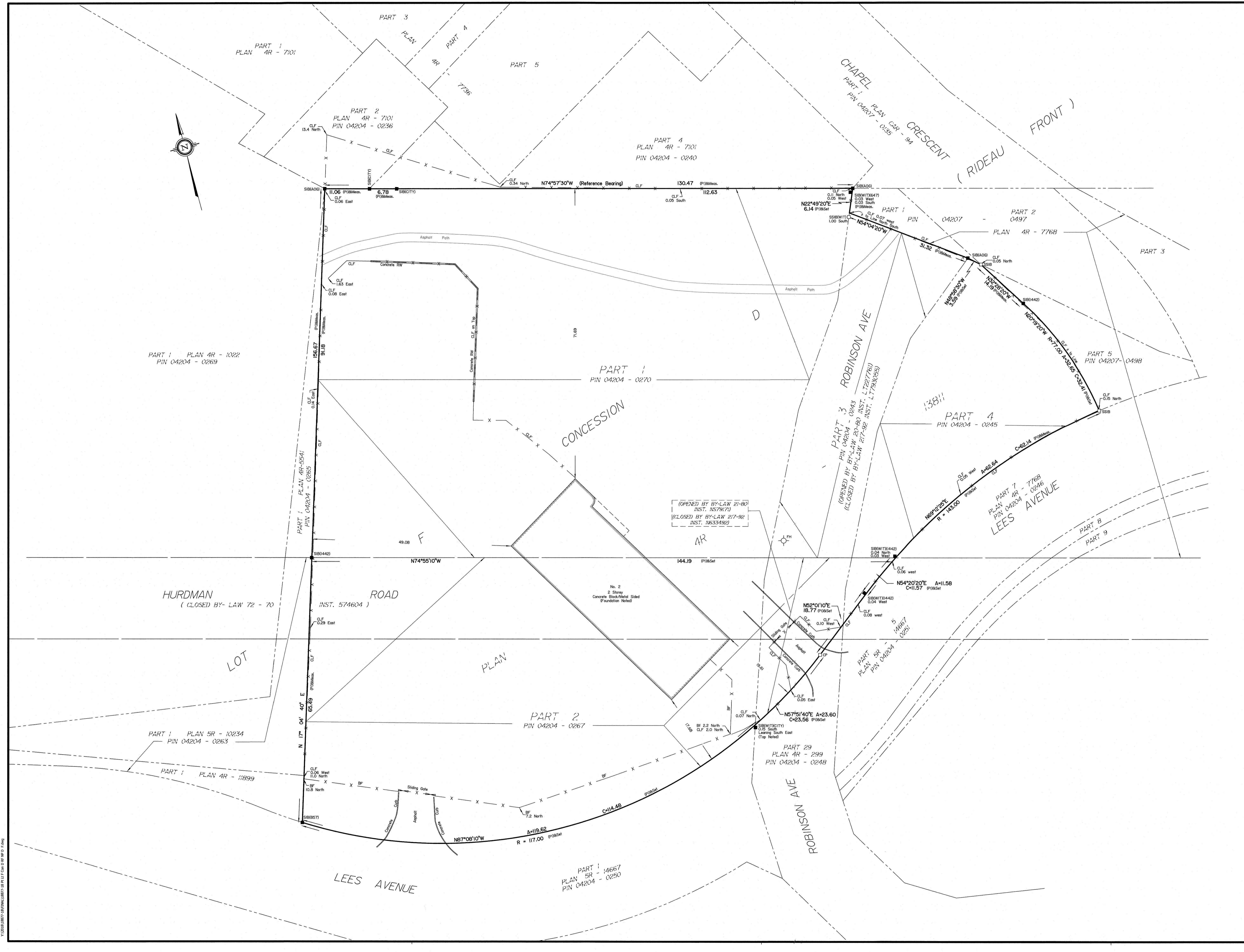
**Notes & Legend**

Denotes	
	Survey Monument Planted
	Survey Monument Found
	Standard Iron Bar
	Short Standard Iron Bar
	Iron Bar
	Concrete Pin
	Witness
	Measured
	Annis, O'Sullivan, Vollebek Ltd.
	Plan 4R-13811
	Fire Hydrant
	Chain Link Fence
	Board Fence
	Gate
	Retaining Wall

Bearings are grid, derived from the Northerly limit of Part 1  
 on Plan 4R-13811 and are referred to the Central Meridian of MTM  
 Zone 9 (76°30' West Longitude) NAD-83 (original).

ASSOCIATION OF ONTARIO  
 LAND SURVEYORS  
 PLAN SUBMISSION FORM  
 2058192

THIS PLAN IS NOT VALID UNLESS  
 IT IS AN EMBOSSED ORIGINAL  
 COPY ISSUED BY THE SURVEYOR  
 in accordance with  
 Regulation 1026, Section 29 (3).





## READ Abstracts Limited

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

Email: [search@readsearch.com](mailto:search@readsearch.com)

Tel.: 613-236-0664

Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

Patersongroup

Attn: Samuel

#### BRIEF DESCRIPTION OF LAND:

2 Robinson Ave. Ave., Ottawa

Part of Lot F, Concession D RF. Nepean, being Parts 1, 2, 3, 4 on 4R13811

PIN: 04204-0243

04204-0245

04204-0267

04204-0270

LAST REGISTERED OWNER: 11182765 Canada Inc.

#### CHAIN OF TITLE:

Patent dated Jun 23, 1873

To Archibald Stewart

Deed OE172 registered 1890

From Archibald Stewart to OA & NY Railway Company

Deed OE319 registered Feb 24, 1898

From Archibald Stewart to Corporation of Ottawa East

Vesting Order OE983 registered Jun 1902

To John Thomas Connelly Thompson (re: Archibald Stewart)

(see "Land Titles" section)

Deed CR91554 registered Jul 31, 1909

From Ottawa & Gloucester Road Co. Ltd. To Corporation of Ottawa

Deed CR148610 registered Nov 20, 1919

From Ottawa & New York Railway Company to Montreal & Ottawa Railway Company



Patent CR466908 registered Oct 7, 1963  
From the Crown to The National Capital Commission

Deed CR553943 registered Jun 21, 1969  
From Canadian Pacific Railway Company to The National Capital Commission

Deed CR585789 registered Jan 5, 1971  
From The Corporation of the City of Ottawa to The National Capital Commission

Patent CR593977 registered July 6, 1971  
From the Crown to The National Capital Commission

Deed N639920 registered Nov 4, 1992  
From The Corporation of the City of Ottawa to The National Capital Commission

#### Land Titles

Deed LT528 registered Apr 15, 1909  
From John Thomas Connelly Thompson to Mackenzie, Mann and Company Limited

Deed LT3844 registered Nov 19, 1914  
From Mackenzie, Mann and Company Limited to Canadian Northern System Terminals Limited

Deed LT5777 registered 1918  
From Mackenzie, Mann and Company Limited to Canadian Northern System Terminals Limited

(Canadian Northern System Terminals Limited changed it's name to Canadian Northern Realities Limited)

Deed LT7575 registered Nov 2, 1920  
From Canadian Northern Realities Limited to The Crown

Deed LT35299 registered Dec 12 1955  
From The Crown to to Hyman Fine

Deed LT35300 registered Dec 12 1955  
From Canadian Northern Realities Limited to Hyman Fine

Deed LT48411 registered Aug 8, 1958  
From Hyman Fine to H. Fine and Sons Limited

Deed LT62864 registered May 10, 1965  
From H. Fine and Sons Limited to National Capital Commission

Deed LT204004 registered Mar 19, 1979  
From National Capital Commission to The Corporation of the City of Ottawa

Deed LT802253 registered Nov 4, 1992  
From The Corporation of the City of Ottawa to National Capital Commission

All PINs

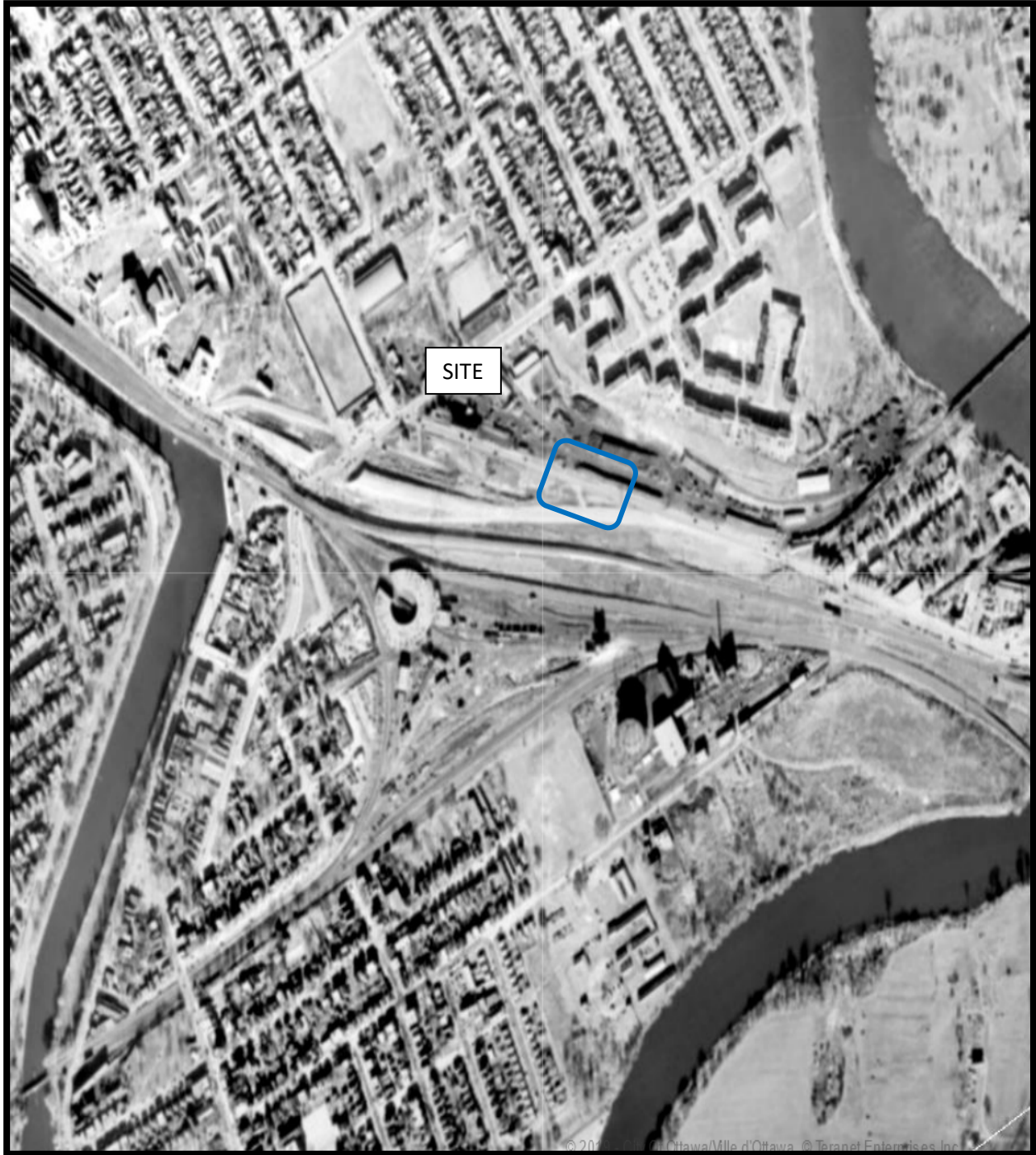
Deed LT1152844 registered Sep 28, 1998  
From National Capital Commission to Fatima Cultural Activities Inc.

Deed LT1403995 registered Jul 12, 2001  
From Fatima Cultural Activities Inc. to Mobin Foundation

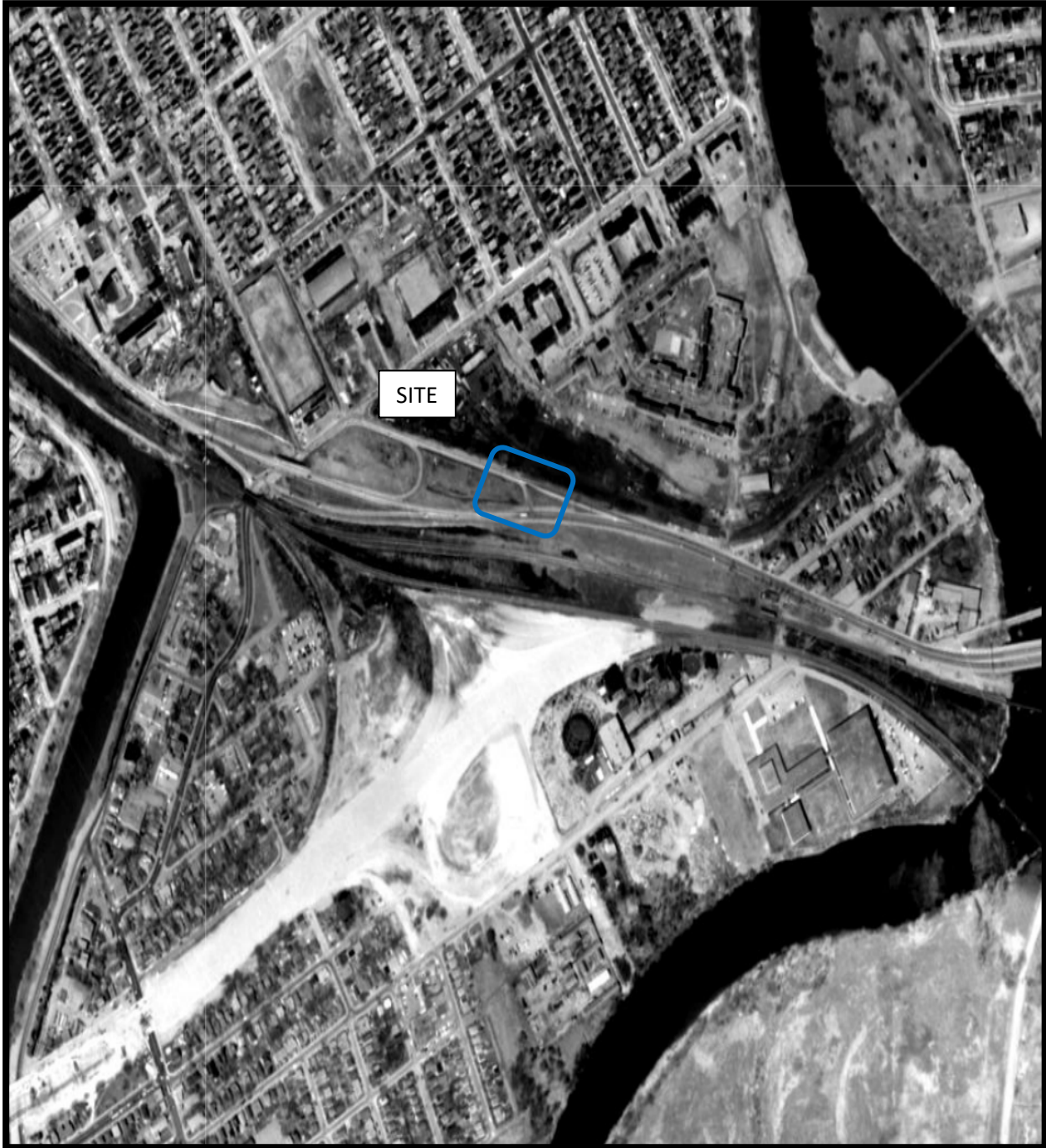
Deed OC2086917 registered Mar 26, 2019  
From Albert Gelman Inc. (court appointed receiver) to 11182765 Canada Inc.



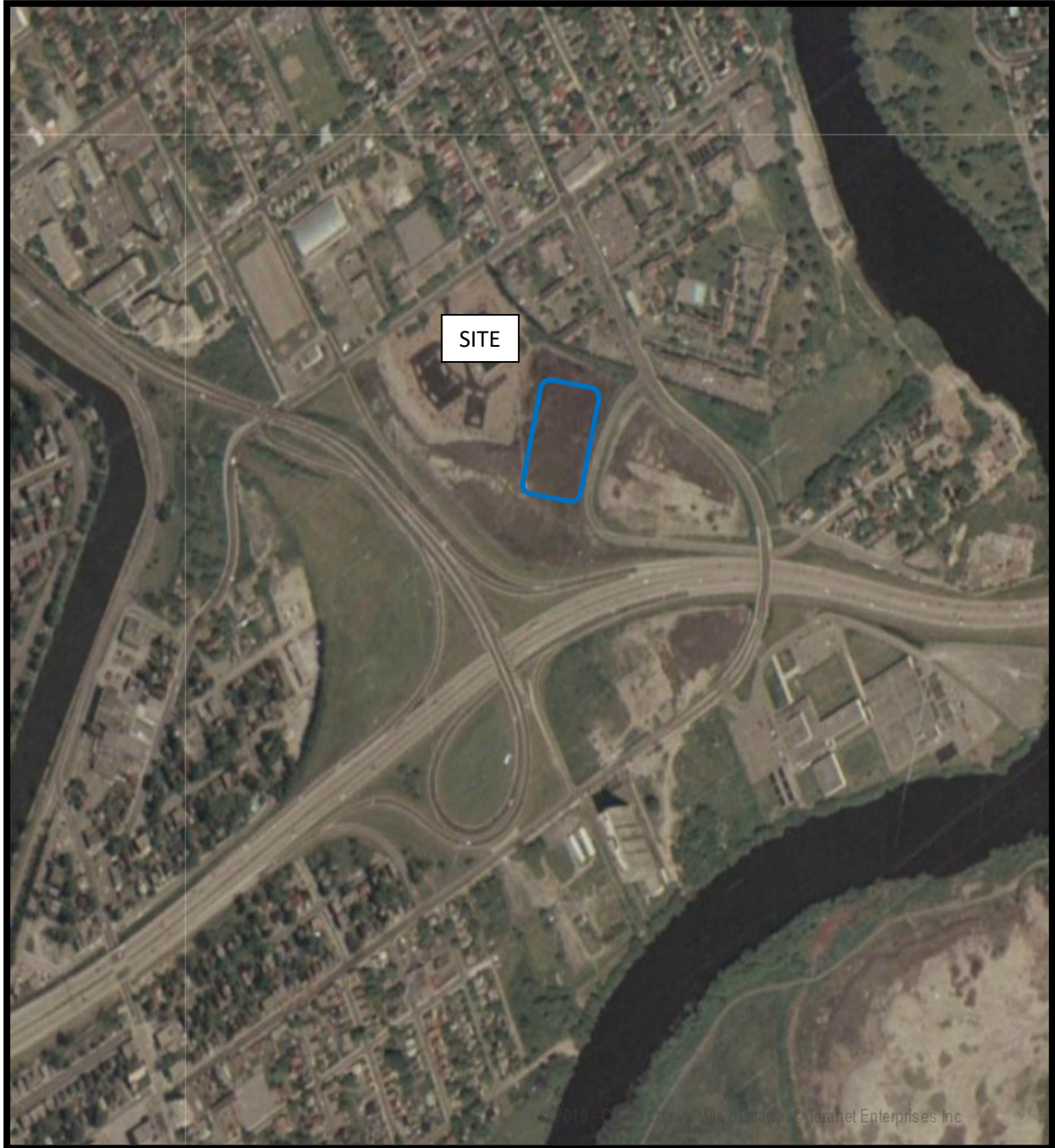
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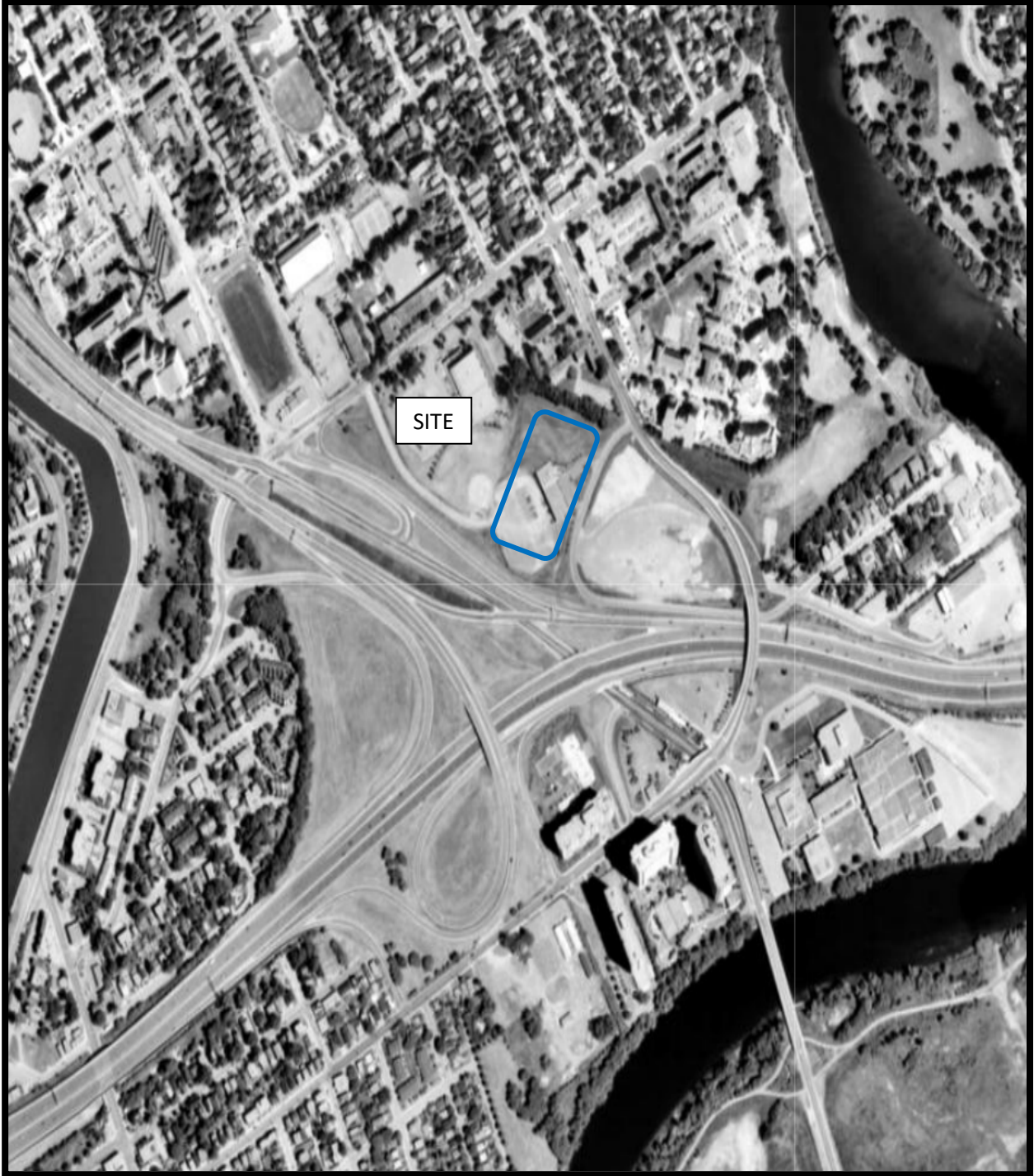
AERIAL PHOTOGRAPH 1958



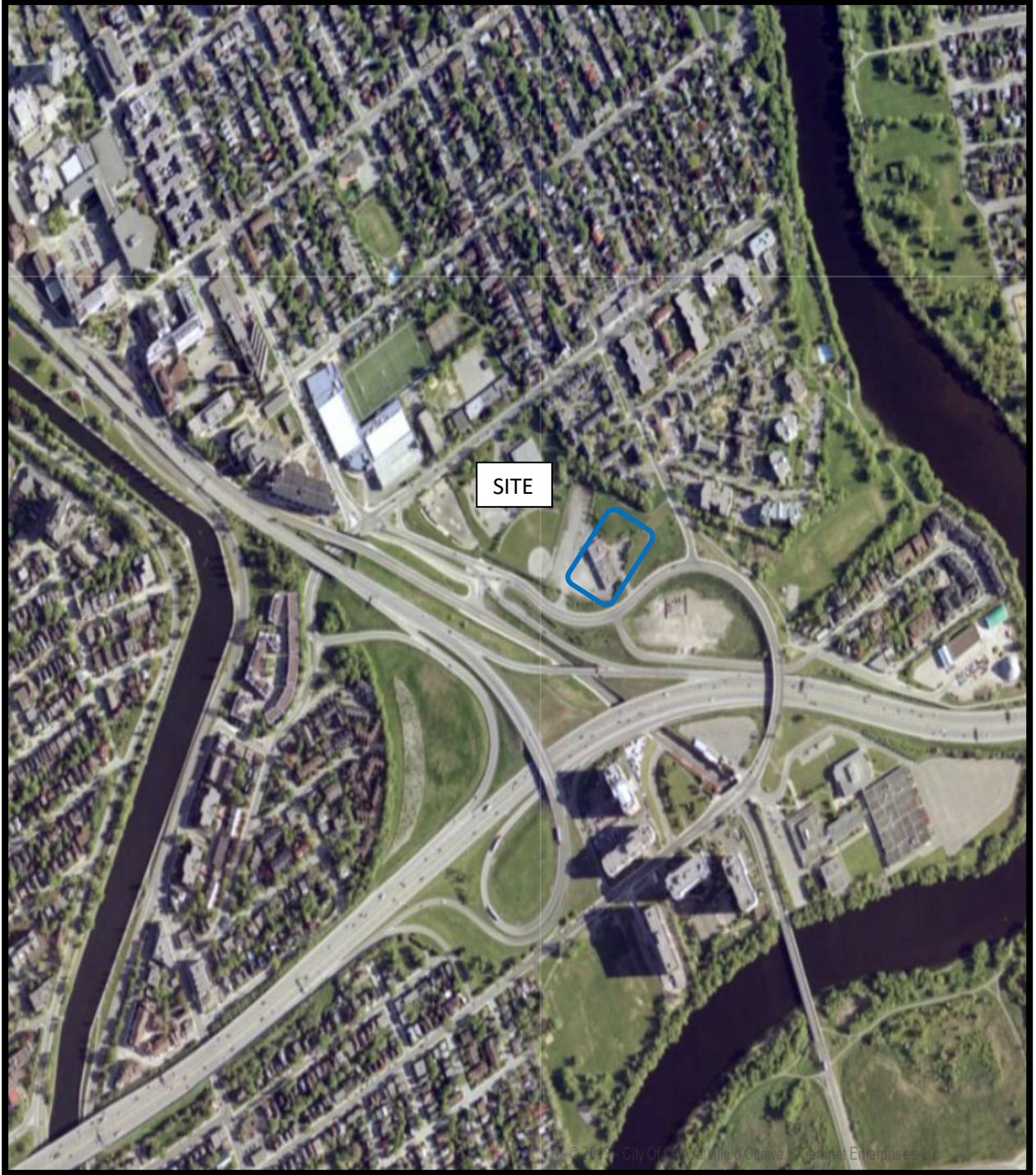
AERIAL PHOTOGRAPH 1965



AERIAL PHOTOGRAPH 1976

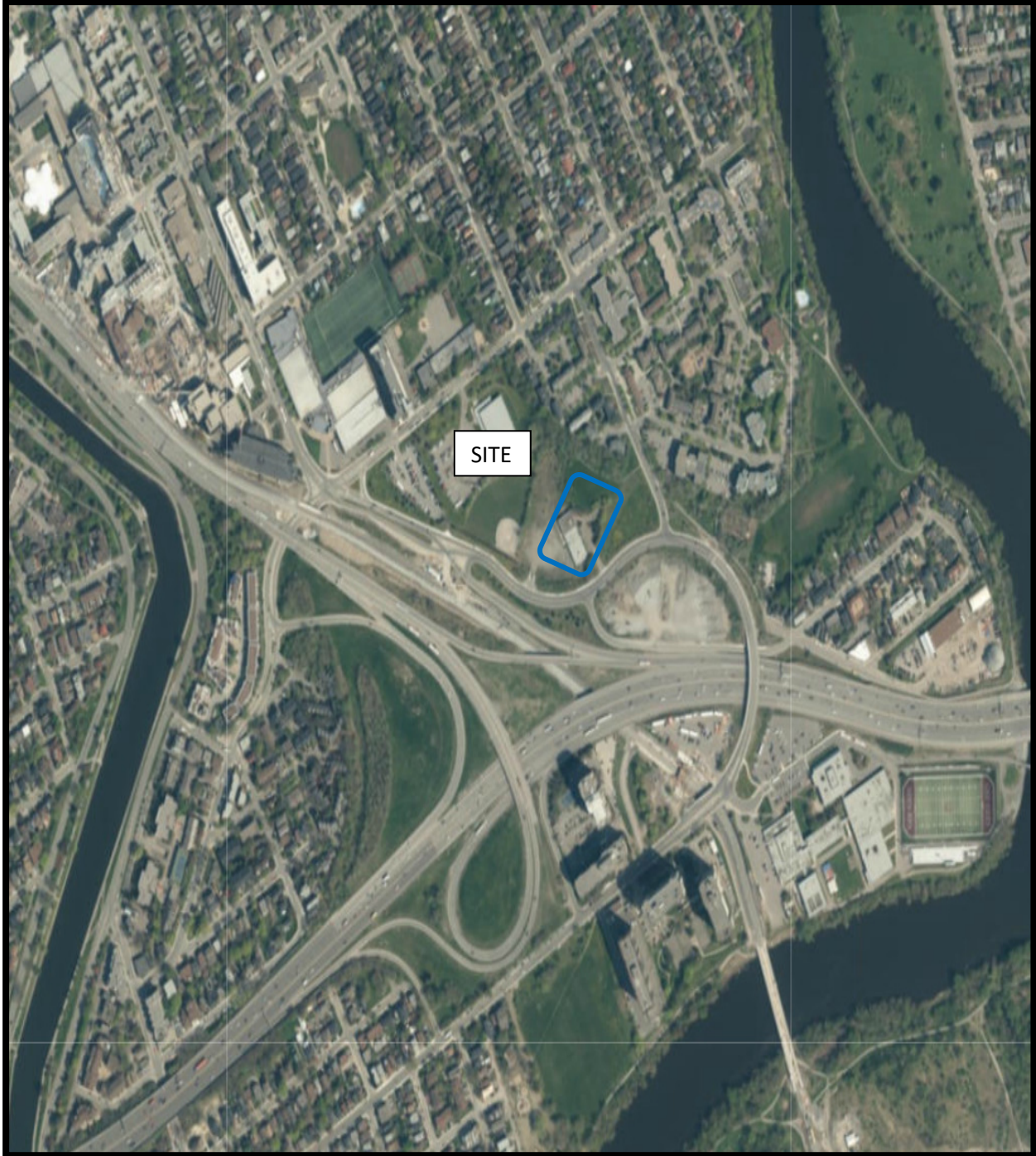


AERIAL PHOTOGRAPH 1991



AERIAL PHOTOGRAPH 2002





AERIAL PHOTOGRAPH 2017

## Site Photographs

PE4528

2 Robinson Avenue– Ottawa, ON

January 14, 2020



Photograph 1: Front view of the subject property, looking north.



Photograph 2: Rear view of subject property, looking west.

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION SEARCH**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HISTORICAL LAND USE INVENTORY SEARCH**

**MECP WELL RECORDS**



## Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester			Date Request Received	
Samuel Berube Paterson Group Inc. 154 Colonnade Road Ottawa, ON K2E 7J5 <b>Email address:</b> sberube@patersongroup.ca			FOI Request No.	
Telephone/Fax Nos.			Fee Paid	
Tel. 613-226-7381 Fax 613-226-6344		Your Project/Reference No.	<input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC <input type="checkbox"/> CASH	
		PE4528	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Signature/Print /Name of Requester				
Samuel Berube				
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township ( <b>Municipal address essential for cities, towns or regions</b> )				
2 Robinson Avenue, Ottawa, Ontario				
Present Property Owner(s) and Date(s) of Ownership				
Place Doreé Property Management				
Previous Property Owner(s) and Date(s) of Ownership				
N/A				
Present/Previous Tenant(s), (if applicable)				
N/A				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			all	
Orders			all	
Spills			all	
Investigations/prosecutions ➤ Owner <b>AND</b> tenant information must be provided			all	
Waste Generator number/classes			all	
Certificates of Approval ➤ Proponent information must be provided				
1985 and prior records are searched manually. <b>Search fees in excess of \$300.00</b> could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). <b>If supporting documents are also required, mark SD box</b> and specify type e.g. maps, plans, reports, etc.				
	SD		Specify Year(s) Requested	
air - emissions			1986-present	
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)			1986-present	
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations			1986-present	
waste water - industrial discharges			1986-present	
waste sites - disposal, landfill sites, transfer stations, processing sites, incineratorsites			1986-present	
waste systems - PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste			1986-present	
pesticides - licenses			1986-present	

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

## Samuel Berube

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** August 6, 2019 11:11 AM  
**To:** Samuel Berube  
**Subject:** RE: Search Records Request (PE4528)

### Records Found

Hello,

Thank you for your request for confirmation of public information.

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

Inst Number	Segment1	Address	City	Status
9380220	FS PRIVATE FUEL OUTLET - SELF SERVE	2 ROBINSON AVE	OTTAWA	Active
10906556	FS LIQUID FUEL TANK	2 ROBINSON AVE	OTTAWA	Inactive
10906534	FS LIQUID FUEL TANK	2 ROBINSON AVE	OTTAWA	Inactive

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 [publicinformationsservices@tssa.org](mailto:publicinformationsservices@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.

The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets. Nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

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,



**Connie Hill | Public Information Agent**

Facilities  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

**From:** Samuel Berube <SBerube@Patersongroup.ca>  
**Sent:** August 2, 2019 1:54 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** Search Records Request (PE4528)

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:

Mann Avenue: 4, 30, 55, 60, 70, 99

Robinson Avenue: 1 and 2

Lees Avenue: 169, 191

Thank you,

Samuel Berube

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

154 Colonnade Road South

Ottawa, Ontario, K2E 7J5

Tel: (613) 226-7381

Cell: 613-286-1326

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



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772

[www.tssa.org](http://www.tssa.org)

**30 October 2019**

Samuel Berube  
PATERSON GROUP  
154 Colonnade Road South  
OTTAWA ON K2E 7J5

**Subject: 2 Robinson Avenue, Ottawa, Ontario**  
**Your File No.: PE4528**  
**SR No.: 2709170**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our records produced the attached Fuels Safety documents.

The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets. Nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

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

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org).

Yours truly,

A handwritten signature in blue ink that reads "Roxana Suarez-Mashtaler".

Roxana Suarez-Mashtaler  
Public Information Services

 Or Installed Base

 Navigator

 Favorites

[Home](#) [Profile](#) [Sign Out](#) [Help](#)

**Item Instances**

**General**

[Additional Attributes](#)

[Assets](#)

[Party Relationships](#)

[Owner](#)

[Parties](#)

[Accounts](#)

[Contacts](#)

[Summary](#)

[Pricing](#)

[Counters](#)

[Contracts](#)

[Notes](#)

[Transactions](#)

[Service Requests](#)

[Repair Orders](#)

[History](#)

[Operating Units](#)

[Configuration](#)

Quick Find

[Advanced Search](#)

Logged In As **RMASHTALER**

**Item Instance Details**

Item Instance: **9380220**  
Item: **FS PRIVATE FUEL OUTLET - SELF SERVE**  
Item Description: **Fuels Safety Private Fuel Outlet - Self Serve**

**General Attributes**

Organization Name	TSSA Item Master	Instance Name	
Last Version Label 1		Version Label Date	13-DEC-1990 0:00
Revision		New Version Label	<input type="text"/>
System	<input type="text"/>	External Reference	<input type="text"/>
	<input type="button" value="Go"/>	Accounting Classification	Customer Product <input type="button" value="v"/>
Item Instance Type	<input type="button" value="v"/>	Lot Number	: not lot-controlled
Operational Status	Not Used	Condition	
Status	<b>Active</b>	UOM	<b>Each</b>
Quantity	<b>1</b>	Start Time	0:00
Start Date	13-DEC-1990	Shipped On Time	
Shipped On Date		End Time	
End Date		Return By Time	
Return By Date		Actual Return Time	
Actual Return Date			

\* Indicates required field.  
Time format is HH24:MM  
Note: You do not have permission to make updates in this page.

Creation Completed

**Owner**

Party Type	Party
Party Name:	DIRECTOR CHAUDIERE REGION
Account Number:	57178
Party Number:	127785
Account Name	DIRECTOR CHAUDIERE REGION

**Current Location**

\* Type  Party Site

Party Name	<input type="text" value="DIRECTOR CHAUD"/>	Party Number	<input type="text" value="127785"/>
	<input type="button" value="Go"/>		<input type="button" value="Go"/>
*Line 1	<input type="text" value="2 ROBINSON AVE"/>	Site Number	<input type="text" value="127651"/>
	<input type="button" value="Go"/>		<input type="button" value="Go"/>

Address **2 ROBINSON AVE  
OTTAWA, K1N 1G6, CA**

**Installed At**



Installed Date 13-DEC-1990

Installed Time 0:00

Time format is HH24:MM

Change in installed date does not change contract date.

Type

**Order**

Sales Order Number	Sales Order Date
Sales Order Line	
Purchase Order Number	Agreement Name






**Item Flags**

<input checked="" type="checkbox"/> BOM Enabled	<input checked="" type="checkbox"/> Inventory Trackable
<input checked="" type="checkbox"/> IB Trackable	<input type="checkbox"/> Shippable
<input checked="" type="checkbox"/> Sellable	

**Item Views**

<input type="checkbox"/> Merchant	<input checked="" type="checkbox"/> Customer
-----------------------------------	--

**Descriptive Flexfields**

Context Value	<input type="text" value="FS Facility"/> 
	<small>Select Context Value and click 'Go' to show relevant fields.</small>
Facility Type 2	<input type="text"/> 
Facility Type 3	<input type="text"/> 
Total Capacity - Liquid Fuel Tanks (L)	<input type="text" value="0"/>
Total Capacity - Propane Tank s (USWG)	<input type="text"/>
* Previous Facility Type	<input type="text"/> 
Previous Instance Number	<input type="text"/> 



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[Home](#) [Logout](#) [Preferences](#) [Help](#)

**Item Instance** | **Counters** | **Mass Update**

**Item Instances** | [Systems](#) | [Transactions](#)

Item Instance: [Item Instances](#) >

**View : Item Instance : 10906556**

Item	<b>FS LIQUID FUEL TANK</b>	System	
Item Description	<b>FS Liquid Fuel Tank</b>	Owner	<b>DIRECTOR CHAUDIERE REGION</b>
		Account Number	<b>57178</b>

**Other Item Instance Details**

- [Transaction History](#)
- [Item Instance History](#)
- [Operating Units](#)
- [Contracts](#)
- [Orders](#)
- [Service Requests](#)
- [Orders and Directives](#)
- [View Relationship](#)
- [Graphically](#)
- [OMS Orders](#)

**General** | **Location** | **Associations** | **Configuration** | **Counters** | **Notes**

External Reference		New Version Label	
Organization	<b>TSSA Item Master</b>	Last Version Label	<b>1</b>
Revision		Creation Date	<b>13-Dec-1990 00:00:00</b>
Instance Name		Status	<b>Inactive</b>
Quantity	<b>1</b>	Install Date	<b>13-Dec-1990 00:00:00</b>
UOM	<b>Each</b>	Expiration Date	
Item Instance Type		Shipped On Date	
Item Condition		Return By Date	
Accounting Classification	<b>Customer Product</b>	Actual Return Date	
Operational Status Code	<b>Not Used</b>		

[Hide Instance Flex Fields](#)

[Show Additional Attributes](#)

Fuel Type1	<b>Diesel</b> <small>Diesel</small>
Fuel Type2	
Fuel Type3	
Capacity (L)	<b>9100</b>
Tank Material	<b>Fiberglass (FRP)</b> <small>Fiberglass (FRP)</small>
Tank Type	<b>Single Wall UST</b> <small>Single Wall UST</small>
FS Corrosion Protection	<b>Coating</b> <small>Coating</small>
Overfill Protection Type	
Installation Year	<b>1990</b>
ULC Standard	
Manufacturer	
Model	
Serial Number	
Description	<b>UNDERGROUND TANK</b>

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**Item Instance** | **Counters** | **Mass Update**

**Item Instances** | [Systems](#) | [Transactions](#)

Item Instance: [Item Instances](#) >

**View : Item Instance : 10906534**

Item	<b>FS LIQUID FUEL TANK</b>	System	
Item Description	<b>FS Liquid Fuel Tank</b>	Owner	<b>DIRECTOR CHAUDIERE REGION</b>
		Account Number	<b>57178</b>

**Other Item Instance Details**

- [Transaction History](#)
- [Item Instance History](#)
- [Operating Units](#)
- [Contracts](#)
- [Orders](#)
- [Service Requests](#)
- [Orders and Directives](#)
- [View Relationship Graphically](#)
- [OMS Orders](#)

**General** | **Location** | **Associations** | **Configuration** | **Counters** | **Notes**

External Reference		New Version Label	
Organization	<b>TSSA Item Master</b>	Last Version Label	<b>1</b>
Revision		Creation Date	<b>13-Dec-1990 00:00:00</b>
Instance Name		Status	<b>Inactive</b>
Quantity	<b>1</b>	Install Date	<b>13-Dec-1990 00:00:00</b>
UOM	<b>Each</b>	Expiration Date	
Item Instance Type		Shipped On Date	
Item Condition		Return By Date	
Accounting Classification	<b>Customer Product</b>	Actual Return Date	
Operational Status Code	<b>Not Used</b>		

[Hide Instance Flex Fields](#)

[Show Additional Attributes](#)

Fuel Type1	<b>Gasoline</b> <small>Gasoline</small>
Fuel Type2	
Fuel Type3	
Capacity (L)	<b>9100</b>
Tank Material	<b>Fiberglass (FRP)</b> <small>Fiberglass (FRP)</small>
Tank Type	<b>Single Wall UST</b> <small>Single Wall UST</small>
FS Corrosion Protection	<b>Coating</b> <small>Coating</small>
Overfill Protection Type	
Installation Year	<b>1990</b>
ULC Standard	
Manufacturer	
Model	
Serial Number	
Description	<b>UNDERGROUND TANK</b>

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Inspection and  
Enforcement  
Branch  
Direction de l'inspection  
et de l'application  
des mesures législatives

Inspector's Report/  
Rapport de l'inspecteur/inspectrice  
Part A/Partie A

Report #/N° de rapport :

D- 04007

Location Inspected/Lieu inspecté  
NATIONAL CAPITAL COMMISSION

Address/Adresse  
2 ROBINSON

City/town/Ville  
OTTAWA

Postal Code/Code postal  
N/A NOT A MAILING ADDRESS 239-585

Operator's Name/Nom de la personne responsable  
SIMON STAFFORD

Licence #/N° de permis  
1048825-01

Owner's Name / Nom du/de la propriétaire  
SAME

Address/Adresse  
1612 LAUREL 40 EGLIN-202

City/town/Ville  
OTTAWA

Postal Code/Code postal  
K1P 1C7

Fuel Supplier/Fournisseur de combustible  
STINSON

City/Ville  
OTTAWA

Contractor/Entrepreneur  
[Signature]

Registration #/N° d'inscription  
[Signature]

OPERATION/ACTIVITÉ 20	SUB TYPE/ SOUS-TYPE	LOC TYPE/ TYPE DE LIEU 03	POP DENS/ DENS. DE POP. 03	FUEL/ COMBUSTIBLE GAS	CLASS/ CATÉGORIE 03	REASON/ RAISON 26	TRIGGER/ MOTIVÉ PAR : 02
ACTION/ MESURES PRISES 01	ACT/LOI G44	REG/RÉGLEMENT 521/43	DURATION/ DURÉE 1.75	BILLABLE/ À FACTURER 2.25	TRAVEL/ DÉPLACEMENT 0.5	BILL FACTURER Y	Y/N (O/N)
DAMAGE/ DOMMAGES	OCC RATE/ GRAV. DE L'ACC.	CAUSE/CAUSE	CON FACT/ FACT. CONTR.	OCC DATE/ DATE DE L'ACC.	OCC TIME/ HEURE DE L'ACC.	MANDATED MANDAT Y	Y/N (O/N)
FIELD 1/ DOMAINE 1	CALL/ INTERVENTION 01	CONSULT CONSULT Y/N (O/N) N	SITE REM REMÉDIER Y/N (O/N) N				FAU REQ'D? SUIVI REQUIS? Y

Comments/Remarques

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial #/N° de série
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial #/N° de série
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission



Client's Signature / Signature du client/de la cliente	Inspector's Name / Nom de l'inspecteur/inspectrice ERIC LUNN	Badge #/N° d'insigne 154
		Date of Inspection/ Date de l'inspection 1995 03 23



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et du Commerce

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Division des  
normes  
techniques

Inspection and  
Enforcement  
Branch  
Direction de l'inspection  
et de l'application  
des mesures législatives

Inspector's Instructions/Orders  
Directives et ordres de l'inspecteur/inspectrice  
Part B/Partie B

Report #/N° de rapport :

D04007

00034941

Date : 1995 03 23  
Y/A M/M D/J

Location Address (No RR's)  
Adresse du lieu inspecté (pas de RR) 2 ROBINSON, OTTAWA

Issued To/Délivré à SIMON STAFFORD Position/Fonction

Mailing Address/Adresse postale 202-40 ELGIN ST., OTTAWA, K1P 1C7

Your attention is required pursuant to:  
Ces ordres ou directives vous sont donnés en vertu : Act de la Loi 41A Regulation du Règlement 521/93

Licence # N° de permis 1048825-01 Expiry/Expiration Registration # N° d'inscription Certificate # N° de certificat Expiry/Expiration

CALL/INTERVENTION	ACTION/MESURES PRISES	DURATION/DURÉE	BILLABLE/À FACTURER	TRAVEL/DÉPLACEMENT	BILL Y/N / FACTURER (O/N)
01	01	1.75	2.25	5	Y

Order #/ N° de l'ordre	Section/ Article	You are hereby instructed to correct the following infraction(s)/ Vous devez rectifier l'infraction ou les infractions suivantes.	Compliance Date/ Date limite d'exécution
1	5(40)(c)	COMMENCE IMMEDIATE DAILY RECONCILIATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE.	APR 7, 95
2	ACT 15(2)(b)	PROVIDE SIX MONTHS OF RECONCILED INVENTORY FOR INSPECTION	APR 7, 95
3	6(4)(5)	ADJUST TANK METERING SYSTEM TO BRING IT IN LINE WITH THE ACTUAL VOLUME IN THE TANK (DIESEL)	APR 7, 95
4	4(5)	FILL PIPE COVERS DAMAGED, REPAIR AND BRING INTO COMPLIANCE WITH THE APPROVAL	APR 7, 95
5	4(5)	BAIL FILL PIPE SUMPS DAILY	APR 7, 95

RECEIVED  
MAR 30 1995  
Technical Standards Division

Received By: (print)  
Reçu par : (en lettres moulées) SIMON STAFFORD

Inspector: (print)  
Inspecteur(trice) : (en lettres moulées) ERIC LUNN

Position:/Fonction : MANAGER ZONE Signature :

Signature : Inspector's Badge#:  
N° d'insigne de l'inspecteur(trice) : 154



File Number: D06-03-19-0142

October 18, 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  
2 Robinson Avenue, Ottawa, Ontario (“Subject Property”)**

### **Internal Department Circulation**

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

- Disposals and Environmental Remediation Unit: The City’s Environmental Remediation Unit has environmental records on file pertaining to the subject properties noted below either directly on or adjacent to the subject properties. Please visit <https://ottawa.ca/en/city-hall/accountability-and-transparency/accountability-framework/freedom-information-and-protection-privacy/access-information> to submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act.

### **Search of Historical Land Use Inventory**

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

A search of the HLUI database revealed the following information:

- There are 5 activities associated with the Subject Property.

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

*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

- There are 27 activities associated with properties located within 250m of the Subject Property.

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 Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.**

If you have any further questions or comments, please contact Eric Steele at 613-580-2424 ext. 21690 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,



Eric Steele

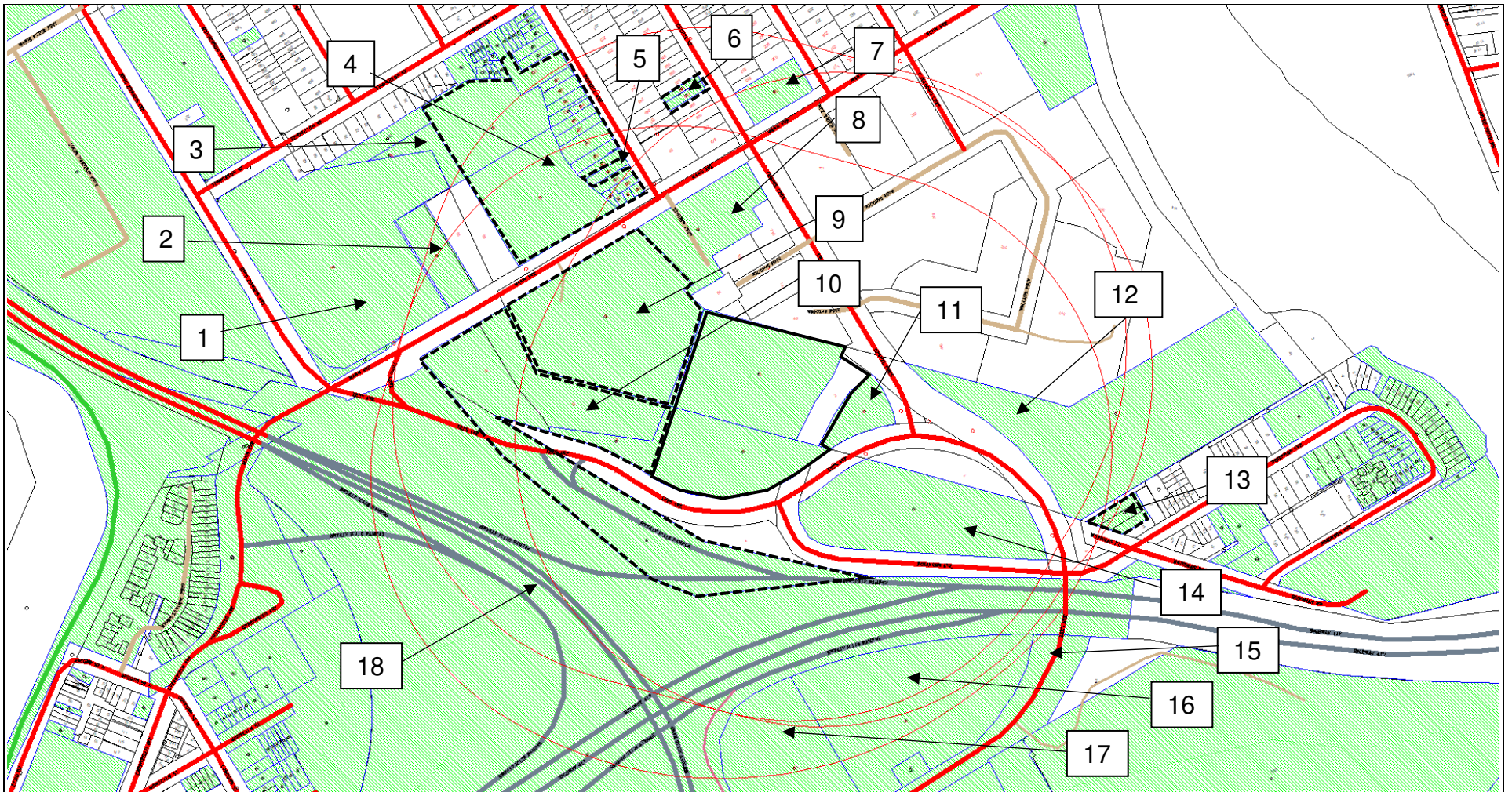
Per:

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

MB / ES

Enclosures.

cc: File no. D06-03-19-0142



Scale 1: n/a

2 Robinson Avenue  
 Ottawa, ON  
 File # D06-03-19-0142  
 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	2704, 6507, 6937, 8339, 9785	2704, 6507, 6937, 9785
1	14296, 14539, 4286, 5124, 6935, 6940, 8338	5124, 6935, 8338
2	4286	
3	14297	
4	3783	3783
5	3073, 3783	3783
6	9509	9509
7	10855	
8	2704, 6507, 8339	2704, 6507
9	2704, 6507, 6937, 8339	2704, 6507, 6937
10	2704, 9785	2704, 9785
11	2633	
12	8227	8227
13	11669, 7030, 8227	11669, 7030, 8227
14	10589	10589
15	14515	
16	10591, 11973, 3631	10591
17	10591, 740	10591, 740
18	14538, 740, 9785	740, 9875

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

# Historical Land Use Inventory

Activity Numbers –

Subject Property/Properties



CITY OF OTTAWA

HLUI ID: \_\_679G31

AREA (Square Metres): 11132.308

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 09:59:38

Study Year  
1998

PIN  
042040270

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2704 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1672  
Related PINS: 042040242

Name: CITIES SERVICE OIL CO. LIMITED  
Address: MANN AVENUE, OTTAWA  
Facility Type: Railway Transport and Related Service Industries  
Comments 1: Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
Comments 2:

Generator Number:

Storage Tanks: Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

Company Name

Cities Service Oil Co. Ltd.

Year of Operation

c. 1930-1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679G31**  
**AREA (Square Metres): 11132.308**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 09:59:38

**Study Year**  
1998

**PIN**  
042040270

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6507 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 1783

**Related PINS:** 042040242

**Name:** JASON J. CHILCOTT

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Flour, Prepared Cereal Food and Feed Industries

**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
311230	105
311119	105
311822	105
311111	105

**Company Name**

Chilcott Jas J.

**Year of Operation**

c. 1940





CITY OF OTTAWA

HLUI ID: \_\_679G31

AREA (Square Metres): 11132.308

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 09:59:38

Study Year  
1998

PIN  
042040270

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 8339 Multiple PINS: N  
 PIN Certainty: 1 Previous Activity ID(s) : 1786  
 Related PINS: 042040270  
 Name: MOBIN FOUNDATION  
 Address: 2 ROBINSON AVENUE, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops  
 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: 2005 Property Assessment

NAICS	SIC
811199	0
811112	0
811111	0
811119	0
811121	635
811112	635
811121	0
811119	635

Company Name	Year of Operation
Mahoney and Rich Garage	c. 1940
MOBIN FOUNDATION	c. 2005





CITY OF OTTAWA

HLUI ID: \_\_679GR5

AREA (Square Metres): 7784.982

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:00:59

**Study Year**  
1998

**PIN**  
042040267

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 2704                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 1672  
**Related PINS:** 042040242

**Name:** CITIES SERVICE OIL CO. LIMITED  
**Address:** MANN AVENUE, OTTAWA  
**Facility Type:** Railway Transport and Related Service Industries  
**Comments 1:** Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
**Comments 2:**

**Generator Number:**

**Storage Tanks:** Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

**HL References 2:**

**HL References 3:**

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

**Company Name**

Cities Service Oil Co. Ltd.

**Year of Operation**

c. 1930-1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GR5**  
**AREA (Square Metres): 7784.982**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:00:59

**Study Year**  
1998

**PIN**  
042040267

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9785

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 3454

**Related PINS:** 041250012

**Name:** NEW YORK CENTRAL RAILWAY

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Machine Shop Industry

**Comments 1:** Round House and workshops, machine shop, oil house. Coal Pocket and Sand Blast east of Round house -800-900 feet

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1912, M.1920, M.1922, M.1930, M.1940, M.1949, M.1950, M.1954, M.1957; FIP1901-key, Vol1; FIP1912-158-1121,Vol2;

**HL References 2:** FIP1912-158-1122,Vol2; FIP1922-158-1122,Vol2,FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

**HL References 3:**

NAICS	SIC
332710	308
482113	453
482112	453
333619	308
336350	308
454310	511
488210	453
336310	308
412110	511
483116	453
419120	511
482114	453

**Company Name**

**Year of Operation**

New York Central Railway

c. 1910-1956

Canadian National Railway

c. 1912-1956

# Historical Land Use Inventory

Activity Numbers –

**Adjacent Properties**

# Historical Land Use Inventory

## Area #1 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year

1998

2005

PIN

042050223

042050248

Multi-NAIC

Y

N

Multiple Activities

Y

N

Activity ID: 14296 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 042050248

Name: UNIVERSITY OF OTTAWA

Address: 255 HENDERSON AVENUE, OTTAWA

Facility Type: University Education

Comments 1: MINTO ARENA

Comments 2:

Generator Number: ON0179308

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS SIC

611310 0

Company Name

UNIVERSITY OF OTTAWA

Year of Operation

c. 2000



**CITY OF OTTAWA**

**HLUI ID: \_\_679ACI**

**AREA (Square Metres): 24928.227**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

**Study Year**

1998  
2005

**PIN**

042050223  
042050248

**Multi-NAIC**

Y  
N

**Multiple Activities**

Y  
N

**Activity ID:** 14539

**Multiple PINS:** N

**PIN Certainty:** 1

**Previous Activity ID(s) :** 7073

**Related PINS:** 042050223

**Name:** UNNAMED WASTE DISPOSAL SITE

**Address:** MANN AVENUE, OTTAWA

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

**Comments 1:** Listed as a former landfill, the years of operation and closure are unknown.

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** Intera-1988a

**HL References 2:**

**HL References 3:**

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

**Company Name**

Unnamed Waste Disposal Site

**Year of Operation**

c. 1988



CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042050223	Y	Y
2005	042050248	N	N

Activity ID: 4286 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) : 1083

Related PINS: 042050223

Name: DOLAN JOS AND SONS LIMITED

Address: 35 MANN AVENUE, OTTAWA

Facility Type: Petroleum Products, Wholesale

Comments 1: FIP - lists @ # 45

Comments 2:

Generator Number:

Storage Tanks: 1 UST - gasoline

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1955; FIP1901,vol2; FIP1912-90-424,vol1; FIP1922-90-423,vol1; FIP1948-217-424; FIP1956-217-4-424,vol2.

HL References 2:

HL References 3:

NAICS	SIC
419120	511
483116	453
444120	563
416310	563
488210	453
416320	563
482114	453
444190	563
454310	511
444110	563
416340	563
482113	453
482112	453
412110	511

Company Name

Dolan Jos and Sons Ltd

Year of Operation

c. 1940 -1956



CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042050223	Y	Y
2005	042050248	N	N

Activity ID: 5124      Multiple PINS: N  
 PIN Certainty: 2      Previous Activity ID(s) : 2379, 201  
 Related PINS: 042050223

Name: UNNAMED GASOLINE SERVICE STATION  
 Address: 25 MANN AVENUE, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks: Two (2) USTs (gasoline) in FIP1948 and three (3) USTs (gasoline) in FIP1956.

HL References 1: M.1900-1955; FIP1901-90-423,vol1; FIP1901-90-424,vol1; FIP1912-90-424,vol1; FIP1912-90-423,vol1;  
 FIP1922-90-423,vol1; FIP1922-90-424,vol1; FIP1948-217-4-424,vol2; FIP1948-217-423,vol2;  
 FIP1956-217-423,vol2; FIP1956-217-4-424,vol2.

HL References 2:

HL References 3:

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

Company Name	Year of Operation
Unnamed Gasoline Service Station	c. 1948-1956
Edward Griecten Garage	c. 1950-1956





CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042050223	Y	Y
2005	042050248	N	N

Activity ID: 6935 Multiple PINS: N

PIN Certainty: 2 Previous Activity ID(s) : 2374

Related PINS: 042050223

Name: INDEPENDENT COAL & LUMBER CO.

Address: 25 MANN AVENUE, OTTAWA

Facility Type: Other Petroleum and Coal Products Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: FIP1901-90-423,vol1; FIP1912-90-423,vol1; FIP1922-90-423,vol1; FIP1948-217-423,vol2.

HL References 2:

HL References 3:

NAICS	SIC
483116	453
416340	563
444110	563
324121	369
416320	563
482112	453
416310	563
482114	453
444120	563
444190	563
482113	453
488210	453

Company Name

Independent Coal & Lumber Co.

Year of Operation

c. 1922



CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042050223	Y	Y
2005	042050248	N	N

Activity ID: 6940 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) : 1082

Related PINS: 042050012

Name: INDEPENDENT COAL CO.

Address: MANN AVENUE, OTTAWA

Facility Type: Lumber and Building Materials, Wholesale

Comments 1: A Garage was at #9 Mann ave. 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
454310	511
416340	563
412110	511
416320	563
416310	563
444120	563
419120	511
444190	563
444110	563

Company Name

William Haste

Independent Coal Co.

Mahoney and Rich Garage

Year of Operation

c. 1920-1930

c. 1940

c. 1940



CITY OF OTTAWA

HLUI ID: \_\_679ACI

AREA (Square Metres): 24928.227

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:01:51

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042050223	Y	Y
2005	042050248	N	N

---

**Activity ID:** 8338                                **Multiple PINS:** N

**PIN Certainty:** 2                                **Previous Activity ID(s) :** 2377

**Related PINS:** 042050223

**Name:** MAHONEY & RICH LIMITED

**Address:** 33 MANN AVENUE, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:** 1960 - also lists Joseph Dolan & Sons Ltd., yard & garage

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1955, M.1960, M.1970, M.1980

**HL References 2:**

**HL References 3:**

NAICS	SIC
811121	635
811111	551
447190	633
415120	551
811199	633
447110	633
811112	635
415110	551
415190	551
811119	635
811310	551

**Company Name**

Mahoney & Rich Ltd.

**Year of Operation**

c. 1955-1970

# Historical Land Use Inventory

## Area #2 Activity Numbers



CITY OF OTTAWA  
 HLUI ID: \_\_670H0B  
 AREA (Square Metres): 2786.365

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:04:17

**Study Year**  
1998

**PIN**  
042050225

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 4286                                **Multiple PINS:** Y  
**PIN Certainty:** 1                                **Previous Activity ID(s) :** 1083  
**Related PINS:** 042050223

**Name:** DOLAN JOS AND SONS LIMITED  
**Address:** 35 MANN AVENUE, OTTAWA  
**Facility Type:** Petroleum Products, Wholesale  
**Comments 1:** FIP - lists @ # 45  
**Comments 2:**

**Generator Number:**

**Storage Tanks:** 1 UST - gasoline

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1955; FIP1901,vol2; FIP1912-90-424,vol1; FIP1922-90-423,vol1; FIP1948-217-424; FIP1956-217-4-424,vol2.

**HL References 2:**

**HL References 3:**

NAICS	SIC
419120	511
483116	453
444120	563
416310	563
488210	453
416320	563
482114	453
444190	563
454310	511
444110	563
416340	563
482113	453
482112	453
412110	511

**Company Name**

Dolan Jos and Sons Ltd

**Year of Operation**

c. 1940 -1956

# Historical Land Use Inventory

## Area #3 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679B99

AREA (Square Metres): 1360.565

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:05:19

Study Year  
2005

PIN  
042050224

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 14297 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 042050224

Name: UNIVERSITY OF OTTAWA

Address: 33 MANN AVENUE, OTTAWA

Facility Type: University Education

Comments 1: POWER RESOURCES GROUP

Comments 2:

Generator Number: ON0179300

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

<b>NAICS</b>	<b>SIC</b>
611310	0

**Company Name**

UNIVERSITY OF OTTAWA

**Year of Operation**

c. 2000

# Historical Land Use Inventory

## Area #4 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_679GTV

AREA (Square Metres): 8222.255

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:06:02

Study Year  
1998

PIN  
042050226

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 5733  
Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
Address: RUSSELL AVENUE, OTTAWA

Facility Type: Other Storage and Warehousing Industries

Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name

Corporation of the City of Ottawa Yard B

Year of Operation

c. 1956



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GNA**  
**AREA (Square Metres): 6282.158**

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:06:45

**Study Year**  
1998

**PIN**  
042050207

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5733  
**Related PINS:** 153240000  
**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B  
**Address:** RUSSELL AVENUE, OTTAWA  
**Facility Type:** Other Storage and Warehousing Industries  
**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
**HL References 2:**  
**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name	Year of Operation
Corporation of the City of Ottawa Yard B	c. 1956



CITY OF OTTAWA  
HLUI ID: \_\_679FIF  
AREA (Square Metres): 1145.708

Report: RPTC\_OT\_DEV0122  
Run On: 18 Oct 2019 at: 10:18:41

Study Year  
1998

PIN  
153240000

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783

Multiple PINS: Y

PIN Certainty: 2

Previous Activity ID(s) : 5733

Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B

Address: RUSSELL AVENUE, OTTAWA

Facility Type: Other Storage and Warehousing Industries

Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name

Corporation of the City of Ottawa Yard B

Year of Operation

c. 1956



**CITY OF OTTAWA**

HLUI ID: **\_\_679C83**

**AREA (Square Metres): 271.334**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:19:07

**Study Year**  
1998

**PIN**  
042050181

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783                                 **Multiple PINS:** Y  
**PIN Certainty:** 2                                 **Previous Activity ID(s) :** 5733  
**Related PINS:** 153240000  
**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B  
**Address:** RUSSELL AVENUE, OTTAWA  
**Facility Type:** Other Storage and Warehousing Industries  
**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
**HL References 2:**  
**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

<b>Company Name</b>	<b>Year of Operation</b>
Corporation of the City of Ottawa Yard B	c. 1956



CITY OF OTTAWA  
 HLUI ID: \_\_679D12  
 AREA (Square Metres): 400.017

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:19:39

Study Year 1998      PIN 042050180      Multi-NAIC Y      Multiple Activities N

Activity ID: 3783      Multiple PINS: Y  
 PIN Certainty: 2      Previous Activity ID(s) : 5733  
 Related PINS: 153240000  
 Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
 Address: RUSSELL AVENUE, OTTAWA  
 Facility Type: Other Storage and Warehousing Industries  
 Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
 Comments 2:  
 Generator Number:  
 Storage Tanks:  
 HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
 HL References 2:  
 HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name      Year of Operation  
 Corporation of the City of Ottawa Yard B      c. 1956



CITY OF OTTAWA

HLUI ID: \_\_679DQA

AREA (Square Metres): 343.029

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:20:04

Study Year  
1998

PIN  
042050179

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783                      Multiple PINS: Y  
 PIN Certainty: 2                      Previous Activity ID(s) : 5733  
 Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
 Address: RUSSELL AVENUE, OTTAWA  
 Facility Type: Other Storage and Warehousing Industries  
 Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
 Comments 2:  
 Generator Number:  
 Storage Tanks:  
 HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
 HL References 2:  
 HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name	Year of Operation
Corporation of the City of Ottawa Yard B	c. 1956



**CITY OF OTTAWA**  
**HLUI ID: \_\_679C6V**  
**AREA (Square Metres): 254.070**

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:20:54

**Study Year**  
1998

**PIN**  
042050178

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5733  
**Related PINS:** 153240000  
**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B  
**Address:** RUSSELL AVENUE, OTTAWA  
**Facility Type:** Other Storage and Warehousing Industries  
**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
**HL References 2:**  
**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956



**CITY OF OTTAWA**

**HLUI ID: \_\_679CLB**

**AREA (Square Metres): 119.215**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:21:16

**Study Year**  
1998

**PIN**  
042050177

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956





CITY OF OTTAWA

HLUI ID: \_\_679DZ9

AREA (Square Metres): 395.306

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:21:51

**Study Year**  
1998

**PIN**  
042050176

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783                      **Multiple PINS:** Y

**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

<b>NAICS</b>	<b>SIC</b>
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

<b>Company Name</b>	<b>Year of Operation</b>
Corporation of the City of Ottawa Yard B	c. 1956



**CITY OF OTTAWA**

**HLUI ID: \_\_679D27**

**AREA (Square Metres): 407.452**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:22:12

**Study Year**  
1998

**PIN**  
042050175

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956



**CITY OF OTTAWA**

**HLUI ID: \_\_679EBT**

**AREA (Square Metres): 837.745**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:22:45

**Study Year**  
1998

**PIN**  
042050174

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956



CITY OF OTTAWA

HLUI ID: \_\_679D60

AREA (Square Metres): 438.239

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:23:05

Study Year  
1998

PIN  
042050173

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783                      Multiple PINS: Y  
PIN Certainty: 2                      Previous Activity ID(s) : 5733  
Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
Address: RUSSELL AVENUE, OTTAWA

Facility Type: Other Storage and Warehousing Industries

Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name

Corporation of the City of Ottawa Yard B

Year of Operation

c. 1956



**CITY OF OTTAWA**

**HLUI ID: \_\_679DRO**

**AREA (Square Metres): 347.137**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:23:37

**Study Year**  
1998

**PIN**  
042050172

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956



CITY OF OTTAWA

HLUI ID: \_\_679GXO

AREA (Square Metres): 363.434

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:24:55

Study Year  
1998

PIN  
042050170

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 5733  
Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
Address: RUSSELL AVENUE, OTTAWA  
Facility Type: Other Storage and Warehousing Industries  
Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
Comments 2:  
Generator Number:  
Storage Tanks:  
HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
HL References 2:  
HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name Year of Operation  
Corporation of the City of Ottawa Yard B c. 1956



CITY OF OTTAWA

HLUI ID: \_\_679CKO

AREA (Square Metres): 105.667

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:25:39

Study Year  
1998

PIN  
042050165

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3783

Multiple PINS: Y

PIN Certainty: 2

Previous Activity ID(s) : 5733

Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B

Address: RUSSELL AVENUE, OTTAWA

Facility Type: Other Storage and Warehousing Industries

Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

HL References 2:

HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name

Corporation of the City of Ottawa Yard B

Year of Operation

c. 1956



CITY OF OTTAWA  
 HLUI ID: \_\_679CLZ

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:26:39

AREA (Square Metres): 116.310

Study Year  
 1998

PIN  
 042050166

Multi-NAIC  
 Y

Multiple Activities  
 N

Activity ID: 3783 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 5733  
 Related PINS: 153240000

Name: CORPORATION OF THE CITY OF OTTAWA YARD B  
 Address: RUSSELL AVENUE, OTTAWA  
 Facility Type: Other Storage and Warehousing Industries  
 Comments 1: Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
 Comments 2:  
 Generator Number:  
 Storage Tanks:  
 HL References 1: M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
 HL References 2:  
 HL References 3:

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name	Year of Operation
Corporation of the City of Ottawa Yard B	c. 1956





**CITY OF OTTAWA**  
**HLUI ID: \_\_679CJJ**  
**AREA (Square Metres): 78.630**

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:27:06

**Study Year**  
1998

**PIN**  
042050167

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5733  
**Related PINS:** 153240000  
**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B  
**Address:** RUSSELL AVENUE, OTTAWA  
**Facility Type:** Other Storage and Warehousing Industries  
**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426  
**HL References 2:**  
**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

Company Name	Year of Operation
Corporation of the City of Ottawa Yard B	c. 1956



CITY OF OTTAWA

HLUI ID: \_\_679CTV

AREA (Square Metres): 176.799

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:27:41

**Study Year**  
1998

**PIN**  
042050169

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956



**CITY OF OTTAWA**

**HLUI ID: \_\_679CKQ**

**AREA (Square Metres): 107.724**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:28:35

**Study Year**  
1998

**PIN**  
042050168

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 3783

**Multiple PINS:** Y

**PIN Certainty:** 2

**Previous Activity ID(s) :** 5733

**Related PINS:** 153240000

**Name:** CORPORATION OF THE CITY OF OTTAWA YARD B

**Address:** RUSSELL AVENUE, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:** Two incinerators on property -Iron Chimneys Equipment storage. Storage for salt, sand and snow,

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-92-426,Vol1; FIP1922-92-426,Vol1; FIP1948-218-426; FIP1956-218-3-426

**HL References 2:**

**HL References 3:**

NAICS	SIC
562210	499
562920	499
562990	499
913910	835
493190	479
221320	499
493120	479
493130	479
221330	499

**Company Name**

Corporation of the City of Ottawa Yard B

**Year of Operation**

c. 1956

# Historical Land Use Inventory

## Area #5 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679DQP**

**AREA (Square Metres): 340.431**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:23:58

**Study Year**  
1998

**PIN**  
042050171

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 3073 **Multiple PINS:** N

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

**Related PINS:** 042050171

**Name:** CAPITAL STUDENT WINDOW WASHING

**Address:** 254 RUSSELL AVENUE,

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

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

NAICS	SIC
561722	0
561799	0

**Company Name**

CAPITAL STUDENT WINDOW WASHING

**Year of Operation**

c. 2005



# Historical Land Use Inventory

## Area #6 Activity Numbers



CITY OF OTTAWA  
 HLUI ID: \_\_679C1D  
 AREA (Square Metres): 226.912

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:32:26

**Study Year**  
1998

**PIN**  
042050143

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 9509                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 3419

**Related PINS:** 042050050

**Name:** NADELL RUBIN  
**Address:** 662 CHAPEL STREET, OTTAWA  
**Facility Type:** Waste Materials, Wholesale  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

NAICS	SIC
418190	591
415310	591
418110	591

**Company Name**

Nadell Rubin

**Year of Operation**

c. 1970





CITY OF OTTAWA  
HLUI ID: \_\_679GWN

AREA (Square Metres): 311.198

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:32:51

**Study Year**  
1998

**PIN**  
042050050

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 9509 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 3419

**Related PINS:** 042050050

**Name:** NADELL RUBIN

**Address:** 662 CHAPEL STREET, OTTAWA

**Facility Type:** Waste Materials, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

NAICS	SIC
418190	591
415310	591
418110	591

**Company Name**

Nadell Rubin

**Year of Operation**

c. 1970

# Historical Land Use Inventory

## Area #7 Activity Numbers



CITY OF OTTAWA  
HLUI ID: \_\_679F1L  
AREA (Square Metres): 2071.188

Report: RPTC\_OT\_DEV0122  
Run On: 18 Oct 2019 at: 10:38:24

**Study Year**  
1998

**PIN**  
042060279

**Multi-NAIC**  
Y

**Multiple Activities**  
N

---

**Activity ID:** 10855                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 2974  
**Related PINS:** 042060279  
**Name:** SANDY HILL SPEED CLEANERS  
**Address:** 99 MANN AVENUE, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**Comments 1:**  
**Comments 2:**  
**Generator Number:** ON2089300  
**Storage Tanks:**  
**HL References 1:** M.1960, M.1970, M.1980  
**HL References 2:**  
**HL References 3:** 2000 PID

NAICS	SIC
812330	972
812320	972
812320	0
812310	972
561740	972

Company Name	Year of Operation
SANDY HILL SPEED CLEANERS	c. 2000
SANDY HILL SPEED QUEEN	c. 2001
Parkers Cleaners & Dyers Ltd.	c. 1960-1970
Spotless Cleaners	c. 1970

# Historical Land Use Inventory

## Area #8 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GN6**

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 10:39:17

**AREA (Square Metres): 6269.241**

**Study Year**  
1998

**PIN**  
042040242

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 2704                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 1672  
**Related PINS:** 042040242

**Name:** CITIES SERVICE OIL CO. LIMITED  
**Address:** MANN AVENUE, OTTAWA  
**Facility Type:** Railway Transport and Related Service Industries  
**Comments 1:** Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
**Comments 2:**

**Generator Number:**

**Storage Tanks:** Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

**HL References 2:**

**HL References 3:**

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

**Company Name**

Cities Service Oil Co. Ltd.

**Year of Operation**

c. 1930-1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GN6**  
**AREA (Square Metres): 6269.241**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:39:17

**Study Year**  
1998

**PIN**  
042040242

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6507 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 1783

**Related PINS:** 042040242

**Name:** JASON J. CHILCOTT

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Flour, Prepared Cereal Food and Feed Industries

**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
311230	105
311119	105
311822	105
311111	105

**Company Name**

Chilcott Jas J.

**Year of Operation**

c. 1940



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GN6**  
**AREA (Square Metres): 6269.241**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:39:17

**Study Year**  
1998

**PIN**  
042040242

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8339                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 1786  
**Related PINS:** 042040270  
**Name:** MOBIN FOUNDATION  
**Address:** 2 ROBINSON AVENUE, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops  
**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:** 2005 Property Assessment

NAICS	SIC
811199	0
811112	0
811111	0
811119	0
811121	635
811112	635
811121	0
811119	635

Company Name	Year of Operation
Mahoney and Rich Garage	c. 1940
MOBIN FOUNDATION	c. 2005

# Historical Land Use Inventory

## Area #9 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_679G80

AREA (Square Metres): 16972.743

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:40:22

Study Year  
1998

PIN  
042040269

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2704 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1672  
Related PINS: 042040242

Name: CITIES SERVICE OIL CO. LIMITED  
Address: MANN AVENUE, OTTAWA  
Facility Type: Railway Transport and Related Service Industries  
Comments 1: Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
Comments 2:

Generator Number:

Storage Tanks: Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

Company Name

Cities Service Oil Co. Ltd.

Year of Operation

c. 1930-1960



CITY OF OTTAWA

HLUI ID: \_\_679G80

AREA (Square Metres): 16972.743

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:40:22

Study Year  
1998

PIN  
042040269

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6507 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1783

Related PINS: 042040242

Name: JASON J. CHILCOTT  
Address: MANN AVENUE, OTTAWA  
Facility Type: Flour, Prepared Cereal Food and Feed Industries

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
311230	105
311119	105
311822	105
311111	105

Company Name

Chilcott Jas J.

Year of Operation

c. 1940



CITY OF OTTAWA

HLUI ID: \_\_679G80

AREA (Square Metres): 16972.743

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:40:22

Study Year  
1998

PIN  
042040269

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6937 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 1668

Related PINS: 042040265

Name: INDEPENDENT COAL AND LUMBER CO.

Address: MANN AVENUE, OTTAWA

Facility Type: Lumber and Building Materials, Wholesale

Comments 1: Coal Yard, Coal Piles and Bunker Railway also listed on Hurdman rd.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1949, M.1950, M.1954, M.1957, M.1960, M.1970, M.1980;  
FIP1901-key,Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
482113	453
412110	511
416310	563
482112	453
488210	453
416320	563
444110	563
454310	511
444120	563
483116	453
419120	511
444190	563
416340	563
482114	453

Company Name

Year of Operation

CNR yards	c. 1930-1940
Independent Coal and Lumber Co.	c. 1940-1960
Canadian Northern Ontario Railway-Freight Sheds and Station	c. 1920



CITY OF OTTAWA

HLUI ID: \_\_679G80

AREA (Square Metres): 16972.743

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:40:22

Study Year  
1998

PIN  
042040269

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 8339 Multiple PINS: N  
 PIN Certainty: 1 Previous Activity ID(s) : 1786  
 Related PINS: 042040270  
 Name: MOBIN FOUNDATION  
 Address: 2 ROBINSON AVENUE, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops  
 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: 2005 Property Assessment

NAICS	SIC
811199	0
811112	0
811111	0
811119	0
811121	635
811112	635
811121	0
811119	635

Company Name	Year of Operation
Mahoney and Rich Garage	c. 1940
MOBIN FOUNDATION	c. 2005



CITY OF OTTAWA

HLUI ID: \_\_679CC7

AREA (Square Metres): 298.757

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:41:26

Study Year  
1998

PIN  
042040265

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2704                      Multiple PINS: Y  
PIN Certainty: 2                      Previous Activity ID(s) : 1672  
Related PINS: 042040242

Name: CITIES SERVICE OIL CO. LIMITED  
Address: MANN AVENUE, OTTAWA  
Facility Type: Railway Transport and Related Service Industries  
Comments 1: Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
Comments 2:

Generator Number:

Storage Tanks: Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

Company Name

Cities Service Oil Co. Ltd.

Year of Operation

c. 1930-1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679CC7**  
**AREA (Square Metres): 298.757**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:41:26

**Study Year**  
1998

**PIN**  
042040265

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6507 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 1783

**Related PINS:** 042040242

**Name:** JASON J. CHILCOTT

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Flour, Prepared Cereal Food and Feed Industries

**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
311230	105
311119	105
311822	105
311111	105

**Company Name**

Chilcott Jas J.

**Year of Operation**

c. 1940





CITY OF OTTAWA  
HLUI ID: \_\_679CC7  
AREA (Square Metres): 298.757

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:41:26

**Study Year**  
1998

**PIN**  
042040265

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

---

**Activity ID:** 8339                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 1786  
**Related PINS:** 042040270  
**Name:** MOBIN FOUNDATION  
**Address:** 2 ROBINSON AVENUE, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops  
**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:** 2005 Property Assessment

NAICS	SIC
811199	0
811112	0
811111	0
811119	0
811121	635
811112	635
811121	0
811119	635

Company Name	Year of Operation
Mahoney and Rich Garage	c. 1940
MOBIN FOUNDATION	c. 2005



# Historical Land Use Inventory

## Area #10 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679FUU

AREA (Square Metres): 1771.613

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:43:17

Study Year  
1998

PIN  
042040263

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2704 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1672  
Related PINS: 042040242

Name: CITIES SERVICE OIL CO. LIMITED  
Address: MANN AVENUE, OTTAWA  
Facility Type: Railway Transport and Related Service Industries  
Comments 1: Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
Comments 2:

Generator Number:

Storage Tanks: Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

Company Name

Cities Service Oil Co. Ltd.

Year of Operation

c. 1930-1960



**CITY OF OTTAWA**

**HLUI ID: \_\_679FUU**

**AREA (Square Metres): 1771.613**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:43:17

**Study Year**  
1998

**PIN**  
042040263

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9785 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 3454

**Related PINS:** 041250012

**Name:** NEW YORK CENTRAL RAILWAY

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Machine Shop Industry

**Comments 1:** Round House and workshops, machine shop, oil house. Coal Pocket and Sand Blast east of Round house -800-900 feet

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1912, M.1920, M.1922, M.1930, M.1940, M.1949, M.1950, M.1954, M.1957; FIP1901-key, Vol1; FIP1912-158-1121,Vol2;

**HL References 2:** FIP1912-158-1122,Vol2; FIP1922-158-1122,Vol2,FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

**HL References 3:**

NAICS	SIC
332710	308
482113	453
482112	453
333619	308
336350	308
454310	511
488210	453
336310	308
412110	511
483116	453
419120	511
482114	453

**Company Name**

**Year of Operation**

New York Central Railway

c. 1910-1956

Canadian National Railway

c. 1912-1956



CITY OF OTTAWA

HLUI ID: \_\_679GCN

AREA (Square Metres): 24022.668

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:42:14

Study Year  
1998

PIN  
042040268

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2704 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 1672  
 Related PINS: 042040242

Name: CITIES SERVICE OIL CO. LIMITED  
 Address: MANN AVENUE, OTTAWA  
 Facility Type: Railway Transport and Related Service Industries  
 Comments 1: Two (2) electric pump houses. FIP1948-located at 20 Mann ave.  
 Comments 2:

Generator Number:

Storage Tanks: Six (6) gasoline USTs, three (3) of which are noted as 15 000 Gallons each. Three (3) fuel oil tanks, an oil warehouse, and garage-FIP1949, FIP1956

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; FIP1901-key, Vol1; FIP1912-158-1121,Vol2; FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 2:

HL References 3:

NAICS	SIC
419120	511
811310	551
415190	551
454310	511
493190	479
415110	551
412110	511
415120	551
493130	479
493120	479
482114	453
483116	453
482113	453
488210	453
482112	453
811111	551

Company Name

Cities Service Oil Co. Ltd.

Year of Operation

c. 1930-1960



CITY OF OTTAWA  
HLUI ID: \_\_679GCM  
AREA (Square Metres): 24022.668

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 10:42:14

**Study Year**  
1998

**PIN**  
042040268

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9785 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 3454

**Related PINS:** 041250012

**Name:** NEW YORK CENTRAL RAILWAY

**Address:** MANN AVENUE, OTTAWA

**Facility Type:** Machine Shop Industry

**Comments 1:** Round House and workshops, machine shop, oil house. Coal Pocket and Sand Blast east of Round house -800-900 feet

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1912, M.1920, M.1922, M.1930, M.1940, M.1949, M.1950, M.1954, M.1957; FIP1901-key, Vol1; FIP1912-158-1121,Vol2;

**HL References 2:** FIP1912-158-1122,Vol2; FIP1922-158-1122,Vol2,FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

**HL References 3:**

NAICS	SIC
332710	308
482113	453
482112	453
333619	308
336350	308
454310	511
488210	453
336310	308
412110	511
483116	453
419120	511
482114	453

**Company Name**

**Year of Operation**

New York Central Railway

c. 1910-1956

Canadian National Railway

c. 1912-1956

# Historical Land Use Inventory

## Area #11 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679F3L**

**AREA (Square Metres): 2215.336**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:52:57

**Study Year**  
1998

**PIN**  
042040245

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2633                                       **Multiple PINS:** N

**PIN Certainty:** 1                                       **Previous Activity ID(s) :** 4329

**Related PINS:** 042040245

**Name:** CENTRAL HEATING PLANT

**Address:** 758 CHAPEL CRESCENT, OTTAWA

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

**Comments 1:** FIP1922 - street did not exist, it was farmland Might's does not have a listing for this building (1954 - 1957) - coal storage

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1922, M.1948, M.1954, M.1956, M.1957; FIP1922-163-1153A,vol2; FIP1948-235-1153A, FIP1956-235-1-1153A

**HL References 2:**

**HL References 3:**

<b>NAICS</b>	<b>SIC</b>
221320	499
562920	499
221330	499
562990	499
562210	499

**Company Name**

Central Heating Plant

**Year of Operation**

c. 1956

# Historical Land Use Inventory

## Area #12 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_679GCV

AREA (Square Metres): 24654.022

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:56:22

Study Year  
1998

PIN  
042070134

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 8227 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 5129  
 Related PINS: 042070134

Name: MANUFACTURERS PRODUCTS LIMITED  
 Address: HURDMAN ROAD, OTTAWA  
 Facility Type: Other Storage and Warehousing Industries  
 Comments 1:  
 Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1955; FIP1901,vol2; FIP1912-163-1153,vol2; FIP1922-163-1153,vol2; FIP1948-234-1153,vol2; FIP1956-234-4-1153,vol2.

HL References 2:

HL References 3:

NAICS	SIC
444190	563
493120	479
493190	479
416310	563
416340	563
416320	563
444120	563
493130	479
444110	563

Company Name

Manufacturers Products Ltd.

Year of Operation

c. 1956

# Historical Land Use Inventory

## Area #13 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679EGA

AREA (Square Metres): 1046.854

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:57:33

Study Year  
1998

PIN  
042070351

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 11669 Multiple PINS: N

PIN Certainty: 2 Previous Activity ID(s) : 5572

Related PINS: 042070351

Name: RIDEAU SUPPLY CO.

Address: HURDMAN ROAD, OTTAWA

Facility Type: Lumber and Building Materials, Wholesale

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
444110	563
321112	251
416320	563
321111	251
321920	251
416340	563
444120	563
416310	563
321919	251
444190	563

Company Name

Rideau Supply Co.

Year of Operation

c. 1930



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EGA**  
**AREA (Square Metres): 1046.854**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:57:33

**Study Year**  
1998

**PIN**  
042070351

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 7030                      **Multiple PINS:** N  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5082

**Related PINS:** 042070351

**Name:** IDEAL ROOFING CO.  
**Address:** 3 HURDMAN ROAD, OTTAWA

**Facility Type:** Exterior Close In Work

**Comments 1:** M. 1948 - also lists as sheet metal roofers

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950; FIP1901,vol2; FIP1912-163- 1153,vol2; FIP1922-163-1153,vol2; FIP1948-234-1153

**HL References 2:**

**HL References 3:**

NAICS	SIC
238140	423
238310	423
238220	424
238150	423
238160	423

**Company Name**

Ideal Roofing Co.

**Year of Operation**

c. 1940-1956



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EGA**  
**AREA (Square Metres): 1046.854**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:57:33

**Study Year**  
1998

**PIN**  
042070351

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8227                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5129

**Related PINS:** 042070134

**Name:** MANUFACTURERS PRODUCTS LIMITED

**Address:** HURDMAN ROAD, OTTAWA

**Facility Type:** Other Storage and Warehousing Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1955; FIP1901,vol2; FIP1912-163-1153,vol2; FIP1922-163-1153,vol2; FIP1948-234-1153,vol2; FIP1956-234-4-1153,vol2.

**HL References 2:**

**HL References 3:**

NAICS	SIC
444190	563
493120	479
493190	479
416310	563
416340	563
416320	563
444120	563
493130	479
444110	563

**Company Name**

Manufacturers Products Ltd.

**Year of Operation**

c. 1956

# Historical Land Use Inventory

## Area #14 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679G6I**

**AREA (Square Metres): 13246.110**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:58:44

**Study Year**  
1998

**PIN**  
042040249

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10589 **Multiple PINS:** N

**PIN Certainty:** 2 **Previous Activity ID(s) :** 5722

**Related PINS:** 042040249

**Name:** OTTAWA GAS CO.

**Address:** LEES AVENUE, OTTAWA

**Facility Type:** Other Petroleum and Coal Products Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, Intera-1988b

**HL References 2:**

**HL References 3:**

NAICS	SIC
221210	492
324121	369

**Company Name**

**Year of Operation**

Ottawa Light, Heat and Power Co. Ltd.

Ottawa Gas Co.

c. 1940

# Historical Land Use Inventory

## Area #15 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_670IOR

AREA (Square Metres): 19997.739

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:59:31

Study Year  
1998

PIN  
042040227

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: \_\_670IOR

AREA (Square Metres): 19997.739

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:59:31

Study Year  
1998

PIN  
042040227

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: \_\_670IOR

AREA (Square Metres): 19997.739

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 11:59:31

**Study Year**  
1998

**PIN**  
042040227

**Multi-NAIC**  
Y

**Multiple Activities**  
N

---

Unnamed Waste Disposal Site

c. 1966

# Historical Land Use Inventory

## Area #16 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679G96

AREA (Square Metres): 18602.177

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:00:18

Study Year  
1998

PIN  
042040233

Multi-NAIC  
Y

Multiple Activities  
Y

**Activity ID:** 10591                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 2928  
**Related PINS:** 042040233

**Name:** OTTAWA GAS LIMITED  
**Address:** 175 LEES AVENUE, OTTAWA

**Facility Type:** Refined Petroleum Products Industries

**Comments 1:** Formerly a coal gas plant. The site is known to have coal tar contamination. There was an underground ammonia well separator, ammonia liquor well, underground tar separator, and a tar well.

**Comments 2:** Exhaust house: purifying/condenser/boiler/water/gas, coal shed & piles, machine shop, lab, steel storage, and transformer room. This site is bounded by the train tracks to the east.

**Generator Number:**

**Storage Tanks:** 1 AST- 9.35 m gal., 1 AST- 511,000 gal., 2 AST - gas ( not there in 1922, 1948), 2 UST - oil, 1 UST - lime

**HL References 1:** M.1948, M.1960, M.1963, M.1970, M.1980; FIP1901,vol2; FIP1912,vol2; FIP1922-259-1247; FIP1948-234-1247, Gloucester Roots -1991, Intera-1988b

**HL References 2:**

**HL References 3:**

NAICS	SIC
454310	511
324110	361
324190	361
419120	511
221210	492
412110	511

**Company Name**

Ottawa Gas Ltd.

**Year of Operation**

c. 1912-1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679G96**  
**AREA (Square Metres): 18602.177**

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:00:18

**Study Year**  
1998

**PIN**  
042040233

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 11973                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6855  
**Related PINS:** 042040233  
**Name:** REGIONAL MUNICIPALITY OF OTTAWA-CARLETON  
**Address:** LEES AVENUE, OTTAWA  
**Facility Type:** Other Petroleum and Coal Products Industries  
**Comments 1:** Groundwater contaminated with coal tar. Generator #ON0303104 (waste generator)  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** PID1994  
**HL References 2:**  
**HL References 3:**

NAICS	SIC
221310	493
913910	835
324121	369

Company Name	Year of Operation
Regional Municipality of Ottawa-Carleton	c. 1994



CITY OF OTTAWA

HLUI ID: \_\_679G96

AREA (Square Metres): 18602.177

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:00:18

Study Year  
1998

PIN  
042040233

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 3631 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 042040233

Name: CITY OF OTTAWA  
Address: 191 LEES AVENUE, OTTAWA

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

Comments 1: LEES AVENUE TRANSIT STATION

Comments 2:

Generator Number: ON0303104

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS SIC  
221320 0

Company Name

CITY OF OTTAWA

Year of Operation

c. 2003

# Historical Land Use Inventory

## Area #17 Activity Numbers





CITY OF OTTAWA  
 HLUI ID: \_\_679G5A

Report: RPTC\_OT\_DEV0122  
 Run On: 18 Oct 2019 at: 12:03:07

AREA (Square Metres): 12987.045

Study Year  
 1998

PIN  
 042040235

Multi-NAIC  
 Y

Multiple Activities  
 Y

Activity ID: 10591 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 2928  
 Related PINS: 042040233

Name: OTTAWA GAS LIMITED  
 Address: 175 LEES AVENUE, OTTAWA

Facility Type: Refined Petroleum Products Industries

Comments 1: Formerly a coal gas plant. The site is known to have coal tar contamination. There was an underground ammonia well separator, ammonia liquor well, underground tar separator, and a tar well.

Comments 2: Exhaust house: purifying/condenser/boiler/water/gas, coal shed & piles, machine shop, lab, steel storage, and transformer room. This site is bounded by the train tracks to the east.

Generator Number:

Storage Tanks: 1 AST- 9.35 m gal., 1 AST- 511,000 gal., 2 AST - gas ( not there in 1922, 1948), 2 UST - oil, 1 UST - lime

HL References 1: M.1948, M.1960, M.1963, M.1970, M.1980; FIP1901,vol2; FIP1912,vol2; FIP1922-259-1247; FIP1948-234-1247, Gloucester Roots -1991, Intera-1988b

HL References 2:

HL References 3:

NAICS	SIC
454310	511
324110	361
324190	361
419120	511
221210	492
412110	511

Company Name

Ottawa Gas Ltd.

Year of Operation

c. 1912-1960



CITY OF OTTAWA

HLUI ID: \_\_679G5A

AREA (Square Metres): 12987.045

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:03:07

Study Year  
1998

PIN  
042040235

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 740 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 2748, 2750, 4253  
 Related PINS: 042040232  
 Name: D. & D. GARAGE REG'D  
 Address: 230 HAWTHORNE AVENUE, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops  
 Comments 1:  
 Comments 2:  
 Generator Number:  
 Storage Tanks:  
 HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980  
 HL References 2:  
 HL References 3:

NAICS	SIC
811121	635
811112	635
811119	635

Company Name	Year of Operation
Ben's Auto Service	c. 1950
Rick's Garage	c. 1960
D. & D. Garage Reg'd	c. 1960

# Historical Land Use Inventory

## Area #18 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_670IU3

AREA (Square Metres): 192814.843

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:04:01

Study Year  
1998

PIN  
042040232

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 14538 Multiple PINS: Y  
PIN Certainty: 1 Previous Activity ID(s) : 7070

Related PINS: 152300000

Name: UNNAMED WASTE DISPOSAL SITE

Address: LEES AVENUE, OTTAWA

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

Comments 1: Listed as a former landfill site, the years of operation and closure are unknown. Lot 6, Consession D

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: Intera-1988a

HL References 2:

HL References 3:

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

Company Name

Unnamed Waste Disposal Site

Year of Operation

c. 1988



CITY OF OTTAWA

HLUI ID: \_\_670IU3

AREA (Square Metres): 192814.843

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:04:01

Study Year  
1998

PIN  
042040232

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 740 Multiple PINS: Y  
 PIN Certainty: 2 Previous Activity ID(s) : 2748, 2750, 4253  
 Related PINS: 042040232  
 Name: D. & D. GARAGE REG'D  
 Address: 230 HAWTHORNE AVENUE, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops  
 Comments 1:  
 Comments 2:  
 Generator Number:  
 Storage Tanks:  
 HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980  
 HL References 2:  
 HL References 3:

NAICS	SIC
811121	635
811112	635
811119	635

Company Name	Year of Operation
Ben's Auto Service	c. 1950
Rick's Garage	c. 1960
D. & D. Garage Reg'd	c. 1960



CITY OF OTTAWA

HLUI ID: \_\_670IU3

AREA (Square Metres): 192814.843

Report: RPTC\_OT\_DEV0122

Run On: 18 Oct 2019 at: 12:04:01

Study Year  
1998

PIN  
042040232

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 9785 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 3454

Related PINS: 041250012

Name: NEW YORK CENTRAL RAILWAY

Address: MANN AVENUE, OTTAWA

Facility Type: Machine Shop Industry

Comments 1: Round House and workshops, machine shop, oil house. Coal Pocket and Sand Blast east of Round house -800-900 feet

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1912, M.1920, M.1922, M.1930, M.1940, M.1949, M.1950, M.1954, M.1957; FIP1901-key, Vol1; FIP1912-158-1121,Vol2;

HL References 2: FIP1912-158-1122,Vol2; FIP1922-158-1122,Vol2,FIP1922-158-1121,Vol2; FIP1948-234-1121; FIP1956-234-2-1121,Vol2

HL References 3:

NAICS	SIC
332710	308
482113	453
482112	453
333619	308
336350	308
454310	511
488210	453
336310	308
412110	511
483116	453
419120	511
482114	453

Company Name

Year of Operation

New York Central Railway

c. 1910-1956

Canadian National Railway

c. 1912-1956

[Go Back to Map](#)

## Well ID

Well ID Number: 7193539  
 Well Audit Number: Z154383  
 Well Tag Number: A136985

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVENUE
<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: 447456.00 Northing: 5029621.00
<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	LOAM	DRY	SOFT	0 m	.61 m
BRWN	SAND	DRY	SOFT	.61 m	1.83 m

BRWN	FSND	CLAY	HARD	1.83 m	3.66 m
BRWN	MSND	HARD	WBRG	3.66 m	6.1 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-0.91 m	0 m	STICKUP/MONUMENT	
0 m	2.74 m	BENSEAL	
2.74 m	6.1 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
5.2 cm	PLASTIC	0 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193506  
 Well Audit Number: Z163333  
 Well Tag Number: A136979

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE.
<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: 447473.00 Northing: 5029603.00
<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	GRVL	SAND	SOFT	0 m	.61 m
BRWN	SAND	GRVL	SOFT	.61 m	2.74 m

BLCK	SAND	SILT	SOFT	2.74 m	4.88 m
GREY	GRVL	SAND	DNSE	4.88 m	6.71 m
BLCK	GRVL	SAND	DNSE	6.71 m	7.62 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	4.27 m	BENONITE	
4.27 m	7.62 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	7.62 m	10.62 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193505  
 Well Audit Number: Z163334  
 Well Tag Number: A136980

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVENUE
<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: 447473.00 Northing: 5029603.00
<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	GRVL	SOFT	0 m	.91 m
BRWN	SAND	SILT	SOFT	.91 m	2.13 m

GREY

GRVL

SAND

DNSE

2.13 m 4.57 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE, MONUMENT	
.31 m	1.22 m	BENTONITE	
1.22 m	4.57 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	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	1 m	1.54 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.54 m	4.57 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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	4.57 m	10.62 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193412  
 Well Audit Number: Z154384  
 Well Tag Number: A136986

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447473.00 Northing: 5029603.00
<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	LOAM	SOFT	DRY	0 m	.61 m
BRWN	SAND	----	SOFT	.61 m	1.83 m



BRWN	SAND	HARD	DRY	1.83 m	3.66 m
BRWN	FSND	SILT	HARD	3.66 m	4.57 m
BRWN	SAND	CLAY	HARD	4.57 m	6.1 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-91 m	0 m	STICKUP/MONUMENT	
0 m	2.74 m	BENSEAL	
2.74 m	6.1 m	SAND	

## Method of Construction & Well Use

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

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193538  
 Well Audit Number: Z163335  
 Well Tag Number: A136981

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE.
<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: 447473.00 Northing: 5029603.00
<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	GRVL	LOOS	0 m	.61 m
BRWN	SAND	SILT	SOFT	.61 m	3.38 m

GREY	SAND	SILT	SOFT	3.38 m	4.88 m
GREY	GRVL	SAND	DNSE	4.88 m	6.4 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	MONUMENT/ CONCRETE	
.31 m	3.1 m	BENTONITE	
3.1 m	6.4 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	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	-1 m	3.35 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.35 m	6.4 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**

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**Well Production**

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**Disinfected?**

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**Draw Down & Recovery**

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**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**

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**Water Found at Depth   Kind**

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**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.4 m	10.62 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193507  
 Well Audit Number: Z163332  
 Well Tag Number: A136978

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE.
<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: 447473.00 Northing: 5029603.00
<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		SOFT	0 m	.91 m
BRWN	SAND	SILT	SOFT	.91 m	2.44 m

BLCK	SAND	GRVL	DNSE	2.44 m	4.27 m
GREY	GRVL	SAND	DNSE	4.27 m	6.1 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 FILTER SAND BENTONITE	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	-1 m	2.74 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## 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

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**Duration of Pumping**

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**Final water level**

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**If flowing give rate**

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**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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	10.82 cm



[Go Back to Map](#)

## Well ID

Well ID Number: 7193508  
 Well Audit Number: Z163336  
 Well Tag Number: A136982

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE.
<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: 447473.00 Northing: 5029603.00
<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	GRVL	SOFT	0 m	.61 m
BRWN	SAND	SILT	SOFT	.61 m	2.44 m

BLCK	SAND	GRVL	DNSE	2.44 m	4.27 m
GREY	GRVL	SAND	DNSE	4.27 m	6.1 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/MONUMENT	
.31 m	2.74 m	BENTONITE	
2.74 m	6.1 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	-1 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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>
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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**

<b>Water Found at Depth</b>	<b>Kind</b>
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**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	10.62 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193411  
 Well Audit Number: Z154385  
 Well Tag Number: A136984

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447494.00 Northing: 5029610.00
<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	LOAM	SOFT	DRY	0 m	.61 m
BRWN	SAND	----	SOFT	.61 m	1.5 m

BRWN	SAND	CLAY	HARD	1.5 m	3.1 m
BRWN	SAND	CLAY	HARD	3.1 m	4.57 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-0.91 m	0 m	STICKUP/MONUMENT	
0 m	1.22 m	BENSEAL	
1.22 m	4.57 m	SAND	

## Method of Construction & Well Use

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

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	1.5 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.5 m	4.57 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

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**Duration of Pumping**

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**Final water level**

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**If flowing give rate**

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**Recommended pump depth**

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---

**Recommended pump rate**

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**Well Production**

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**Disinfected?**

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**Draw Down & Recovery**

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**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**

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**Water Found at Depth   Kind**

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**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	4.57 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7193540  
 Well Audit Number: Z154386  
 Well Tag Number: A136983

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE.
<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: 447490.00 Northing: 5029623.00
<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	LOAM	SOFT	DRY	0 m	.61 m
BRWN	SAND	SOFT	DRY	.61 m	1.83 m

BRWN	FSND	STNS	HARD	1.83 m	3.66 m
BRWN	MSND	STNS	HARD	3.66 m	4.57 m
BRWN	MSND		HARD	4.57 m	6.1 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-0.91 m	0 m	STICKUP/ MONUMENT	
0 m	2.74 m	BENSEAL	
2.74 m	6.1 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
5.2 cm	PLASTIC	0 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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>
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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**

<b>Water Found at Depth</b>	<b>Kind</b>
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**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7251494  
 Well Audit Number: Z82652  
 Well Tag Number: A145285

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON ROAD
<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: 447532.00 Northing: 5029569.00
<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
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## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	7.38 ft	HOLEPLUG	

## Method of Construction & Well Use

Method of Construction	Well Use
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## Status of Well

Abandoned-Other

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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## 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: 6894

## 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**

<b>Water Found at Depth</b>	<b>Kind</b>
6.1 ft	Untested

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
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**Audit Number:** Z82652**Date Well Completed:**

[Go Back to Map](#)

## Well ID

Well ID Number: 7201661  
 Well Audit Number: Z168577  
 Well Tag Number: A136982

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447546.00 Northing: 5029584.00
<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
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## Annular Space/Abandonment Sealing Record

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

## Method of Construction & Well Use

Method of Construction	Well Use
Other Method HAND PULLED	Monitoring and Test Hole

## Status of Well

Abandoned-Other

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	2.74 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	2.74 m	5.79 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	5.79 m	6.03 cm

**Audit Number:** Z168577**Date Well Completed:** April 15, 2013

[Go Back to Map](#)

## Well ID

Well ID Number: 7201662  
 Well Audit Number: Z168578  
 Well Tag Number: A136984

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447545.00 Northing: 5029589.00
<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
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## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	1.83 m	BENTONITE	
1.83 m	6.1 m	GROUT SLURRY	

## Method of Construction & Well Use

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

## Status of Well

Abandoned-Other

## Construction Record - Casing

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

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC		

## 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	1.83 m	10.92 cm
1.83 m	6.1 m	5.2 cm

**Audit Number:** Z168578

[Go Back to Map](#)

## Well ID

Well ID Number: 7201660  
 Well Audit Number: Z168579  
 Well Tag Number: A136980

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447545.00 Northing: 5029589.00
<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
----------------	----------------------	-----------------	---------------------	------------	----------

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	TOPSOIL	
.31 m	1.83 m	BENSEAL	
1.83 m	7.92 m	GROUT SLURRY	

## Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

Monitoring and Test Hole

## Status of Well

Abandoned-Other

## Construction Record - Casing

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

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm			

## 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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	1.83 m	11.43 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7201659  
 Well Audit Number: Z168583  
 Well Tag Number: A145287

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON RD
<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: 447559.00 Northing: 5029609.00
<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	CSND		LOOS	0 m	3.1 m
BRWN	FSND		HARD	3.1 m	6.71 m

BRWN

TILL

HARD

6.71 m 7.62 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	4.27 m	BENSEAL	
4.27 m	7.62 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	7.62 m	10.92 cm



[Go Back to Map](#)

## Well ID

Well ID Number: 7251492  
 Well Audit Number: Z82653  
 Well Tag Number: A145285

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON ROAD
<b>Township</b>	NEPEAN TOWNSHIP
<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: 447556.00 Northing: 5029608.00
<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
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## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	7.38 ft	HOLEPLUG	

## Method of Construction & Well Use

Method of Construction	Well Use

## Status of Well

### Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To

### Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6894

## Results of Well Yield Testing

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

---

**Disinfected?**


---

**Draw Down & Recovery**

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

**Water Details**


---

**Water Found at Depth    Kind**


---

**Hole Diameter**


---

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

---

**Audit Number: Z82653**
**Date Well Completed:**
**Date Well Record Received by MOE: November 04, 2015**

[Go Back to Map](#)

## Well ID

Well ID Number: 7201656  
 Well Audit Number: Z168582  
 Well Tag Number: A145285

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447569.00 Northing: 5029574.00
<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	CSND		LOOS	0 m	3.1 m
BRWN	FSND		HARD	3.1 m	6.71 m

BRWN

TILL

HARD

6.71 m 7.62 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	4.27 m	BENSEAL	
4.27 m	7.62 m		

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	7.62 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7201657  
 Well Audit Number: Z168580  
 Well Tag Number: A145286

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447585.00 Northing: 5029583.00
<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	CSND		LOOS	0 m	3.1 m
BRWN	FSND		HARD	3.1 m	6.71 m

BRWN

TILL

HARD

6.71 m 8.53 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	5.18 m	BENSEAL	
5.18 m	8.53 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	5.49 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	5.49 m	8.53 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	8.53 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7211118  
 Well Audit Number: Z096875  
 Well Tag Number: A152323

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON
<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: 447568.00 Northing: 5029547.00
<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
----------------	----------------------	-----------------	---------------------	------------	----------

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	7.65 ft	HOLEPLUG	

## Method of Construction & Well Use

Method of Construction	Well Use
------------------------	----------

## Status of Well

Abandoned-Other

## Construction Record - Casing

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

## Construction Record - Screen

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

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6894

## 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
6.05 ft	Untested

**Hole Diameter**

Depth From	Depth To	Diameter
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**Audit Number:** Z096875**Date Well Completed:**

[Go Back to Map](#)

## Well ID

Well ID Number: 7201658  
 Well Audit Number: Z168581  
 Well Tag Number: A145284

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

## Well Location

<b>Address of Well Location</b>	1 ROBINSON AVE
<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: 447546.00 Northing: 5029534.00
<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		LOOS	0 m	1.22 m
BRWN	CSND			1.22 m	3.1 m

BRWN	FSND		3.1 m	3.66 m
BRWN	FSND	HARD	3.66 m	6.71 m
BRWN	TILL	HARD	6.71 m	7.62 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	4.27 m	BENSEAL	
4.27 m	7.62 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Boring	Monitoring and Test Hole

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	7.62 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7293325  
 Well Audit Number: Z206428  
 Well Tag Number: A182470

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

## Well Location

<b>Address of Well Location</b>	3 HURDMAN ROAD
<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: 447527.00 Northing: 5029708.00
<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
BLCK	LOAM			0 m	.31 m
BRWN	SAND			.31 m	2.13 m



BRWN	CLAY	SILT	SNDY	2.13 m	4.27 m
GREY	CLAY	SILT	SNDY	4.27 m	6.1 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	2.74 m	BENTONITE	
2.74 m	6.1 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring 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	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	11.4 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7293326  
 Well Audit Number: Z206427  
 Well Tag Number: A182471

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

## Well Location

<b>Address of Well Location</b>	3 HURDMAN ROAD
<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: 447593.00 Northing: 5029670.00
<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
BLCK	LOAM			0 m	.31 m
BRWN	CLAY	SILT	SNDY	.31 m	3.1 m

GREY

GRVL

SAND

SILT

3.1 m

4.88 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	1.5 m	BENTONITE	
1.5 m	4.88 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring 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	1.83 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.83 m	4.88 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	4.88 m	11.4 cm

Master Well Owner's and Land Owner's Information

60 Mann Avenue  
 County/District/Municipality: \_\_\_\_\_ City/Town/Village: **Ottawa** Province: **Ontario** Postal Code: \_\_\_\_\_

UTM Coordinates: NAD 83 Zone Easting: 18447154 Northing: 5029762 GPS Unit Make: **Magellan** Model: **Irontrak** 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
	Topsoil surface			0	0.1
	lt. Brown Sand fill	gravel	dry	0.1	1.8
	lt. Brown Sand		coarse grained, moist	1.8	2.8
	lt. Grey Silt	Sand		2.8	3.1
	lt. Brown Sand		coarse grained, moist	3.1	3.6
	Black/lt. Rock in spoon	Sand		3.6	4.3
	Grey Sandy clay			4.3	6.1

**MW #3 Hole Details**

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	6.1	20cm

**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** \_\_\_\_\_ Metres

**Screen**

Galvanized  Steel  Fibreglass  Concrete  Plastic

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

**Water Details**

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

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

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

Disinfected  Yes  No If no, provide reason: \_\_\_\_\_ Date Master Well Completed (yyyy/mm/dd): **2007/09/27**

**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: **3** Please indicate Number of Cluster Well Information Log Sheets Submitted: \_\_\_\_\_

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

**Construction Details**

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	Depth (Metres) To
5.1	<del>Steel</del> PVC	Sched 40	0	4.5

**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	1.2	Bentonite	88 Kgs
3.0	4.2	Bentonite	total

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: **George Downing Estate Drilling** Well Contractor's Licence No.: **181414**

Business Address (Street No./Name, number, RR): **410 Rue Principale Grenville Sur La Rouge** Municipality: \_\_\_\_\_

Province: **QC** Postal Code: **J0V 1B0** Business E-mail Address: **downing@xplornet.com**

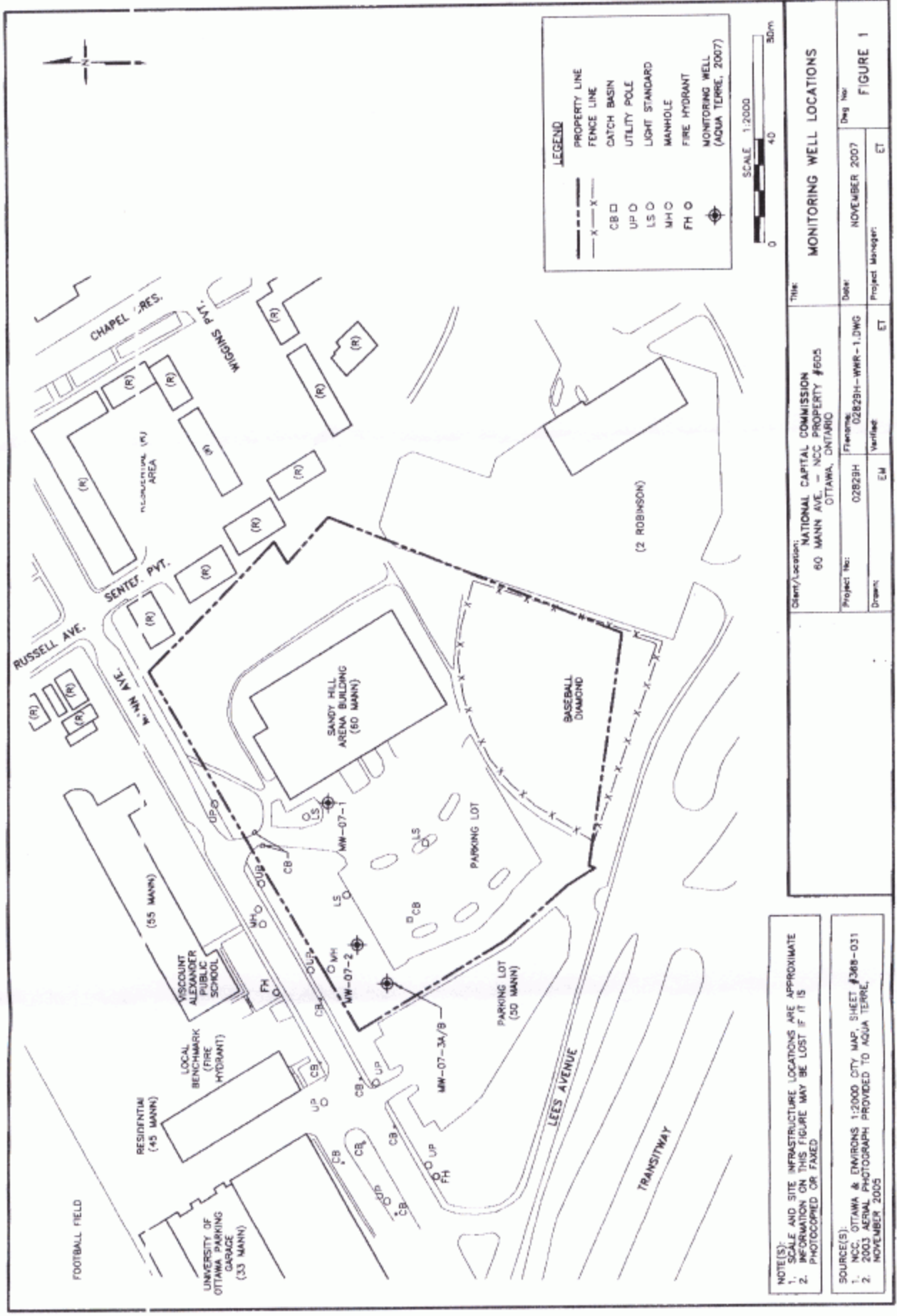
Bus. Telephone No. (inc. area code): **819 242 6469** Name of Well Technician (Last Name, First Name): **Downing, Bruce**

Well Technician's Licence No.: **2173** Signature of Technician: *Bruce Downing* Date Submitted (yyyy/mm/dd): **2008/03/26**

Audit No.: **M 01043** Well Contractor No.: \_\_\_\_\_

Date Received (yyyy/mm/dd): **MAY 05 2008** Date of Inspection (yyyy/mm/dd): \_\_\_\_\_

Remarks: **C 03037**



NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED OR FAXED

SOURCE(S):  
 1. NCC, OTTAWA & ENVIRONS 1:2000 CITY MAP, SHEET #368-031  
 2. 2003 AERIAL PHOTOGRAPH PROVIDED TO AQUA TERRE, NOVEMBER 2005

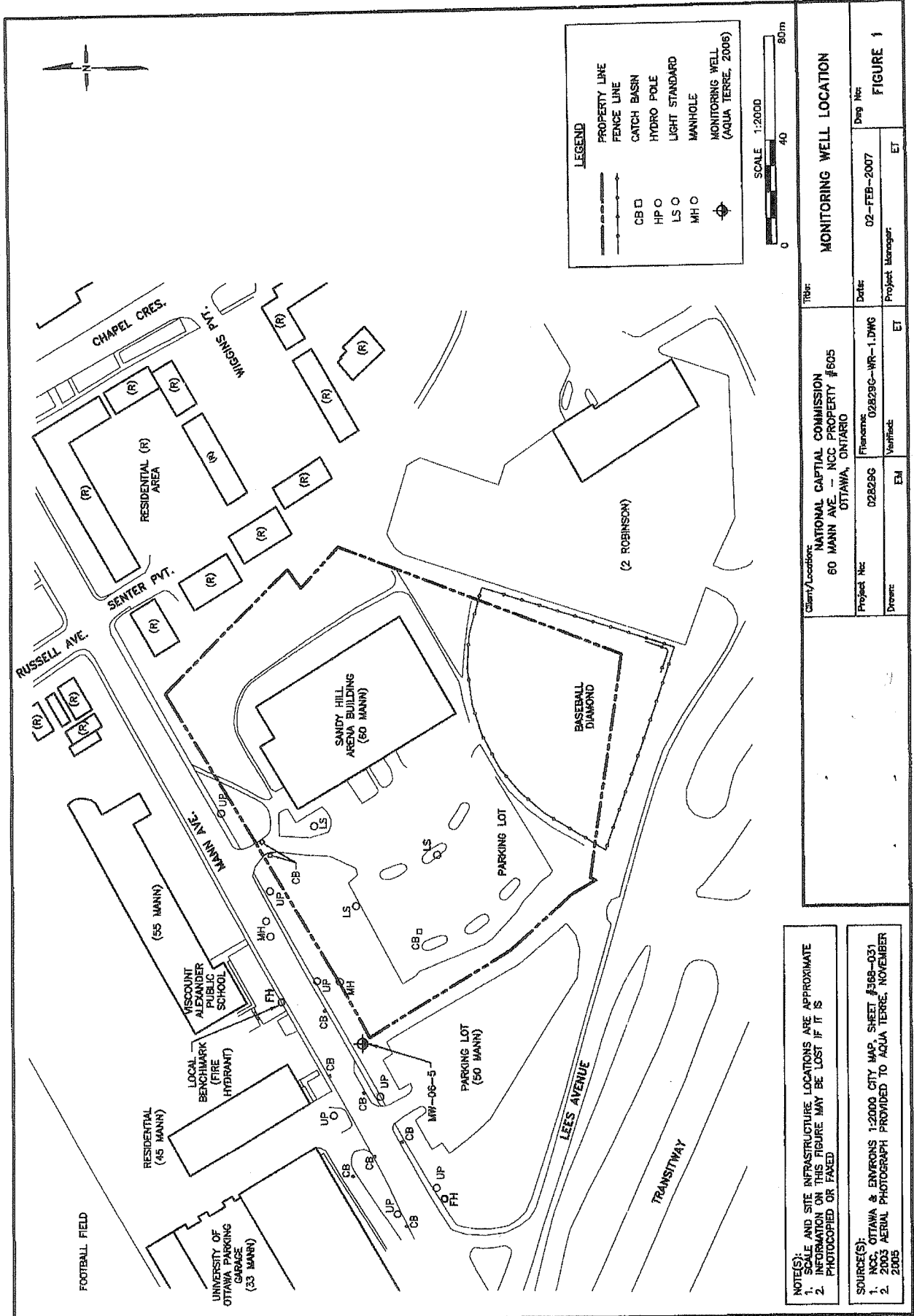
Client/Location: NATIONAL CAPITAL COMMISSION 60 MANN AVE. - NCC PROPERTY #605 OTTAWA, ONTARIO		Title: MONITORING WELL LOCATIONS	
Project No: 02829H	Filename: 02829H-WWR-1.DWG	Date: NOVEMBER 2007	Dwg No: FIGURE 1
Drawn: ET	Verify: ET	Project Manager: ET	

MAY 05 2008 · M 01043 · C 03037 · C-1844









**NOTES:**  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED OR FAXED

**SOURCE(S):**  
 1. NCC, OTTAWA & ENVRONS 1:2000 CITY MAP, SHEET #368-031  
 2. 2003 AERIAL PHOTOGRAPH PROVIDED TO AQUA TERRE, NOVEMBER 2005

<b>Client/Location:</b> NATIONAL CAPITAL COMMISSION 60 MANN AVE - MCC PROPERTY #605 OTTAWA, ONTARIO		<b>Title:</b> MONITORING WELL LOCATION	
<b>Project No:</b> 02B29C	<b>Drawn:</b> EM	<b>Date:</b> 02-FEB-2007	<b>Project Manager:</b> ET
<b>Phonetic:</b> 02B29C-WR-1.DWG	<b>Verified:</b> ET	<b>Drawn:</b> ET	

1.844

58314

MAR 05 2007

Master Well Owner's and Land Owner's Information

60 Mann Avenue  
County/District/Municipality: \_\_\_\_\_ City/Town/Village: Ottawa Province: Ontario Postal Code: \_\_\_\_\_

UTM Coordinates: NAD 83 Zone Easting: 18447154 Northing: 5029762 GPS Unit Make: Magellan Model: Irontrak 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 To
	Topsoil surface			0 0.1
	lt. brown Sand fill	gravel	dry	0.1 1.8
	lt. brown Sand		coarse grained, moist	1.8 2.8
	lt. grey Silt	Sand		2.8 3.1
	lt. brown Sand		coarse grained, moist	3.1 3.6
	Black & blk Rock in spoon	Sand		3.6 4.3
	Grey Sandy clay			4.3 6.1

Hole Details		
Depth (Metres) From To	Diameter (Centimetres)	
0 6.1	20cm	

**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**  
 Open Hole  Yes  No \_\_\_\_\_ 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): 2007/09/27

**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: 3 Please indicate Number of Cluster Well Information Log Sheets Submitted: \_\_\_\_\_  
 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)

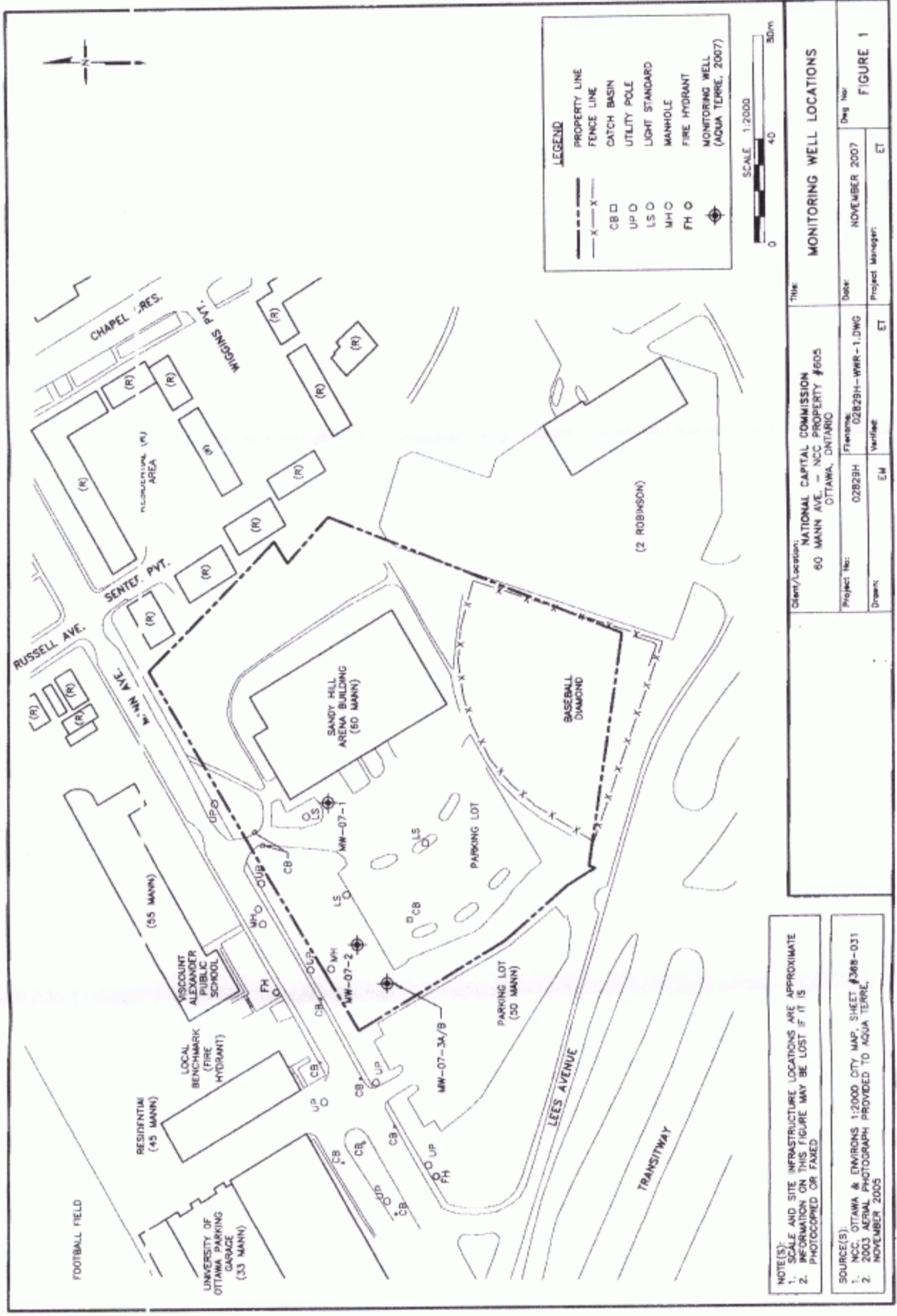
Consent to release additional information concerning the cluster to the Director upon request  
 Signature of Technician/Contractor: \_\_\_\_\_ Date: \_\_\_\_\_

Construction Details				
Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From To	
<u>5.1</u>	<u>Steel PVC</u>	<u>Sched 40</u>	<u>0</u>	<u>4.5</u>

Annular Space/Abandonment Sealing Record			
Depth Set at (Metres) From To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)	
0 1.2	Bentonite	88 Kgs	
3.0 4.2	Bentonite	total	

**Well Contractor and Well Technician Information**  
 Business Name of Well Contractor: George Downing Estate Drilling Well Contractor's Licence No.: 181414  
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville Sur La Rouge Municipality: \_\_\_\_\_  
 Province: QC Postal Code: J0V 1B0 Business E-mail Address: downing@xplornet.com  
 Bus. Telephone No. (inc. area code): 819 242 6469 Name of Well Technician (Last Name, First Name): Downing, Bruce  
 Well Technician's Licence No.: 2173 Signature of Technician: Bruce Downing Date Submitted (yyyy/mm/dd): 2008/03/26

Audit No.: **M 01043** Well Contractor No.: \_\_\_\_\_  
 Date Received (yyyy/mm/dd): MAY 05 2008 Date of Inspection (yyyy/mm/dd): \_\_\_\_\_  
 Remarks: C 03037



<b>Client/Location:</b> NATIONAL CAPITAL COMMISSION 60 MANN AVE. - NCC PROPERTY #605 OTTAWA, ONTARIO		<b>Title:</b> MONITORING WELL LOCATIONS
<b>Project No.:</b> 02829H	<b>Filename:</b> 02829H-WWR-1.DWG	<b>Date:</b> NOVEMBER 2007
<b>Drawn:</b> ET	<b>Verify:</b> ET	<b>Project Manager:</b> ET
		<b>Dwg No.:</b> FIGURE 1

MAY 05 2008 M 01043 C 03037 C-1844

Well Tag No. **A 058360**  
 Well Tag No. **A058360**

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR) <b>60 Mann Avenue</b>		Lot	Concession	Township	County/District/Municipality	
City/Town/Village <b>Ottawa</b>	Province <b>Ontario</b>	Postal Code	GPS Unit Make <b>Magellan</b>	Model <b>Spardak</b>	Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify:	

upon request	
Signature of Technician/Contractor <i>Bruce Downing</i>	Date (yyyy/mm/dd) <b>2008/03/26</b>

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 01-1	18	44722350	29802	4.88	20	HSA	<del>PVC</del> 1.5	1.5	4.8	Bentonite				2007/09/24
MW 01-2	18	44716350	29770	5.49	20	"	" 1.5	1.5	4.6	"				2007/09/24

**Well Contractor and Well Technician Information**

Business Name of Well Contractor <b>George Downing Estate Drilling Ltd.</b>		Business Address (Street Number/Name, RR) <b>410 Rue Principale Grenville Sur La Rouge</b>		Municipality <b>QC</b>	Province <b>QC</b>
Postal Code <b>J1O 1V 1 1B10</b>	Business Telephone No. (inc. area code) <b>819 242 6416</b>	Well Contractor's Licence No. <b>1844</b>	Business E-mail Address <b>downing@xplonet.com</b>		
Name of Well Technician (First Name, Last Name) <b>Bruce Downing</b>		Well Technician's Licence No. <b>21173</b>	Date Submitted (yyyy/mm/dd) <b>2008/03/26</b>	Signature of Technician <i>Bruce Downing</i>	

Date 1st Well in Cluster Constructed (yyyy/mm/dd) <b>2007/09/24</b>	Date Last Well in Cluster Constructed (yyyy/mm/dd) <b>2007/09/24</b>
--	---

<b>Ministry Use Only</b>	
Date Received (yyyy/mm/dd) <b>MAY 05 2008</b>	Date Inspected (yyyy/mm/dd)
Audit No. <b>C 03037</b>	Remarks <b>M 01043</b>

[Go Back to Map](#)

## Well ID

Well ID Number: 7264960  
 Well Audit Number: Z222242  
 Well Tag Number:

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

## Well Location

<b>Address of Well Location</b>	60 MANN AVE
<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: 447143.00 Northing: 5029790.00
<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
----------------	----------------------	-----------------	---------------------	------------	----------

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	OTHER	
.31 m	1.22 m	BENSEAL	
1.22 m		GROUT SLURRY	

## Method of Construction & Well Use

Method of Construction	Well Use
	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	

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## 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	1.83 m	6.03 cm



**Instructions for Completing Form**

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

**Well Owner's Information and Location of Well Information**

Ministry Use Only									
MUN								CON	LOT

RR#/Street Number/Name: **60 Mann Avenue Right-of-Way** City/Town/Village: **Ottawa** Site/Compartment/Block/Tract etc.:

GPS Reading: NAD **83** Zone **18** Easting **447195** Northing **5029820** Unit Make/Model: **Magellan** Mode of Operation:  Undifferentiated  Averaged  Differentiated, specify

**Log of Overburden and Bedrock Materials (see instructions)**

General Colour	Most common material	Other Materials	General Description	Depth From	Metres To
Brown	Granular fill			0	0.6
	No recovery			0.6	1.5
Grey	Sandy silt	gravel	Moist	1.5	4.5
	No recovery			4.5	5.2
DK Ben	Sandy silt	gravel		5.2	6.0

**3 Monitoring well installations as a cluster as per Min Reg 903 Typical**

**Hole Diameter**

Depth From	Metres To	Diameter Centimetres
0	6.0	20

**Construction Record**

Inside diam centimetres	Material	Wall thickness centimetres	Depth Metres	
			From	To
<b>Casing</b>				
51 mm	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	40	0	1.3
<b>Screen</b>				
58 mm	<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	10	1.3	6.0
<b>No Casing or Screen</b>				
<input type="checkbox"/> Open hole				

**Test of Well Yield**

Pumping test method	Draw Down		Recovery	
	Time min	Water Level Metres	Time min	Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping _____ hrs + _____ min	2		2	
Final water level end of pumping _____ metres	3		3	
Recommended pump type. <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	4		4	
Recommended pump depth. _____ metres	5		5	
Recommended pump rate. (litres/min)	10		10	
If flowing give rate - (litres/min)	15		15	
	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water

m  Fresh  Sulphur  
 Gas  Salty  Minerals  
 Other:

m  Fresh  Sulphur  
 Gas  Salty  Minerals  
 Other:

After test of well yield, water was  Clear and sediment free  Other, specify \_\_\_\_\_

Chlorinated  Yes  No

**Plugging and Sealing Record**  Annular space  Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0.2	1.3	Bentonite	30 Kg

**Location of Well**

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.

*Please see attached site plan*

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  
 Rotary (conventional)  Air percussion  Jetting  Other  
 Rotary (reverse)  Boring  Driving **Auger**

**Water Use**

Domestic  Industrial  Public Supply  Other **Sample**  
 Stock  Commercial  Not used  
 Irrigation  Municipal  Cooling & air conditioning

**Final Status of Well**

Water Supply  Recharge well  Unfinished  Abandoned, (Other)  
 Observation well  Abandoned, insufficient supply  Dewatering  
 Test Hole  Abandoned, poor quality  Replacement well

Audit No. **2 50500** Date Well Completed **2006 08 30**

Was the well owner's information package delivered?  Yes  No Date Delivered: \_\_\_\_\_

**Well Contractor/Technician Information**

Name of Well Contractor: **George Downing State Drilling Ltd** Well Contractor's Licence No.: **1844**

Business Address (street name, number, city etc.): **410 Main St. Grenville-Sar-La-Rouge Qc J0V 1B0**

Name of Well Technician (last name, first name): **Downing Bruce** Well Technician's Licence No.: **72173**

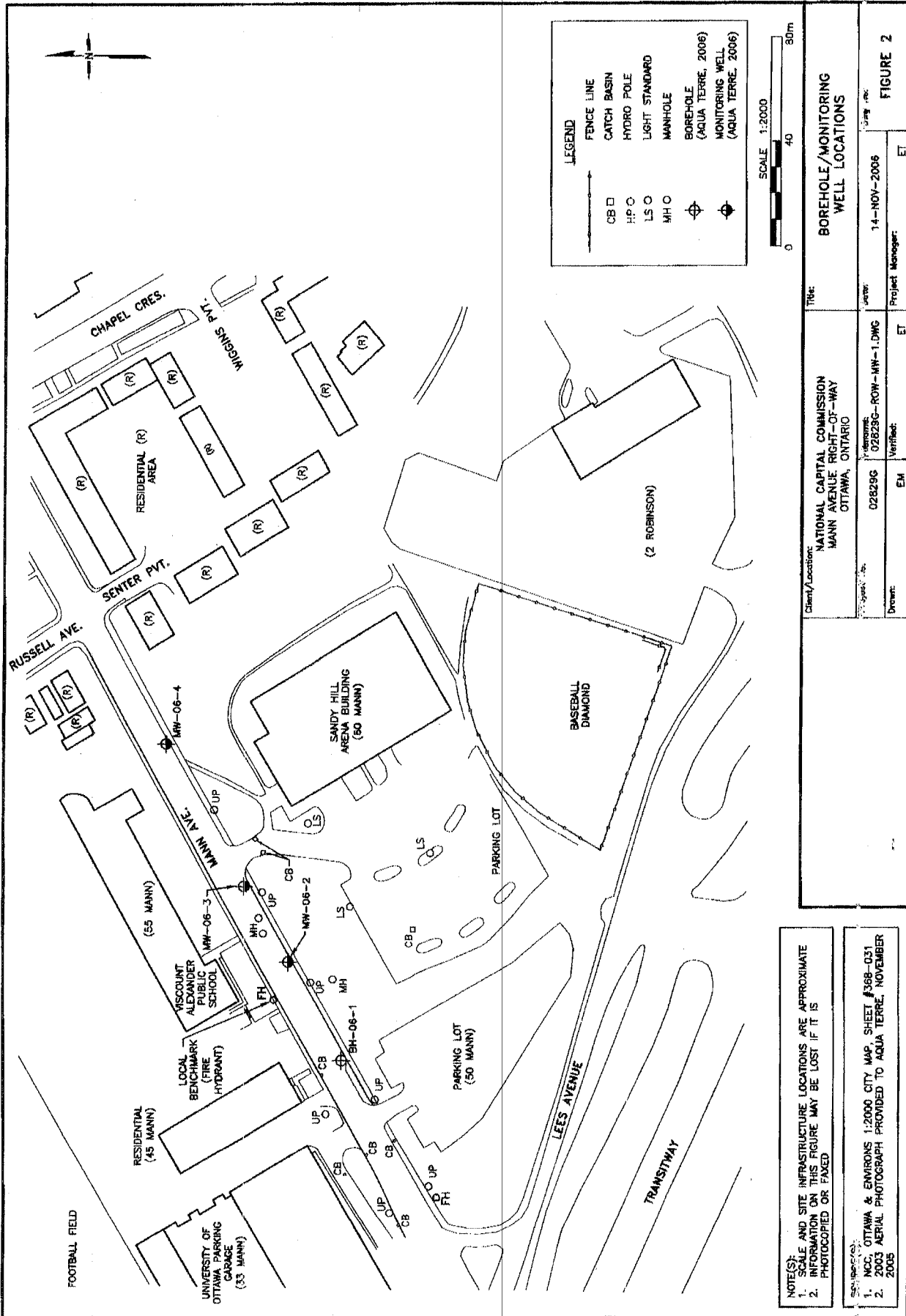
Signature of Technician/Contractor: \_\_\_\_\_ Date Submitted: **2006 11 15**

**Ministry Use Only**

Data Source: \_\_\_\_\_ Contract: **1844**

Date Received: **28 2006** Date of Inspection: \_\_\_\_\_

Remarks: \_\_\_\_\_ Well Record Number: \_\_\_\_\_



NOV 28 2006

250500

1844

Master Well Owner's and Land Owner's Information

60 Mann Avenue  
County/District/Municipality: \_\_\_\_\_ City/Town/Village: Ottawa Province: Ontario Postal Code: \_\_\_\_\_

UTM Coordinates: NAD 83 Zone Easting: 184471154 Northing: 5029762 GPS Unit Make: Magellan Model: Irontrak 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 To
	Topsoil surface			0 0.1
	lt. Brown Sand fill	gravel	dry	0.1 1.8
	lt. Brown Sand		coarse grained, moist	1.8 2.8
	lt. Grey Silt	Sand		2.8 3.1
	lt. Brown Sand		coarse grained, moist	3.1 3.6
	Black & blk Rock in spoon	Sand		3.6 4.3
	Grey Sandy clay			4.3 6.1

Hole Details		
Depth (Metres) From To	Diameter (Centimetres)	
0 6.1	20cm	

**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 HSA

**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** \_\_\_\_\_ 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): 2007/09/27

**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: 3 Please indicate Number of Cluster Well Information Log Sheets Submitted: \_\_\_\_\_  
 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)

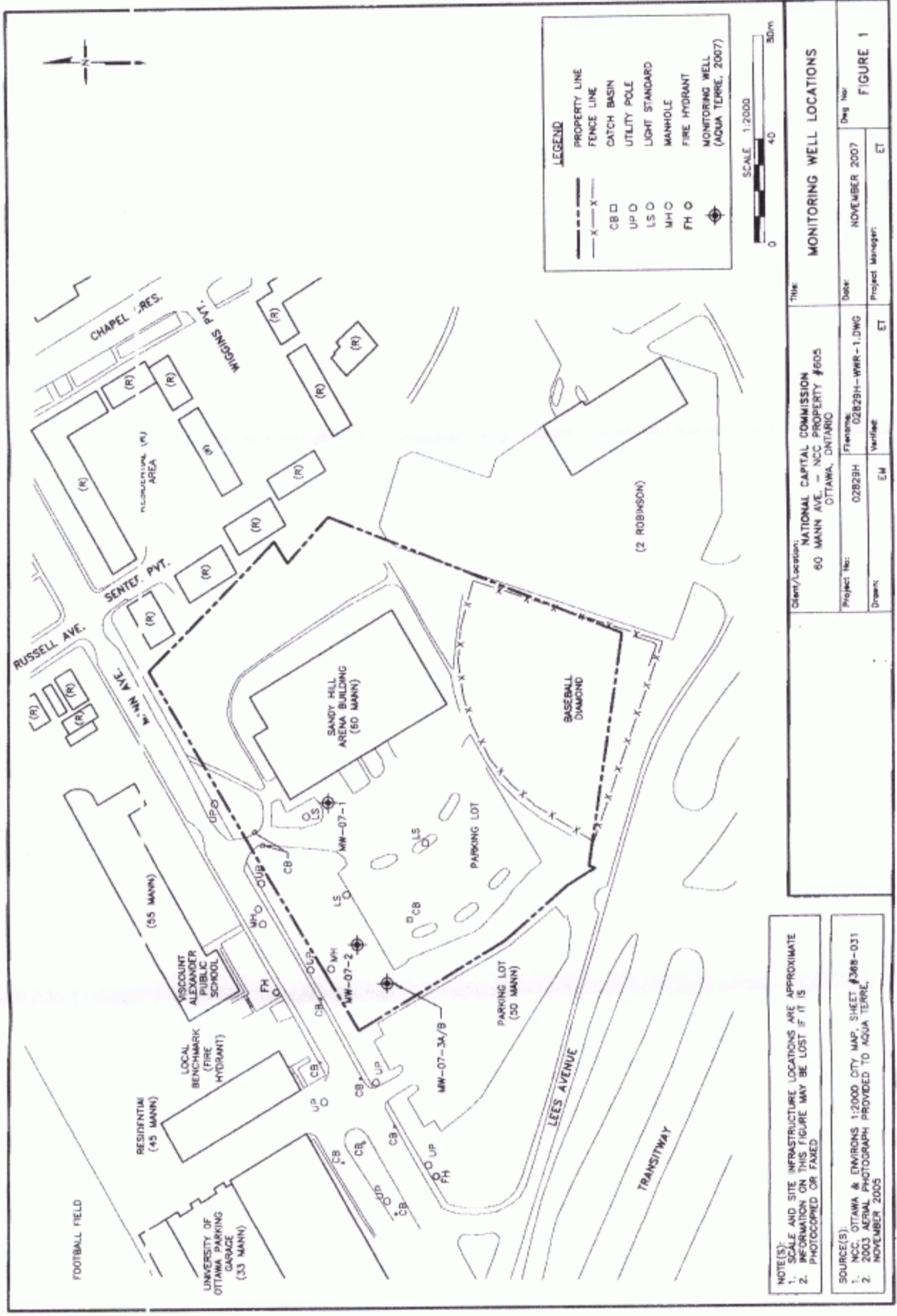
Consent to release additional information concerning the cluster to the Director upon request  
 Signature of Technician/Contractor: \_\_\_\_\_ Date: \_\_\_\_\_

Construction Details				
Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From To	
<u>5.1</u>	<u>Steel PVC</u>	<u>Sched 40</u>	<u>0</u>	<u>4.5</u>

Annular Space/Abandonment Sealing Record			
Depth Set at (Metres) From To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)	
0 1.2	Bentonite	88 Kgs	
3.0 4.2	Bentonite	total	

**Well Contractor and Well Technician Information**  
 Business Name of Well Contractor: George Downing Estate Drilling Well Contractor's Licence No.: 181414  
 Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville Sur La Rouge Municipality: \_\_\_\_\_  
 Province: QC Postal Code: J0V 1B0 Business E-mail Address: downing@xplornet.com  
 Bus. Telephone No. (inc. area code): 819 242 6469 Name of Well Technician (Last Name, First Name): Downing, Bruce  
 Well Technician's Licence No.: 2173 Signature of Technician: \_\_\_\_\_ Date Submitted (yyyy/mm/dd): 2008/03/26

Audit No.: **M 01043** Well Contractor No.: \_\_\_\_\_  
 Date Received (yyyy/mm/dd): MAY 05 2008 Date of Inspection (yyyy/mm/dd): \_\_\_\_\_  
 Remarks: C 03037



NOTE(S):  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED OR FAXED

SOURCE(S):  
 1. NCC, OTTAWA & ENVIRONS 1:2000 CITY MAP, SHEET #368-031  
 2. 2003 AERIAL PHOTOGRAPH PROVIDED TO AQUA TERRE, NOVEMBER 2005

Client/Location: NATIONAL CAPITAL COMMISSION 60 MANN AVE. - NCC PROPERTY #605 OTTAWA, ONTARIO		Title: MONITORING WELL LOCATIONS	
Project No: 02829H	Filename: 02829H-WWR-1.DWG	Date: NOVEMBER 2007	Dwg No: FIGURE 1
Drawn: ET	Verify: ET	Project Manager: ET	

MAY 05 2008 · M 01043 · C 03037 · C-1844

Well Tag **A 058360**  
 A058360

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR) 60 Mann Avenue		Lot	Concession	Township	County/District/Municipality
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make Magellan	Model Sportrak	Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify:

<b>upon request</b>	
Signature of Technician/Contractor <i>Bruce Downing</i>	Date (yyyy/mm/dd) 2008/03/26

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 01-1	18	44722350	29802	4.88	20	HSA	<del>PVC</del> 1.5	1.5	4.8	Bentonite				2007/09/24
MW 01-2	18	44716350	29770	5.49	20	"	" 1.5	1.5	4.6	"				2007/09/24

**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 Grenville Sur La Rouge		Municipality QC	Province QC
Postal Code J1O 1V 1 B10	Business Telephone No. (inc. area code) 819 242 6416	Well Contractor's Licence No. 1844	Business E-mail Address downing@xplonet.com		
Name of Well Technician (First Name, Last Name) Bruce Downing		Well Technician's Licence No. 21173	Date Submitted (yyyy/mm/dd) 2008/03/26	Signature of Technician <i>Bruce Downing</i>	

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2007/09/24	Date Last Well in Cluster Constructed (yyyy/mm/dd) 2007/09/24
---	--

<b>Ministry Use Only</b>	
Date Received (yyyy/mm/dd) MAY 05 2008	Date Inspected (yyyy/mm/dd)
Audit No. C 03037	Remarks M 01043



Tag#: A155688 A155688

Measurements recorded in:  Metric  Imperial

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

Address of Well Location, 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)

Results of Well Yield Testing table with columns: After test of well yield, water was, Draw Down (Time, Water Level), Recovery (Time, Water Level)

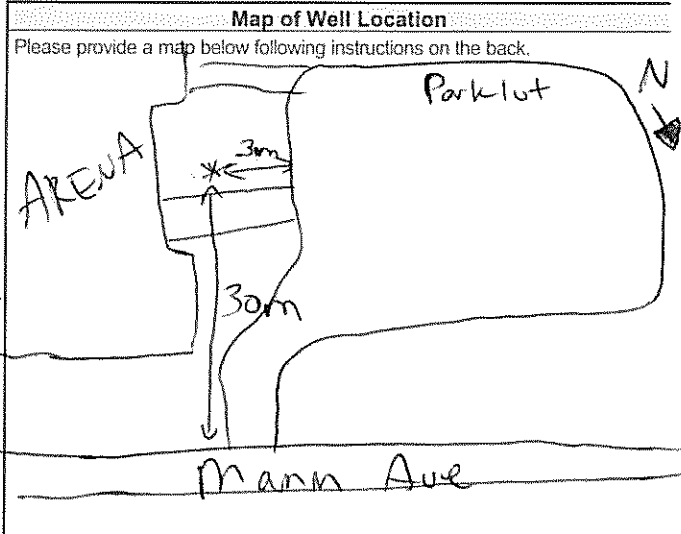
Method of Construction, Well Use (Public, Commercial, Not used, Domestic, Municipal, Dewatering, etc.)

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

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

Water Details and Hole Diameter tables with columns: Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in)

Well Contractor and Well Technician Information (Business Name, Address, Licence No., etc.)



Well owner's information package delivered, Date Package Delivered, Date Work Completed, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted

Ministry Use Only (Audit No., Date, etc.)

[Go Back to Map](#)

## Well ID

Well ID Number: 7191096  
 Well Audit Number: Z156917  
 Well Tag Number: A135002

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

## Well Location

<b>Address of Well Location</b>	191 LEES AVE
<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: 447517.00 Northing: 5029450.00
<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	LOAM	SAND	SOFT	0 m	.61 m
BRWN	SAND	GRVL	LYRD	.61 m	3.66 m

GREY	SAND	SLTY	CLAY	3.66 m	6.1 m
GREY	CLAY	SAND	SLTY	6.1 m	8.84 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	7.01 m	3/8 BENTONITE CHIPS	
7.01 m	8.84 m	SAND	

## Method of Construction & Well Use

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

## Status of Well

Test Hole

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	7.32 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	7.32 m	8.84 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	8.84 m	10.92 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7191095  
 Well Audit Number: Z156919  
 Well Tag Number: A135001

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

## Well Location

<b>Address of Well Location</b>	191 LEES AVE
<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: 447456.00 Northing: 5029419.00
<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	LOAM	SAND	SOFT	0 m	.61 m
BRWN	SAND	GRVL	SOFT	.61 m	4.57 m

GREY

CLAY

SILT

LYRD

4.57 m 7.62 m

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	5.79 m	3/8 BENTONITE CHIPS	
5.79 m	7.62 m	SAND	

## Method of Construction & Well Use

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

## Status of Well

## Construction Record - Casing

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

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	6.1 m	7.62 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	7.62 m	10.92 cm

Master Well Owner's and Land Owner's Information

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR) Highway 417 @ Greenfield Ave Township NCC Property Asset # 96911 Lot \_\_\_\_\_ Concession \_\_\_\_\_  
 County/District/Municipality \_\_\_\_\_ City/Town/Village Ottawa Province Ontario Postal Code \_\_\_\_\_  
 UTM Coordinates Zone Easting Northing GPS Unit Make Model Mode of Operation:  Undifferentiated  Averaged  
NAD 83 184470005029619 Gemin Etrez  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 To
Dk. Brown	Topsoil - grass - moist			0 0.1
Brown	Sand fill med. grained with gravel			0.1 1.2
Grey	Gravel fill			1.2 1.8
Grey	Boulders / hard material			1.8 2.4
Black	Ash / cinders			2.4 3.0
Brown	Sand fill		moist	3.0 3.8
Brown	Sandy silt fill			3.8 4.3
Grey	Clayey silt fill			4.3 6.1
Grey	clayey silt			6.1 6.7

Hole Details		
Depth (Metres) From To	Diameter (Centimetres)	
0 6.7	<del>20</del> 20	

**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 HSA

**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** \_\_\_\_\_ 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: Monitoring well Date Master Well Completed (yyyy/mm/dd) 2008/06/23

**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 6 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) 2009/04/06

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

\_\_\_\_\_  
 Date (yyyy/mm/dd) 2009/05/01

**Construction Details**

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From To
<u>5.1</u>	<del>Steel</del> <u>PVC</u>	<u>Sched 40</u>	<u>0 3.7</u>

**Annular Space/Abandonment Sealing Record**

Depth Set at (Metres) From To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
<u>0 2.8</u>	<u>Benlonite</u>	<u>40 Kgs</u>

**Well Contractor and Well Technician Information**

Business Name of Well Contractor George Downing Estate Drilling Well Contractor's Licence No. 1844  
 Business Address (Street No./Name, number, RR) 410 Rue Principale Grenville-sur-la-Rouge Municipality \_\_\_\_\_  
 Province Qc Postal Code J0V1B0 Business E-mail Address downing@explornet.com  
 Bus. Telephone No. (inc. area code) 8192424469 Name of Well Technician (Last Name, First Name) Downing Bruce  
 Well Technician's Licence No. 2173 Signature of Technician Bruce Downing Date Submitted (yyyy/mm/dd) 2009/04/06

Audit No. **M 01059** Well Contractor No. \_\_\_\_\_  
 Date Received (yyyy/mm/dd) **JUN 03 2009** Date of Inspection (yyyy/mm/dd) \_\_\_\_\_  
 Remarks \_\_\_\_\_

Well Tag (Well Tag No.)  
**A 068527**  
 A068527

**Cluster Well Information for Cluster Well Construction**

Regulation 903 Ontario Water Resources Act

Address of Well Location (Street Number/Name, RR) Highway 457 @ Greenfield Ave Lot NCC Property Asset # 96911 Concession \_\_\_\_\_ Township \_\_\_\_\_ County/District/Municipality \_\_\_\_\_  
 City/Town/Village Ottawa Province Ontario Postal Code \_\_\_\_\_ GPS Unit Make \_\_\_\_\_ Model \_\_\_\_\_ Unit Mode of Operation  Undifferentiated  Averaged  
 Differentiated, specify: \_\_\_\_\_

upon request  
 Signature of Technician/Contractor Bruce Downing Date (yyyy/mm/dd) 2009/04/06

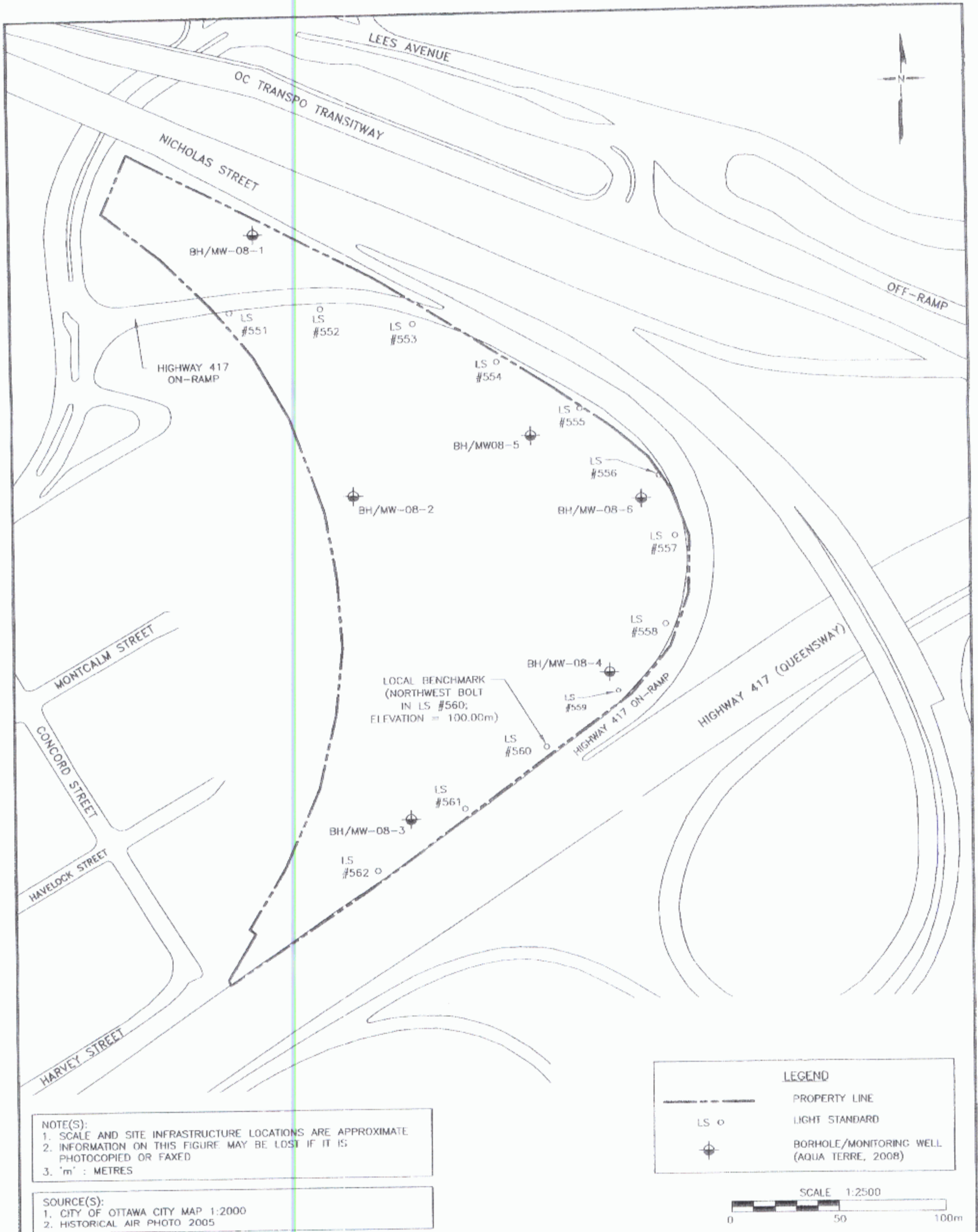
Well # on Sketch	Zone	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
		Easting	Northing						From	To					
mw 08-2		18447044	5029493	6.0	20	HSA	PVC <del>Steel</del>	3.0	3.0	6.0	Bentonite				2008/06/23
mw 08-3		18447056	5029370	6.9				3.0	3.0	6.0					2008/06/24
mw 08-4		18447161	5029413	6.0				3.0	3.0	6.0					2008/06/24
mw 08-5		18447126	5029524	6.7				3.7	3.7	6.7					2008/06/23
mw 08-6		18447177	5029491	7.6				4.6	4.6	7.6					2008/06/24

**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 Grenville-sur-la-Rouge Municipality QC 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@explornet.com  
 Name of Well Technician (First Name, Last Name) Bruce Downing Well Technician's Licence No. 2173 Date Submitted (yyyy/mm/dd) 2009/04/06 Signature of Technician Bruce Downing

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2008/06/23 Date Last Well in Cluster Constructed (yyyy/mm/dd) 2008/06/24

**Ministry Use Only**  
 Date Received JUN 03 2009 Date Inspected (yyyy/mm/dd) \_\_\_\_\_  
 Audit No. C 03060 Remarks M01059



Client/Location: NATIONAL CAPITAL COMMISSION PROPERTY ASSET #96911 OTTAWA, ONTARIO		Title: MONITORING WELL LOCATIONS	
Project No: 07111	Filename: 07111-MW-LTR-1.DWG	Date: MARCH 2009	Dwg No: FIGURE 1
Drawn: EM	Verified: ET	Project Manager: ET	

JUN 03 2009

C-1844 m01059 C03060

[Go Back to Map](#)

## Well ID

Well ID Number: 7213463  
 Well Audit Number: Z173676  
 Well Tag Number: A154281

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

## Well Location

<b>Address of Well Location</b>	60 MANN AVE
<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: 447236.00 Northing: 5029733.00
<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
BLCK	LOAM			0 m	.61 m
BRWN	SILT	SAND	SOFT	.61 m	2.4 m



GREY

SILT

SAND

2.4 m

4.57 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	1.22 m	BENSEAL	
1.22 m	4.57 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	1.5 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.21 cm	PLASTIC	1.5 m	4.57 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	4.57 m	5.71 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7191093  
 Well Audit Number: Z156920  
 Well Tag Number: A135003

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

## Well Location

<b>Address of Well Location</b>	191 LEES AVE
<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: 447535.00 Northing: 5029481.00
<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
BLCK		GRVL	HARD	0 m	.31 m
BRWN	SAND	GRVL	LYRD	.31 m	2.44 m

BRWN	SAND	SILT	SOFT	2.44 m	6.1 m
GREY	SAND	SILT	SOFT	6.1 m	8.99 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	7.16 m	3/8 BENTONITE CHIPS	
7.16 m	8.99 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
4.03 cm	PLASTIC	0 m	7.47 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	7.47 m	8.99 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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	8.99 m	8.25 cm

[Go Back to Map](#)

## Well ID

Well ID Number: 7249261  
 Well Audit Number: Z215110  
 Well Tag Number: A186560

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

## Well Location

<b>Address of Well Location</b>	99 MANN AVE.
<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: 447375.00 Northing: 5029953.00
<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	GRVL		0 m	1.5 m
BRWN	SAND	SLTY		1.5 m	2.74 m

GREY

SAND

SLTY

2.74 m 6.1 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	2.74 m	BENTONITE	
2.74 m	6.1 m	SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.1 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.1 m	6.1 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**

<b>Water Found at Depth</b>	<b>Kind</b>
-----------------------------	-------------

**Hole Diameter**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
0 m	6.1 m	11.43 cm





Ministry of the Environment

Well Tag No. for Master Well (Place Sticker and/or Print Below)

A122841

mwell-1

Master Well Record for Cluster Well Construction Regulation 903 Ontario Water Resources Act

Page 1 of 2

Master Well Owner's and Land Owner's Information

First Name, Last Name, E-mail Address, Mailing Address (Street Number/Name, RR), Municipality, Province, 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), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code

UTM Coordinates, Zone, Easting, Northing, GPS Unit Make, Model, Mode of Operation: Undifferentiated, Averaged, Differentiated, specify

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

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

Hole Details

Table with columns: Depth (Metres) From, To, Diameter (Centimetres)

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, HSA

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, Static Water Level Test

Open Hole, Yes, No, 1.38 Metres

Screen

Galvanized, Steel, Fibreglass, Concrete, Plastic, Outside Diameter (Centimetres), Slot No.

Construction Details

Table with columns: Inside Diameter (Centimetres), Material, Wall Thickness, Depth (Metres) From, To

Water Details

Water found at Depth, Kind of Water, Metres, Gas, Fresh, Salty, Sulphur, Minerals

Annular Space/Abandonment Sealing Record

Table with columns: Depth Set at (Metres) From, To, Type of Sealant Used (Material and Type), Volume Used (Cubic Metres)

Disinfected, Yes, No, If no, provide reason: Date Master Well Completed

Monitoring Well, 2011/10/25

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, Total Wells on this Property, Information Log Sheets Submitted

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, Well Contractor's Licence No., Business Address (Street No./Name, number, RR), Municipality, Province, Postal Code, Business E-mail Address, Bus. Telephone No. (inc. area code), Name of Well Technician (Last Name, First Name), Well Technician's Licence No., Signature of Technician, Date Submitted (yyyy/mm/dd)

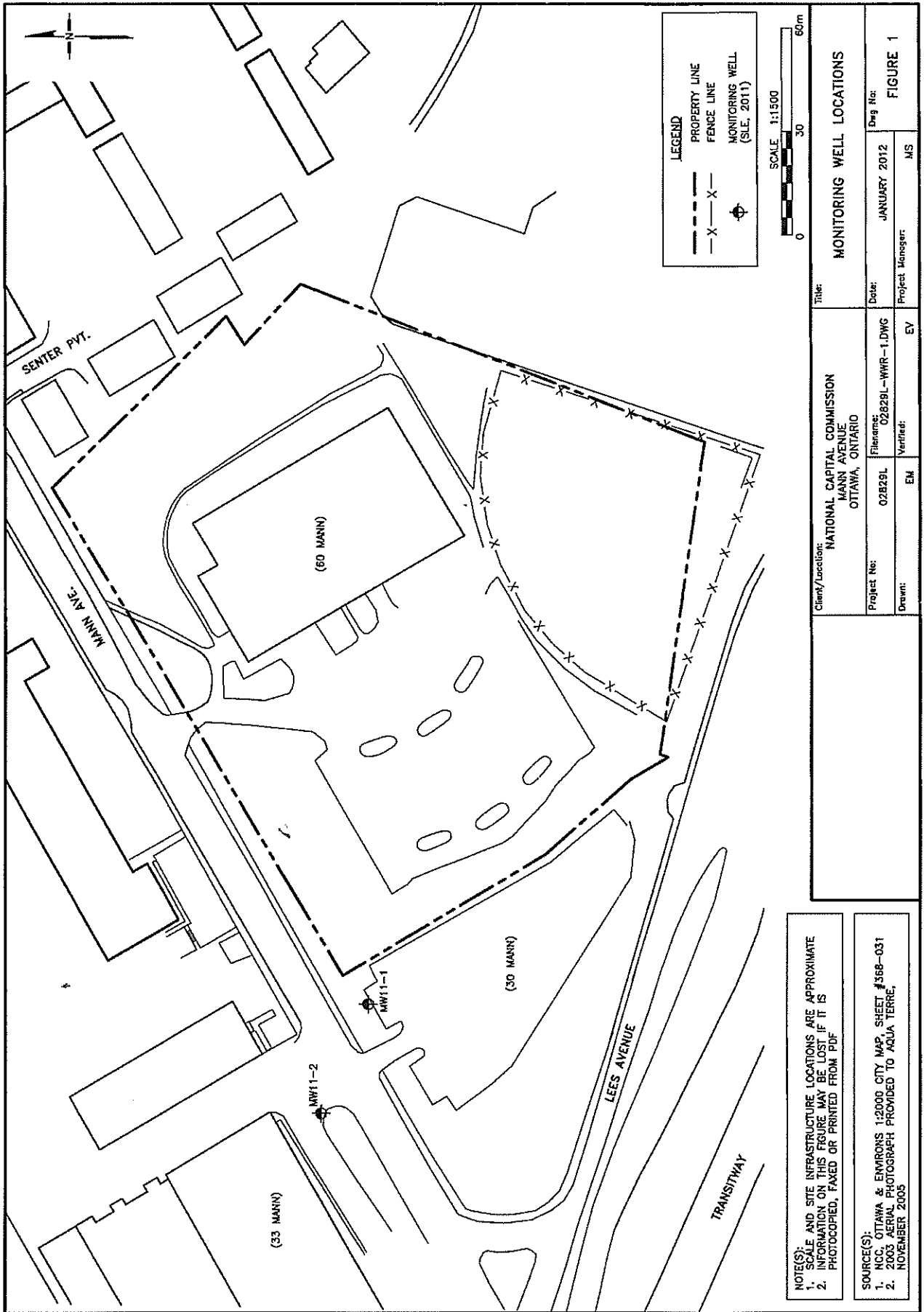
Master Well Owner's/Land Owner's consent to use Cluster Form

Signature, Date (yyyy/mm/dd)

Ministry Use Only

Audit No., Well Contractor No., Date Received (yyyy/mm/dd), Date of Inspection (yyyy/mm/dd), Remarks





NOTES:  
 1. SCALE AND SITE INFRASTRUCTURE LOCATIONS ARE APPROXIMATE  
 2. INFORMATION ON THIS FIGURE MAY BE LOST IF IT IS PHOTOCOPIED, FAXED OR PRINTED FROM PDF

SOURCE(S):  
 1. NCC, OTTAWA & EMERSONS 1:2000 CITY MAP SHEET #358-031  
 2. 2003 AERIAL PHOTOGRAPH PROVIDED TO AQUA TERRE, NOVEMBER 2005

Client/Location: NATIONAL CAPITAL COMMISSION MANN AVENUE OTTAWA, ONTARIO		Title: MONITORING WELL LOCATIONS
Project No: 02B29L	File Name: 02B29L-WWR-1.DWG	Date: JANUARY 2012
Drawn: EM	Verified: EV	Project Manager: MS
		Dwg No: FIGURE 1

MAR 28 2012

C-1844 m0748 c13697

[Go Back to Map](#)

## Well ID

Well ID Number: 7264958  
 Well Audit Number: Z222241  
 Well Tag Number:

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

## Well Location

<b>Address of Well Location</b>	60 MANN AVE
<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: 447248.00 Northing: 5029855.00
<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
----------------	----------------------	-----------------	---------------------	------------	----------

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	OTHER	
.31 m	.91 m	BENTONITE	
.91 m		GROUT SLURRY	

## Method of Construction & Well Use

Method of Construction	Well Use

## Status of Well

Abandoned-Other

## Construction Record - Casing

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

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To

## 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	4.57 m	6.03 cm

All measurements recorded in:  Metric  Imperial

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

Well Tag No. of Deepest Well: (Print Well Tag No.) <b>A122899</b> Well # on Drawing of Deepest Well: <b>BH/MW12-09</b>
--

 Page 1 of 3

Well Cluster Location Information										Mandatory Attachments/Additional Information			
Address of Well Location (Street Number(s)/Name(s), RR, if available)					Lot(s)		Concession(s)	Geographic Township		County/District/Upper Tier Municipality			
191 Lees Avenue													
City, Town, Village or Hamlet					Province		GPS Unit Make	Model	Unit Mode of Operation				
Ottawa					Ontario		Garmin	Etrex	<input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify: _____				
Well Details										<input checked="" type="checkbox"/> Land Owner Consent Form must be attached. <input checked="" type="checkbox"/> Detailed Drawing of All Well Locations must be attached. I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control related to any well in the well cluster that I have constructed. Signature of Technician/Contractor: <i>Bruce Downing</i> Date (yyyy/mm/dd): 2012/05/04			

Well # on Drawing	UTM Coordinates		Hole Depth (m/ft)	Hole Diameter (cm/in)	Method of Construction	Casing Material; Diameter (cm/in)	Casing (m/ft)		Screen Interval (m/ft)		Annular Space Material (m/ft)			Overburden/Bedrock or Abandonment Filing Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)
	Zone	Easting					Northing	From	To	From	To	From	To			
BH/MW 12-01	18	4474116	5029452	8.53	20	HSA	5.1	0.00	5.51	5.51	7.00	0.10	5.50	Bentonite concrete, fill, sand, till, clay	3.84	2012/02/22
12-02	18	447454	5029445	4.00				0.00	1.64	1.64	3.20	0.11	1.32	fill 0-1.69, sand 1.81, clay 2.31, sand 3.12	1.94	2012/02/17
← 12-03	18	447795	5029445	8.50				Flush mount -3ft	7.05	7.05	8.50	0.11	6.71	Fill 0-5.50, sand 7.92, till 8.50	7.87	2012/02/16
← 12-04	18	447508	5029405	9.60				stick up casing -2.60ft	7.65	7.65	9.15	0.12	7.31	fill 0-5.49, sand 9.15, till 9.60	8.47	2012/02/16
12-05	18	447500	5029335	7.92				0.00	6.40	6.40	7.92	0.11	6.42	fill 0-3.68, sand 7.31, till 7.92	5.06	2012/02/21
← 12-06	18	447468	5029355	10.00				stick up casing -2.60ft	8.34	8.34	9.70	0.12	8.03	fill 0-14.00, sand 9.79, till 10.00	8.00	2012/02/21
12-07	18	447496	5029477	9.60				0.05	7.62	7.62	9.05	0.11	7.31	fill 0-14.00, sand 9.17, till 9.60	6.60	2012/02/15
12-08	18	447563	5029487	9.10				0.09	7.62	7.62	9.03	0.12	7.31	fill 0-3.69, sand 8.87, till 9.10	6.60	2012/02/14
12-09	18	447597	5029472	10.20				0.06	7.79	7.79	9.20	0.11	7.49	fill 0-4.89, sand 9.91, till 10.20	6.80	2012/02/13
12-10	18	447572	5029449	9.80	↓	↓	↓	0.05	8.21	8.21	9.66	0.11	7.91	fill 0-4.89, sand 9.60, till 9.80		

Well Contractor and Well Technician Information					Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)		Date Last Well in Cluster Completed (yyyy/mm/dd)		Ministry Use Only		
Business Name of Well Contractor		Business Address (Street Number/Name, RR)		Municipality	Province	2012/02/13		2012/02/22		Date Received (yyyy/mm/dd)	Audit No.
George Downing Estate Drilling		410 rue principale		Grenville-sur-la-Rouge	QC					JUL 23 2012	C 15830
Postal Code	Bus. Telephone No.	Well Contractor's Licence No.	Business E-mail Address			Well Abandonment					
J10 V11 B 10	819 242 6469	1844	downing@hawk.igs.net			Person Abandoning the Wells:					
Name of Well Technician (First Name, Last Name)		Well Technician's Licence No.	Signature of Well Technician	Date Submitted (yyyy/mm/dd)	Name <u>City of Ottawa</u>						
Bruce Downing		2173	<i>Bruce Downing</i>	2012/05/04	(Print or Type) - See instruction 11 on the back of this form						

This form is to be completed by the person who constructs or abandons test holes or dewatering wells that form all or part of a well cluster. If this form is being used to report any well abandonment, these wells must have been previously reported as part of a single well cluster.

**Note:** For well cluster records, only the owners of the land on which the wells are situated are to give written consent. If the well purchaser (e.g. a consultant who hires the driller) is not the owner of the land, then the well purchaser cannot sign the consent form.


By signing this form, land owners are providing consent to use one well record to report a well cluster of test holes or dewatering wells in accordance with section 16.4 of Regulation 903 made under the *Ontario Water Resources Act*.

This completed **Well Record for Well Cluster Part 2 - Land Owner Consent** must be attached to Parts 1 and 3.

\* Please PRINT if completing by hand.

Well Tag Number: # \_ **Tag#: A122889**

"Well Record for Well Cluster" Audit Number: # C15830

Well # on Detailed Drawing	Property Location Description	Land Owner's Name	Signature of Land Owner	Date Signed (yyyy/mm/dd)
BH/MW 12-01	191 Lees Avenue, Ottawa	City of Ottawa		2012/07/10
BH/MW 12-02	" "	" "		
BH/MW 12-03	" "	" "		
BH/MW 12-04	" "	" "		
BH/MW 12-05 12-06	" "	" "		
BH/MW 12-07 12-08	" "	" "		
BH/MW 12-09 12-10	" "	" C15844 C15830	" "	

JUL 23 2012

Part 1 - Ministry's Copy

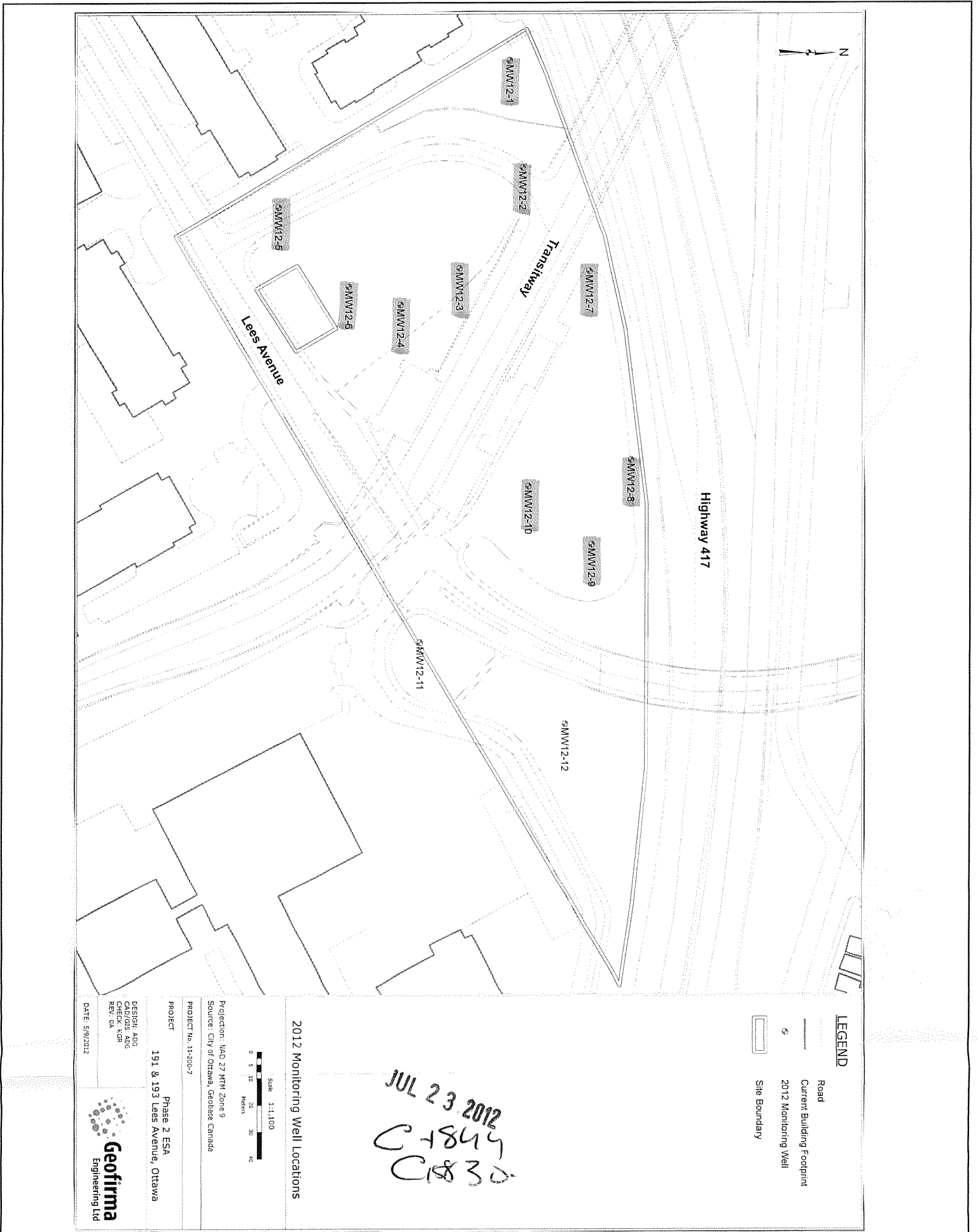


**Note:** This Well Record for Well Cluster Part 3 - Detailed Drawing of all Well Locations, must be attached to Parts 1 and 2. The drawing must include all property boundaries, an arrow indicating the North direction, all named roads and sufficient measurements to locate all wells in the cluster in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

UTM coordinates should appear beside each well, if space permits. Additional comments on wells can be included on the drawing

Well Tag Number: # **Tag#: A122889**

“Well Record for Well Cluster” Form Audit Number: # C15830



[Go Back to Map](#)

## Well ID

Well ID Number: 7242735  
 Well Audit Number: Z207749  
 Well Tag Number: A175684

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

## Well Location

<b>Address of Well Location</b>	86 TEMPLETON 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: 447122.00 Northing: 5029467.00
<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	LOAM		SOFT	0 m	.31 m
BRWN	SAND	STNS	SOFT	.31 m	2.13 m

GREY	CLAY	SILT	SOFT	2.13 m	5.18 m
BLCK	SHLE		LYRD	5.18 m	8.89 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	8.84 m	FILTER SAND	

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion DIRECT PUSH	Monitoring and Test Hole

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	5.79 m

## Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	5.79 m	8.89 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**

<b>Depth From</b>	<b>Depth To</b>	<b>Diameter</b>
4.88 m	8.84 m	7.02 cm
0 m	9.88 m	11.43 cm

# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**

Geotechnical  
Engineering

Environmental  
Engineering

Hydrogeology

Geological  
Engineering

Materials Testing

Building Science

Archaeological  
Services

## POSITION

Associate and Supervisor of the Environmental Division  
Senior Environmental/Geotechnical Engineer

## EDUCATION

Queen's University, B.A.Sc.Eng, 1991  
Geotechnical / Geological Engineering

## MEMBERSHIPS

Ottawa Geotechnical Group  
Professional Engineers of Ontario

## EXPERIENCE

*1991 to Present*

### **Paterson Group Inc.**

Associate and Senior Environmental/Geotechnical Engineer  
Environmental and Geotechnical Division  
Supervisor of the Environmental Division

## SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island  
Agricultural Supply Facilities - Eastern Ontario  
Laboratory Facility – Edmonton (Alberta)  
Ottawa International Airport - Contaminant Migration Study - Ottawa  
Richmond Road Reconstruction - Ottawa  
Billings Hurdman Interconnect - Ottawa  
Bank Street Reconstruction - Ottawa  
Environmental Review – Various Laboratories across Canada - CFIA  
Dwyer Hill Training Centre – Ottawa  
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa  
Remediation Program - Block D Lands – Kingston  
Investigation of former landfill sites – City of Ottawa  
Record of Site Condition for Railway Lands – North Bay  
Commercial Properties – Guelph and Brampton  
Brownfields Remediation – Alcan Site - Kingston  
Montreal Road Reconstruction - Ottawa  
Appleford Street Residential Development - Ottawa  
Remediation Program - Ottawa Train Yards  
Remediation Program - Bayshore and Heron Gate  
Gladstone Avenue Reconstruction – Ottawa  
Somerset Avenue West Reconstruction - Ottawa

Geotechnical  
Engineering

Environmental  
Engineering

Hydrogeology

Geological  
Engineering

Materials Testing

Building Science

Archaeological  
Services

## POSITION

Junior Environmental Engineer

## EDUCATION

University of Guelph, B.Eng., 2019  
Environmental Engineering

## EXPERIENCE

*2019 – Present*

### **Paterson Group Inc.**

Consulting Engineers  
Geotechnical and Environmental Division  
Junior Environmental Engineer

*2018*

### **Health Canada FNIHB**

Proposal and Final Design Review  
Student Engineer

## SELECT LIST OF PROJECTS

Subgrade Reviews – Various Sites – Ottawa  
Density Testing – Residential and Commercial Sites – Ottawa  
Bearing Surface Investigations – Various Sites - Ottawa  
Density Testing – Various Sites - Ottawa  
Phase I Environmental Site Assessments – Residential and Commercial Sites –  
Ottawa (CSA Z768-01)  
Contaminated Soil and Groundwater Sampling – Various Sites – Ottawa