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## Phase I Environmental Site Assessment

91 & 93 Holland Avenue  
Ottawa, Ontario

Prepared For

Nicholson Gluckstein

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## EXECUTIVE SUMMARY

### Assessment

Paterson Group was retained by Nicholson Gluckstein to conduct a Phase I Environmental Site Assessment (ESA) of the properties located at 91 and 93 Holland Avenue (the Phase I Property), in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (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 Phase I Property.

According to the historical research, the subject site was first developed for residential purposes as early as 1915. The Phase I Property continued to be used for residential purposes until the two subject buildings were renovated for use as commercial restaurants in the 1960's. No historical potentially contaminating activities (PCAs) were identified on the Phase I Property.

Two (2) off-site historical PCAs were identified at 1233 Wellington Street West: a former retail fuel outlet and a former dry cleaner. Based on the upgradient orientation and location approximately 40m south of the Phase I Property, the former PCAs were considered to result in an APEC on the Phase I Property. Other off-site historical PCAs identified within the Phase I study area were not considered result in APECs on the Phase I Property based on their separation distances and/or down or cross-gradient orientations relative to the Phase I Property.

Following the historical research, a site inspection was conducted. The use of salt as a deicing agent and the presence of fill material (identified during the concurrent drilling program) were identified as PCAs resulting in APECs. Otherwise, no PCAs were identified on the Phase I Property. No off-site PCAs within the Phase I study area were identified to result in APECs on the Phase I Property.

### Recommendations

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

## 1.0 INTRODUCTION

At the request of Nicholson Gluckstein, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the properties located at 91 and 93 Holland 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. Joe Tallis on behalf of Nicholson Gluckstein. The offices of Nicholson Gluckstein are located at 249 McLeod Street, Ottawa, Ontario. Mr. Tallis can be reached at 613-223-1947.

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 under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

## 2.0 PHASE I PROPERTY INFORMATION

|                                 |  |
|---------------------------------|--|
| Address:                        | 91 & 93 Holland Avenue North, Ottawa, Ontario.   |
| Legal Description:              | Lot 1539 and Part of lot 1537, Registered Plan 157, City of Ottawa   |
| Property Identification Number: | 04035-0012; 04035-0013   |
| Location:                       | The subject site is located on the east side of Holland Avenue between Spencer Street and Wellington Street West, in the City of Ottawa. The subject site is shown on Figure 1 - Key Plan following the body of this report. |
| Latitude and Longitude:         | 45° 24' 2" N, 75° 43' 56" W.   |
| <b>Site Description:</b>        |  |
| Configuration:                  | Rectangular.   |
| Site Area:                      | 0.07 hectares (approximate).   |
| Zoning:                         | MC16 – Mixed Use Centre Zone   |
| Current Use:                    | The Phase I Property is currently occupied by two commercial restaurants.  |
| Services:                       | The Phase I Property is located in a municipally serviced area.  |

### **3.0 SCOPE OF INVESTIGATION**

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

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

## **4.0 RECORDS REVIEW**

### **4.1 General**

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

A radius of approximately 250 m was determined to be appropriate as a Phase I 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 a review of historical documents, the subject property was first identified in the city directories 1915 and shown as residential dwellings on both properties. For the purposes of this report, The Phase I Property was first developed in 1915 for residential purposes.

#### **Fire Insurance Plans**

Fire Insurance Plans (FIPs) from 1912, 1948 and 1956 were reviewed for the Phase I Property and Phase I study area.

According to the 1912 FIPs, the Phase I Property was vacant, immediately adjacent properties were occupied by residential dwellings. Neighbouring properties within the Phase I study area primarily consisted of residential land use with occasional commercial and industrial land use. The Capital Wire Cloth manufacturing facility and a planning mill and lumber yard were present further to the northeast of the Phase I Property.

The 1942 FIPs show the subject properties were occupied with the existing residential structures in their original development. Additional commercial and industrial properties are present within the Phase I study area, including but not limited to automotive service garages, retail fuel outlets and printers.

Based on the 1956 plans, the Phase I Property and surrounding properties remain largely unchanged from the 1942 FIPs.

Based on a review of the FIPs, no potentially contaminating activities (PCAs) were identified on the Phase I Property. Several PCAs identified within the Phase I study area are presented in Table 1.

| <b>Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern</b> |                    |                                       |   |  |
|---|--------------------|---------------------------------------|---|--|
| <b>Fire Insurance Plans Review Summary</b>  |                    |                                       |   |  |
| <b>Address</b>  | <b>Year of FIP</b> | <b>Listed Activity</b>                | <b>Approximate Distance / Orientation from Site</b> | <b>Area of Potential Environmental Concern</b> |
| <b>Hamilton Avenue</b>  |                    |                                       |   |  |
| 6   | 1912, 1948, 1956   | The Capital Wire & Cloth Manufacturer | 85 m NE   | NO   |
| 12  | 1948, 1956         | Foundry                               | 75 m E  | NO   |
| 16  | 1948, 1956         | Machine shop                          | 75 m E  | NO   |
| 24  | 1948, 1956         | Automotive service garage             | 75 m E  | NO   |
| <b>Hinton Avenue</b>  |                    |                                       |   |  |
| 2   | 1948, 1956         | Foundry                               | 100 m N   | NO   |
| <b>Holland Avenue</b>   |                    |                                       |   |  |
| 25  | 1948, 1956         | Beach Foundry Ltd                     | 140 m N   | NO   |
| 65  | 1948, 1956         | Automotive service garage             | 95 m N  | NO   |
| <b>Parkdale Avenue</b>  |                    |                                       |   |  |
| 312   | 1948, 1956         | Former printers                       | 215 m NE  | NO   |
| 390   | 1948, 1956         | Retail fuel outlet                    | 170 m E   | NO   |
| <b>Wellington Street</b>  |                    |                                       |   |  |
| 1190  | 1948, 1956         | Gasoline service station              | 190 m E   | NO   |
| 1198  | 1948, 1956         | Former dry cleaners                   | 114 m SE  | NO   |
| 1237  | 1948, 1956         | Gasoline service station              | 70 m SW   | NO   |
| 1277  | 1948, 1956         | Automotive service garage             | 210 m SW  | NO   |

Based on the separation distances of the PCAs, their down- or cross-gradient and/or orientations relative to the Phase I Property, they are not considered to represent areas of potential environmental concerns (APECs) on the Phase I Property.

### **City of Ottawa Street Directories**

A review of City of Ottawa street directories was conducted as part of the Phase I-ESA. Directories were reviewed approximately every 10 years, between 1900 and 2007.

The Phase I Property was first listed in 1915 as two residential dwellings. Both 91 and 93 Holland Avenue were listed as residential until 1961 when the property addressed 91 Holland Avenue was first listed as a restaurant. The property

addressed 93 Holland Avenue was first listed as a restaurant in 1997. Based on a review of the city directories, no PCAs were identified on the Phase I Property.

Table 2 summarizes off-site PCAs identified within the Phase I study area in the City of Ottawa directories. Many of the PCAs identified were noted previously in Table 1.

| <b>Table 2: Potentially Contaminating Activities<br/>City Directories Review Summary</b> |                     |                           |   |  |
|--|---------------------|---------------------------|---|--|
| <b>Address</b>   | <b>Years Listed</b> | <b>Listed Activity</b>    | <b>Approximate Distance / Orientation from Site</b> | <b>Area of Potential Environmental Concern</b> |
| <b>Hamilton Avenue</b>   |                     |                           |   |  |
| 16   | 1916 - 1956         | Foundry                   | 75 m E  | NO   |
| 24   | 1961 - 2007         | Automotive service garage | 100 m E   | NO   |
| <b>Hinton Avenue</b>   |                     |                           |   |  |
| 2  | 1945 - 1961         | Foundry                   | 100 m N   | NO   |
| <b>Holland Avenue</b>  |                     |                           |   |  |
| 25   | 1948, 1956          | Beach Foundry Ltd         | 140 m N   | NO   |
| 65   | 1948 - 2007         | Automotive service garage | 95 m N  | NO   |
| <b>Parkdale Avenue</b>   |                     |                           |   |  |
| 320  | 1945 -1961          | Former printers           | 215 m NE  | NO   |
| 390  | 1997 -2007          | Retail fuel outlet        | 170 m E   | NO   |
| <b>Wellington Street</b>   |                     |                           |   |  |
| 1233   | 1973                | Gasoline service station  | 40 m S  | YES  |
| 1266   | 1983                | Dry cleaners              | 160 m SW  | NO   |
| 1277   | 1925 - 1983         | Automotive service garage | 210 m SW  | NO   |

The former retail fuel outlet at 1233 Wellington Street West is considered to represent an APEC on the Phase I Property based on its proximity to the subject land (40m) and its upgradient orientation. As discussed in the previous section, the remaining PCAs are not considered to represent APECS on the Phase I Property based on their separation distances and/or orientation relative to the subject land.

As discussed in the previous section, the remaining PCA's are not considered to represent APECs on the Phase I Property based on their separation distances and/or orientations relative to the subject land.

## **Plan of Survey**

A topographic plan of survey prepared by Annis, O’Sullivan, Vollebekk Ltd. and dated February 23, 2021, was reviewed as part of this assessment. The Phase I Property appears as depicted in the plan of survey. A copy of the survey plan is provided in Appendix 1.

## **Chain of Title**

Based on a review of historical records detailed above, it has been determined that the subject properties were initially developed for residential use and later converted to commercial restaurants. As the current properties maintain their original structures and are currently being used as restaurants, it was determined that the information to be provided in a chain of title search would not contribute to the environmental assessment for the subject properties. Therefore, a chain of title search was not completed as part of this assessment.

## **4.2 Environmental Source Information**

### **Environment Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on February 10, 2021. The Phase I Property 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.

### **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 February 10, 2021. The search did not reveal any natural features or areas of natural significance within the Phase I study area.

### **Ministry of the Environment, Conservation and Parks (MECP) Coal Gasification Plant Inventory**

The Ontario Ministry of Environment, Conservation and Parks (MECP) document titled “Municipal Coal Gasification Plant Site Inventory, 1991” was reviewed to reference the locations of former plants with respect to the Phase I Property. No coal gasification plants were located 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. A response from the MECP had not been received at the time this report was issued. A copy of the response will be forwarded to the client upon receipt.

### **MECP Instruments**

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 site. A response from the MECP had not been received at the time this report was issued. A copy of the response will be forwarded to the client upon receipt.

### **MECP Waste Management Records**

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. A response from the MECP had not been received at the time this report was issued. A copy of the response will be forwarded to the client upon receipt.

### **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 MOECC. A response from the MECP had not been received at the time this report was issued. A copy of the response will be forwarded to the client upon receipt.

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

A search of the MECP Brownfields Environmental Site Registry was conducted electronically as part of this assessment for the Phase I Property, and the Phase I study area. No Records of Site Condition (RSCs) were filed for the subject property. Two RSCs were filed on properties within the study area, both of which were filed by Paterson Group. The first was an RSC at 1233 Wellington Street West, and the second at 131 Holland Avenue. There are no concerns with respect to the current activities at these properties. The former retail fuel outlet @1233 Wellington Street West is considered to represent an APEC on the Phase I Property based on its proximity to the subject land (40m) and its upgradient orientation.

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

The Ontario Ministry of Environment and Climate Change 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, there are no active or closed waste disposal sites listed within the Phase I study area.

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

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on January 29, 2021 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. In a response dated January 29, 2021, the TSSA did not identify any records pertaining to the subject properties or neighbouring properties.

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

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former landfills are located within the Phase I study area.

### **City of Ottawa Historical Land Use Inventory**

A search request for the City of Ottawa’s Historical Land Use Inventory (HLUI 2005) database was requested as part of this assessment. According to the City of Ottawa’s HLUI, no activities associated with the Phase I Property were identified.

The City’s inventory revealed that there are 117 activities associated with 57 properties within the Phase I Study Area. The majority of these activities were located 100m or more away from the Phase I Property. Activities that were considered PCAs and identified within 100m of the Phase I Property are summarized in Table 3.

| <b>Table 3: Potentially Contaminating Activities<br/>HLUI Review Summary</b> |                        |                                 |                     |   |
|--|------------------------|---------------------------------|---------------------|---|
| <b>Activity ID</b>   | <b>Address</b>         | <b>Listed Activity</b>          | <b>Years Listed</b> | <b>Approximate Distance / Orientation from Site</b> |
| 12439  | 1251 Wellington Street | Service Station (RFO)           | 1930-1970           | 70 m SW   |
| 10815  | 1232 Wellington Street | Prosperity Cleaners             | 1940-1950           | 90 m S  |
| 10808  | 1233 Wellington Street | Proshine Car Wash               | 1998                | 40 m S  |
| 433  | 1233 Wellington Street | Laundries and Cleaners          | 1930-2000           | 40 m S  |
| 7759   | 1233 Wellington Street | Mario's BP Service Station      | 1970                | 40 m S  |
| 2003   | 20 Hamilton Avenue     | Canada Brass and Machine Works  | 1940                | 75 m E  |
| 2897   | 20 Hamilton Avenue     | Canadian Underfeed Coal Burners | 1922-1950           | 75 m E  |
| 4345   | 18 Hamilton Avenue     | Davidson Foundry                | 1920-1965           | 75 m E  |

The off-site PCAs were previously identified in the FIPs and city directory (tables 1 and 2), with the following exceptions: a former dry cleaner at 1233 Wellington Street; and a former dry cleaner at 1232 Wellington Street. Based on its upgradient orientation and close proximity to the Phase I Property, the historical uses of the property at 1233 and 1232 Wellington Street are considered to represent APECs on the Phase I Property. A copy of the HLUI response is provided in Appendix 2.

### **Former Industrial Sites**

The report entitled “Mapping and Assessment of Former Industrial Sites, City of Ottawa” was also reviewed as part of this assessment. The Phase I Property was not listed in the report, while six (6) former industrial sites were identified in the Phase I study area:

- Site 54: Capital Wire Cloth and Manufacturing Co. Ltd. at 1 Hinton Street, located approximately 80 m to the north of the Phase I Property;
- Site 53: J. Robinson, foundry, 2 Hinton Avenue, approximately 120 m north of the Phase I Property;

- ❑ Site 55: Davidson Foundry, 16-18 Hamilton Avenue, located approximately 130 m to the northeast of the Phase I Property;
- ❑ Site 51: Patton Cleaners and Dyers, corner of Wellington Street and Hamilton Avenue, approximately 130 to the east of the Phase I Property;
- ❑ Site 57: Beach Foundry Co. Ltd., Hinton Avenue, approximately 140 m southeast of the Phase I Property; and
- ❑ Site 56: Dominion Loose Leaf Co. Ltd., 320 Parkdale Avenue, approximately 240 m northeast of the Phase I Property.

These former industrial sites are not considered to have resulted in APECs on the Phase I Property, based on their separation distances and/or orientations downgradient, or cross-gradient, with respect to the anticipated groundwater flow direction.

### 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 | The Phase I Property appears to be occupied by the original residential dwellings. Immediately adjacent properties appear to be occupied by residential dwellings while properties within the Phase I study area appear to be used for a combination of residential, commercial and industrial purposes. |
| 1944 | The Phase I Property appears to remain unchanged from the previous photograph. No significant changes were observed on adjacent and neighbouring properties. Further residential and commercial development has occurred along Wellington Street to the south of the Phase I Property.                   |
| 1958 | No significant changes appear to have been made to the Phase I property or to the adjacent and neighbouring properties within the Phase I study area.  |
| 1976 | No significant changes appear to have been made to the Phase I Property.   |

- 1986 No significant changes appear to have been made to the subject site. No significant changes appear to have been made to adjacent properties, however, further to the north, a former industrial property has been demolished.
- 1995 The Phase I Property appears to remain unchanged from the previous photograph. No significant changes appear to have been made to adjacent and neighbouring properties. Further to the north, a residential apartment building has been developed at the location of a previously noted industrial site.
- 2005 (City of Ottawa) No significant changes appear to have been made to the Phase I Property or adjacent and neighbouring properties within the Phase I study area.
- 2017 (City of Ottawa Website) No significant changes appear to have been made to the subject site or adjacent 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 site slopes downward to the north.

The site elevation falls between 62 m and 67 m above sea level. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

### **Physiographic Maps**

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: “The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The subject site is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.

## **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, the Phase I Property is situated in the Gull River Formations, which consist of interbedded limestone and dolomite. Surficial geology consists of glacial till, with a drift thickness on the order to 2 to 3 m.

## **Water Well Records**

A search for water well records was conducted on February 15, 2018 using the Well Records mapping system provided by the MECP, returned ninety-six (96) well records. All records pertained to test holes, monitoring wells, or abandonment of former monitoring wells within the Phase I study area. No potable drinking water well records were identified on the Phase I Property or Phase I study area.

## **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. No areas of natural significance were identified on the Phase I Property or within the Phase I study area.

# **5.0 INTERVIEWS**

## **Property Owner Representative**

Mr. Joe Tallis, representing the property owner, was interviewed as part of the Phase I-ESA. Mr. Tallis indicated that the properties were acquired approximately 10 years ago and have been occupied for restaurant use. Mr. Tallis was not aware of any current or former fuel storage tanks on the Phase I Property. Mr. Tallis was unaware of any environmental concerns associated with the Phase I Property and adjacent properties.

# **6.0 SITE RECONNAISSANCE**

## **6.1 General Requirements**

Mr. Mark St Pierre from the Environmental Department of Paterson Group conducted the site inspection on February 4, 2021. Weather conditions were sunny with a temperature of approximately -4°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 Site Inspection Observations

### Existing Buildings and Structures

The Phase I Property consisted of two detached buildings with gravel and asphalt paved parking lots. The buildings are two-storey former dwellings, each with a full basement level. The buildings have been converted for restaurant use. The exterior of the buildings are finished with sloped and shingled roofs, and stucco walls. The buildings are heated by natural gas-fired forced air furnaces.

The buildings occupy the western portion of the Phase I Property fronting onto Holland Avenue while the eastern, rear portion consists of paved and gravel parking for the tenants of the building. The building at 91 Holland Avenue is occupied by Anna Thai Cuisine. The building at 93 Holland Avenue is occupied by The Soca Kitchen.

### Site Features

The subject site is currently occupied with two (2) two-storey former residential dwelling structures that have been converted for restaurant use. The rear of the buildings are used as parking space for the building the location of waste disposal bins. The site and regional topography slopes towards the north, in the direction of the Ottawa River.

Water drainage on the Phase I Property occurs primarily via sheet drainage. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at the time of the site inspection.

A depiction of the Phase I Property is illustrated on Drawing PE5171-1 - Site Plan, in the Figures section of this report.

### Potential Environmental Concerns

#### Hazardous Materials and Unidentified Substances

No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the exterior of the subject properties at the time of the site inspection.

#### Transformer Oil and Polychlorinated Biphenyls (PCBs)

No transformers or other sources of polychlorinated biphenyls (PCBs) were observed on the subject properties on the day of the site inspection.

## **Waste Management**

Solid, non-hazardous domestic waste and recyclable products are stored in metal bins in the rear parking lots behind each building which are collected by the municipality on a regular basis. No environmental concerns were identified with respect to waste management practices on the subject properties.

## **Fuels and Chemical Storage**

No chemical storage areas, vent and fill pipes, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the exterior of the Phase I Property at the time of the site inspection.

## **Interior Assessment**

A general description of the interior of the subject buildings is as follows:

- Floors within the restaurant dining areas consisted of a combination of carpet, and hardwood flooring. The restaurant kitchen floors consisted of vinyl floor tiles and ceramic tiles. The basement floors both consisted of concrete.
- Walls within both buildings consisted of drywall. The walls of the basement (the foundation of the building) consisted of a stone wall, with a concrete base (reinforcement).
- Ceilings consisted of drywall (some finished with stipple and stucco), and wood framing in the basement.
- Lighting throughout the buildings is provided by incandescent and fluorescent light fixtures.

## **Potentially Hazardous Building Products**

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

Based on the age of the subject buildings, asbestos containing building materials may be potentially present within the structures. The potential ACMs identified at time of the site inspection include drywall joint compound throughout the buildings, the vinyl floor tiles, as well as the ceiling plaster and stucco.

A designated substances survey was completed in conjunction with the Phase I ESA site investigation. The results and findings of the survey are detailed in a separate report.

**Lead-Based Paint**

Based on the age of the subject buildings, lead-based paints may be present, on any original or older painted surfaces.

A designated substances survey was completed in conjunction with the Phase I ESA site investigation. The results and findings of the survey are detailed in a separate report.

**Polychlorinated Biphenyls (PCBs) and Transformer Oil**

No potential sources of PCBs were identified within the interiors of the subject buildings at the time of the site inspection.

**Urea Formaldehyde Foam Insulation (UFFI)**

UFFI was not observed at the time of the site inspection.

**Other Potential Environmental Concerns**

**Interior Fuel and Chemical Storage**

No above ground fuel storage tanks (ASTs) or signs of underground fuel storage tanks (USTs) were observed within either of the subject buildings at the time of the site inspection.

**Ozone Depleting Substances (ODSs)**

Potential sources of ODSs observed on site include refrigerators, fire extinguisher, freezers, and air conditioner units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

**Wastewater Discharges**

No drains or sump pits were observed in the basement of 93 Holland Avenue. One (1) drain and one (1) sump pit was observed in the basement of the 91 Holland Avenue. Water present in the observed sump pit was noted to be clear with no visual or olfactory indications of potential contamination.

Wastewater from the subject buildings (wash water and sewage) is discharged into the City of Ottawa sanitary sewer system. Roof drainage is discharged towards catch basins located on Holland Avenue which drain into the City of Ottawa storm water system.

No environmental concerns were identified with respect to wastewater discharge on the Phase I Property.

### Neighbouring Properties

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

- North - Commercial office followed by residential dwellings;
- South - Residential apartment buildings;
- East - Currently being redeveloped with a multi storey residential apartment building, followed by Hinton Avenue North; and
- West - Holland Avenue followed by residential dwellings.

The current uses of the immediately adjacent properties are not considered to pose an environmental concern to the subject site. Surrounding land use is shown on Drawing PE5171-2 – Surrounding Land Use Plan in the Figures section of this report.

## 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 4: Land Use History</b> |                            |   |   |
|----------------------------------|----------------------------|---|---|
| <b>Time Period</b>               | <b>Land Use</b>            | <b>Potentially Contaminating Activities</b> | <b>Potential Environmental Concerns</b> |
| Prior to 1915                    | Presumed vacant            | None  | None                                    |
| 1915 to 1961                     | Residential                | None  | None                                    |
| 1961 to 1997                     | Restaurant and Residential | None  | None                                    |
| 1997 to Present                  | Restaurant                 | None  | None                                    |

## Potentially Contaminating Activities and Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, two on-site and two off-site historical PCAs were considered to result in APECs on the Phase I Property. As per Column A of Table 2 of the O.Reg. 153/04, as amended, the PCAs considered to result in APECs on the Phase I Property include the following:

- PCA 31 – “Importation of Fill Material of Unknown Quality”: this PCA was identified during the drilling program; fill material generally consisting of silty sand with crushed stone, was identified to a maximum depth of 1.5m. Cement/mortar and possible pieces of coal were identified in the fill material on the southern portion of the site (APEC 1).
- PCA 28 – “Gasoline and Associated Products Storage in Fixed Tanks”: this PCA is associated with a former off-site retail fuel outlet at 1233 Wellington Street West, approximately 40m south of the Phase I Property (APEC 3).
- PCA 37 - “Operation of Dry Cleaning Equipment (where chemicals are used)”: this PCA is associated with a former off-site dry cleaner at 1233 Wellington Street West, approximately 40m south of the Phase I Property (APEC 3).

Although not identified as a specific PCA in Table 2, the application of deicing salts for vehicular and pedestrian safety is also considered to represent an APEC (APEC 2) on the Phase I Property. Based on the findings of the Phase I ESA, it is considered likely that road salt was applied to the surface of the walkways and paved access lane on the western portion of the property for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow.

According to Section 49.1 of O.Reg. 153/04, if an applicable site condition standard is exceeded at a property solely because of the following reason, the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act: “The qualified person has determined, based on a phase one environmental site assessment or a phase two environmental site assessment, that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.”

In accordance with Section 49.1 of O.Reg. 153/04, any EC and SAR concentrations on the Phase I Property that may exceed the MECP Table 3 standards for a residential/institutional land use are deemed not to be exceeded for the purpose of Part XV.1 of the Act.

The remaining historical off-site PCAs were not considered to result in APECs based on their separation distances and/or orientations (down or cross-gradient) with respect to the subject land.

The off-site PCAs considered to result in APECs on the Phase I Property are shown in red on Drawing PE5171-2 - Surrounding Land Use Plan. The resultant APECs are shown on Drawing PE5171-1 – Site Plan.

Off-site PCAs not considered to result in APECs on the Phase I Property are shown in green on Drawing PE5171-2.

### **Contaminants of Potential Concern**

Based on the APECs identified on the Phase I Property, the contaminants of potential concern (CPCs) in the soil and/or groundwater are:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>);
- Polynuclear Aromatic Compounds (PAHs);
- Metals (including As, Sb, Se), Hg and CrVI; and
- Volatile organic compounds (VOCs).

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

Based on the Geological Survey of Canada website, the Phase I Property is located in the Gull River Formations, which consist of interbedded limestone and dolomite. Surficial geology consists of glacial till, with a drift thickness on the order of 2 to 3 m.

Based on local and regional topography in combination with our knowledge of the Ottawa area, groundwater beneath the Phase I Property is expected to flow in a northerly direction toward the Ottawa River.

### **Existing Buildings and Structures**

The Phase I Property is occupied by two former residential dwellings which were constructed in the early 1900s and were later converted to commercial restaurants in the 1960s. The original portions of each building were constructed with stone and mortar foundations. The buildings both have two stories with a full basement level and are finished on the exterior with stucco and sloped, shingled roofs. The buildings are heated with natural gas-fired equipment.

No other buildings or above-grade structures are present on the Phase I Property.

### **Water Bodies**

There are no water bodies on the Phase I Property or within the Phase I study area. The closest body of water is the Ottawa River, located approximately 1.28km north of the Phase I Property.

### **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**

No drinking water wells are located on the Phase I Property or within the Phase I study area.

### **Monitoring Wells**

No monitoring wells are located on the Phase I Property. Based on a search of the MECP wells records mapping system, 96 records of monitoring wells and/or abandoned monitoring wells were identified within the Phase I study area. The monitoring wells are associated with previously discussed PCAs within the study area.

### **Neighbouring Land Use**

Currently, neighbouring land use in the Phase I study area is primarily residential, with some commercial land use further to the north and south of the Phase I Property.

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

As per Section 7.1 of this report, three (3) PCAs are considered to result 2 APECs on the Phase I Property. The PCAs and resultant APEC are summarized in Table 5, along with their respective locations and associated contaminants of potential concern (CPCs) on the Phase I Property.

| <b>Table 5: Areas of Potential Environmental Concern</b>   |  |   |  |  |  |
|--|--|---|--|--|--|
| <b>Area of Potential Environmental Concern</b>   | <b>Location of Area of Potential Environmental Concern</b> | <b>Potentially Contaminating Activity</b>                               | <b>Location of PCA (on-site or off-site)</b> | <b>Contaminants of Potential Concern</b> | <b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b> |
| APEC 1:<br>Resulting from the importation of fill material of unknown quality                      | Southern and eastern portions of the Phase I Property      | PCA 30 – Importation of Fill Material of Unknown Quality                | On-site                                      | Metals<br>Hg, CrVI<br>PAHs               | Soil   |
| APEC 2:<br>Resulting from the use of salt for deicing purposes for pedestrian and vehicular safety | Western portion of the Phase I Property                    | Other – Use of Salt for Deicing Purposes                                | On-site                                      | EC<br>SAR                                | Soil   |
| APEC 3:<br>Resulting from a former off-site gasoline service station and dry cleaner.              | Southern portion of the Phase I Property                   | PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks        | Off-site                                     | BTEX<br>PHCs                             | Soil<br>Groundwater  |
|  |  | PCA 37 - Operation of Dry Cleaning Equipment (where chemicals are used) | Off-site                                     | VOCs                                     | Soil<br>Groundwater  |

Based on the findings of this assessment, it is understood a substance has been applied to surfaces of the Phase I Property for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

In accordance with Section 49.1 of O.Reg. 153/04, any EC and SAR concentrations on the RSC Property that exceed the MECP Table 3 standards for a residential/institutional land use are deemed not to be exceeded for the purpose of Part XV.1 of the Act. This exemption is being relied on for APEC 2.

### **Contaminants of Potential Concern**

As per the APECs identified in Section 7.1, the contaminants of potential concern (CPCs) in soil and/or groundwater include:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum hydrocarbons (PHCs, Fractions F<sub>1</sub>-F<sub>4</sub>);
- Polynuclear Aromatic Compounds (PAHs);
- Metals (including As, Sb, Se), Hg and CrVI; and
- Volatile organic compounds (VOCs).

### **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

### 8.1 Assessment

Paterson Group was retained by Nicholson Gluckstein to conduct a Phase I Environmental Site Assessment (ESA) of the properties located at 91 and 93 Holland Avenue (the Phase I Property), in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (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 Phase I Property.

According to the historical research, the subject site was first developed for residential purposes as early as 1915. The Phase I Property continued to be used for residential purposes until the two subject buildings were renovated for use as commercial restaurants in the 1960's. No historical potentially contaminating activities (PCAs) were identified on the Phase I Property.

Two (2) off-site historical PCAs were identified at 1233 Wellington Street West: a former retail fuel outlet and a former dry cleaner. Based on the upgradient orientation and location approximately 40m south of the Phase I Property, the former PCAs were considered to result in an APEC on the Phase I Property. Other off-site historical PCAs identified within the Phase I study area were not considered result in APECs on the Phase I Property based on their separation distances and/or down or cross-gradient orientations relative to the Phase I Property.

Following the historical research, a site inspection was conducted. The use of salt as a deicing agent and the presence of fill material (identified during the concurrent drilling program) were identified as PCAs resulting in APECs. Otherwise, no PCAs were identified on the Phase I Property. No off-site PCAs within the Phase I study area were identified to result in APECs on the Phase I Property.

### 8.2 Conclusions

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

## 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 under the Environmental Protection Act, 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 Nicholson Gluckstein. Permission and notification from Nicholson Gluckstein and Paterson Group will be required to release this report to any other party.

### Paterson Group Inc.



Mark St Pierre, B.Eng.



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



### Report Distribution:

- Nicholson Gluckstein (1 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 – online database.  
Office of Technical Standards and Safety Authority, Fuels Safety Branch.  
MNR Areas of Natural Significance.  
MECP Water Well Record Inventory.  
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

### **Municipal Records**

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

### **Local Information Sources**

Personal Interviews.

### **Public Information Sources**

Google Earth.  
Google Maps/Street View.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE5171-1 – SITE PLAN**

**DRAWING PE5171-2 – SURROUNDING LAND USE PLAN**



FIGURE 1  
KEY PLAN

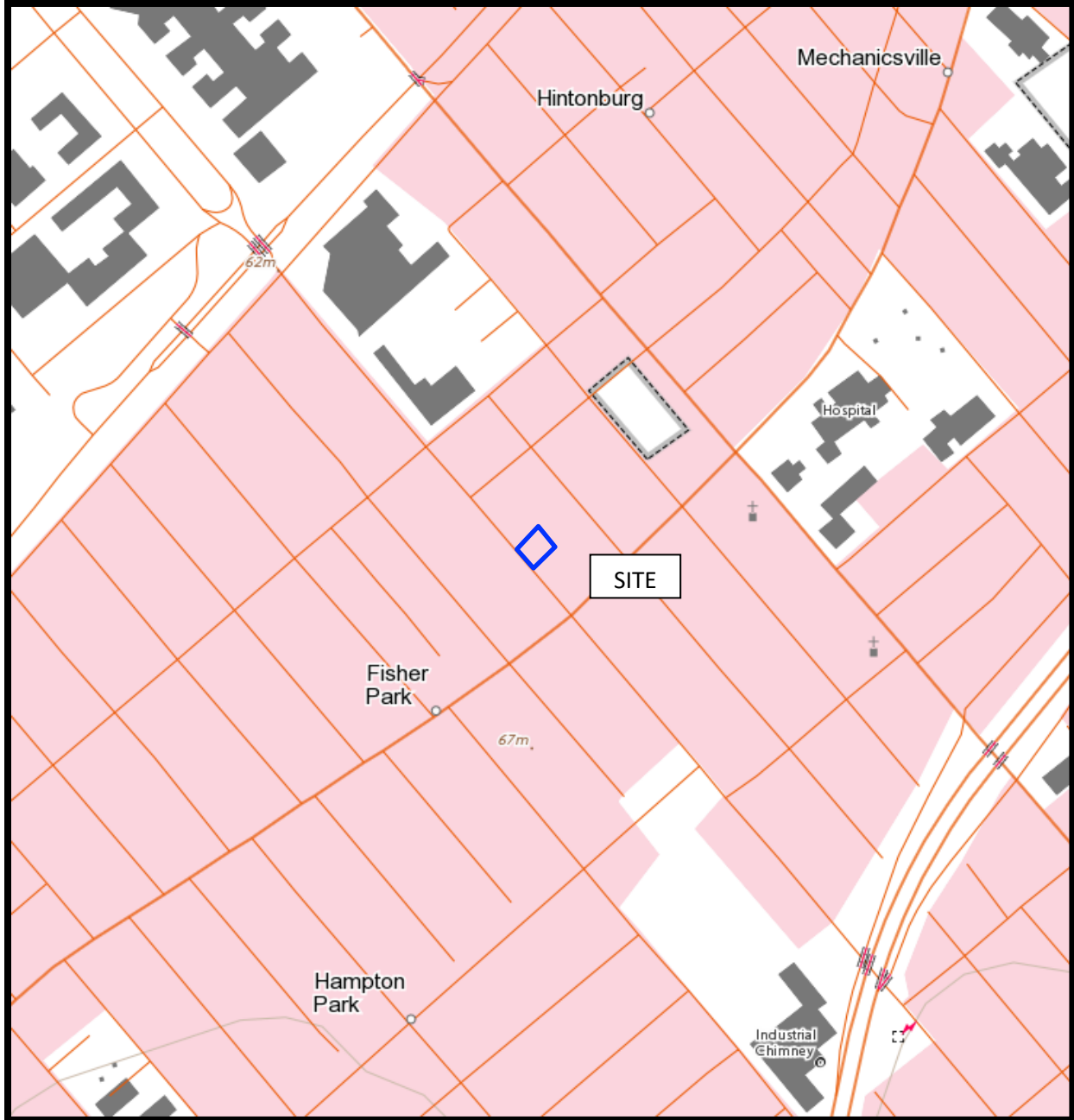


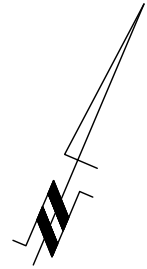
FIGURE 2  
TOPOGRAPHIC MAP

84 HOLLAND AVENUE  
RESIDENTIAL DWELLING

86 HOLLAND AVENUE  
RESIDENTIAL DWELLING

92 HOLLAND AVENUE  
RESIDENTIAL APARTMENT BUILDING

98 HOLLAND AVENUE  
RESIDENTIAL DWELLING



SIDEWALK

HOLLAND AVENUE

SIDEWALK

85 HOLLAND AVENUE  
RESIDENTIAL TOWNHOUSE BLOCK

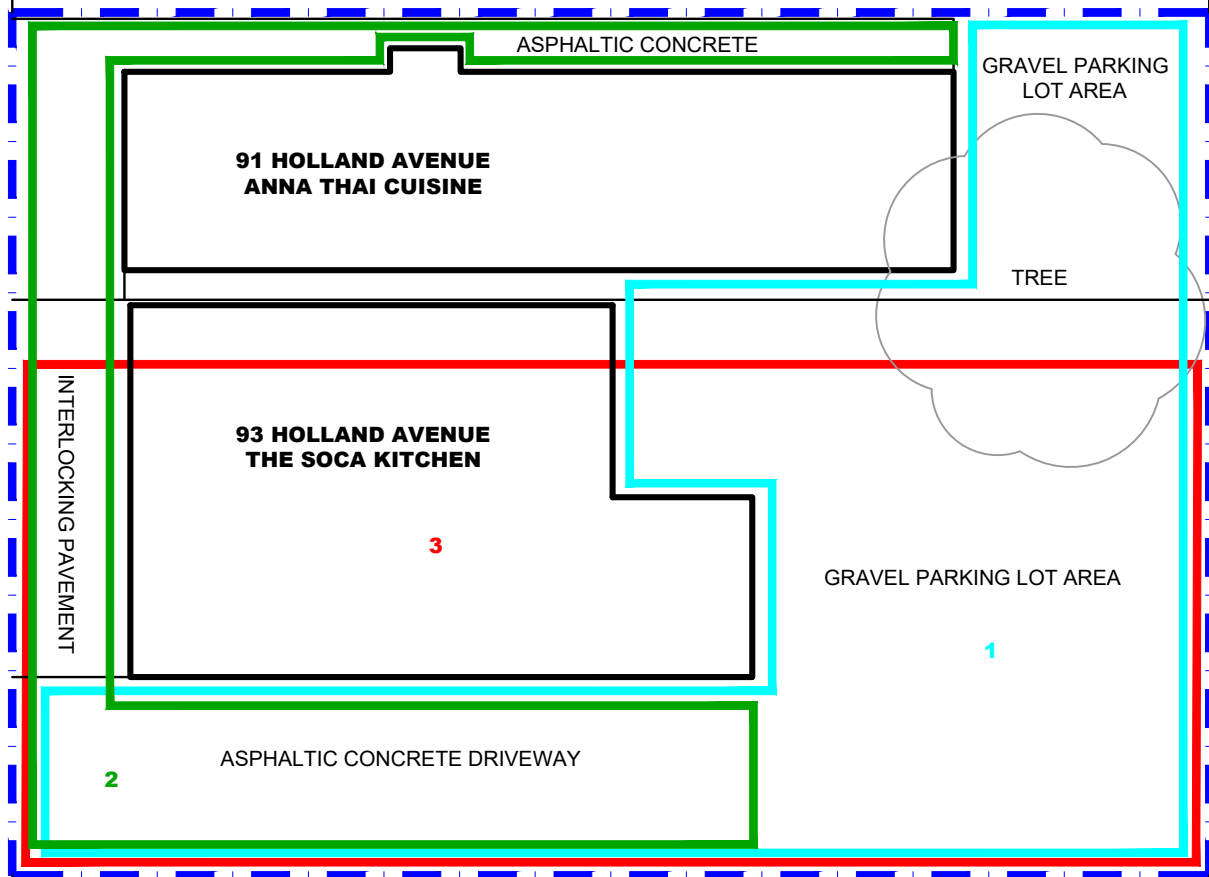
89 HOLLAND AVENUE  
DR. SIMON CHAN - PLASTIC SURGERY

84 HINTON AVENUE NORTH  
RESIDENTIA L TOWNHOUSE BLOCKS

88 HINTON AVENUE NORTH  
RESIDENTIA L TOWNHOUSE BLOCKS

92 HINTON AVENUE NORTH  
RESIDENTIA L TOWNHOUSE BLOCKS

99 HOLLAND AVENUE  
FOUNDATIONS CHIROPRACTIC & INTEGRATED HEALTH



**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**

- 1) APEC 1 - IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY.
- 2) APEC 2 - USE OF SALT FOR DEICING PURPOSES.
- 3) APEC 3 - 1233 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET & DRY CLEANERS.

**patersongroup**  
consulting engineers

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

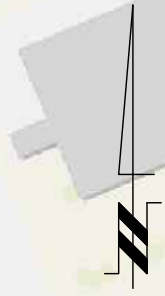
| NO. | REVISIONS | DATE | INITIAL |
|-----|-----------|------|---------|
|     |           |      |         |
|     |           |      |         |
|     |           |      |         |
|     |           |      |         |

NICHOLSON GLUCKSTEIN  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
 91 AND 93 HOLLAND AVENUE

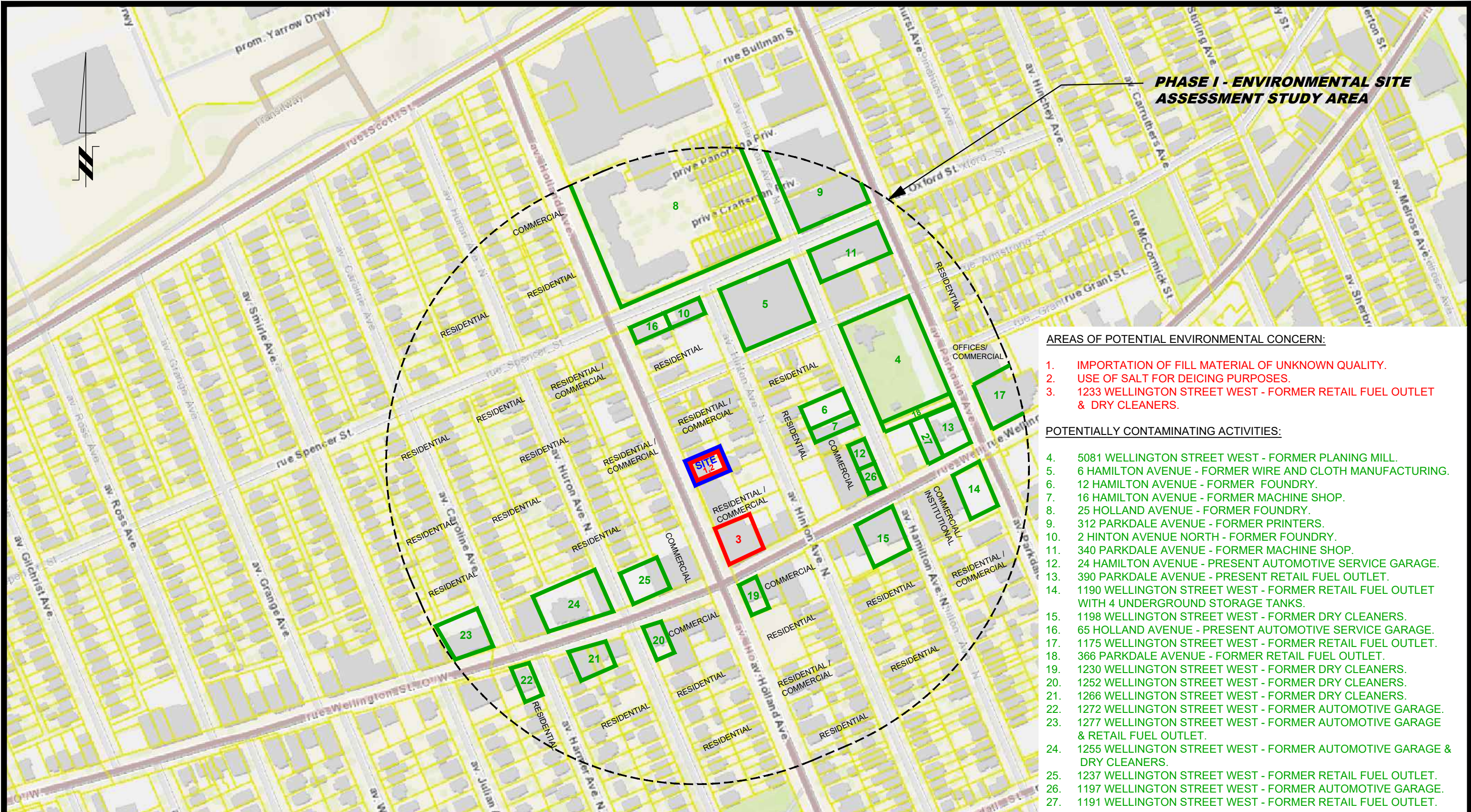
OTTAWA, ONTARIO

**SITE PLAN**

|              |       |               |                 |
|--------------|-------|---------------|-----------------|
| Scale:       | 1:200 | Date:         | 02/2021         |
| Drawn by:    | JM    | Report No.:   | PE5171-1        |
| Checked by:  | MSP   | Dwg No.:      | <b>PE5171-1</b> |
| Approved by: | KM    | Revision No.: |                 |



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



**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:**

1. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY.
2. USE OF SALT FOR DEICING PURPOSES.
3. 1233 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET & DRY CLEANERS.

**POTENTIALLY CONTAMINATING ACTIVITIES:**

4. 5081 WELLINGTON STREET WEST - FORMER PLANING MILL.
5. 6 HAMILTON AVENUE - FORMER WIRE AND CLOTH MANUFACTURING.
6. 12 HAMILTON AVENUE - FORMER FOUNDRY.
7. 16 HAMILTON AVENUE - FORMER MACHINE SHOP.
8. 25 HOLLAND AVENUE - FORMER FOUNDRY.
9. 312 PARKDALE AVENUE - FORMER PRINTERS.
10. 2 HINTON AVENUE NORTH - FORMER FOUNDRY.
11. 340 PARKDALE AVENUE - FORMER MACHINE SHOP.
12. 24 HAMILTON AVENUE - PRESENT AUTOMOTIVE SERVICE GARAGE.
13. 390 PARKDALE AVENUE - PRESENT RETAIL FUEL OUTLET.
14. 1190 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET WITH 4 UNDERGROUND STORAGE TANKS.
15. 1198 WELLINGTON STREET WEST - FORMER DRY CLEANERS.
16. 65 HOLLAND AVENUE - PRESENT AUTOMOTIVE SERVICE GARAGE.
17. 1175 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET.
18. 366 PARKDALE AVENUE - FORMER RETAIL FUEL OUTLET.
19. 1230 WELLINGTON STREET WEST - FORMER DRY CLEANERS.
20. 1252 WELLINGTON STREET WEST - FORMER DRY CLEANERS.
21. 1266 WELLINGTON STREET WEST - FORMER DRY CLEANERS.
22. 1272 WELLINGTON STREET WEST - FORMER AUTOMOTIVE GARAGE.
23. 1277 WELLINGTON STREET WEST - FORMER AUTOMOTIVE GARAGE & RETAIL FUEL OUTLET.
24. 1255 WELLINGTON STREET WEST - FORMER AUTOMOTIVE GARAGE & DRY CLEANERS.
25. 1237 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET.
26. 1197 WELLINGTON STREET WEST - FORMER AUTOMOTIVE GARAGE.
27. 1191 WELLINGTON STREET WEST - FORMER RETAIL FUEL OUTLET.

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| NO. | REVISIONS | DATE | INITIAL |
|-----|-----------|------|---------|
| 0   |           |      |         |

NICHOLSON GLUCKSTEIN  
PHASE I - ENVIRONMENTAL SITE ASSESSMENT  
91 AND 93 HOLLAND AVENUE

OTTAWA,  
Title:

**SURROUNDING LAND USE PLAN**

ONTARIO

|              |        |               |                 |
|--------------|--------|---------------|-----------------|
| Scale:       | 1:3000 | Date:         | 02/2021         |
| Drawn by:    | JM     | Report No.:   | PE5171-1        |
| Checked by:  | MSP    | Dwg. No.:     | <b>PE5171-2</b> |
| Approved by: | KM     | Revision No.: | 0               |

# **APPENDIX 1**

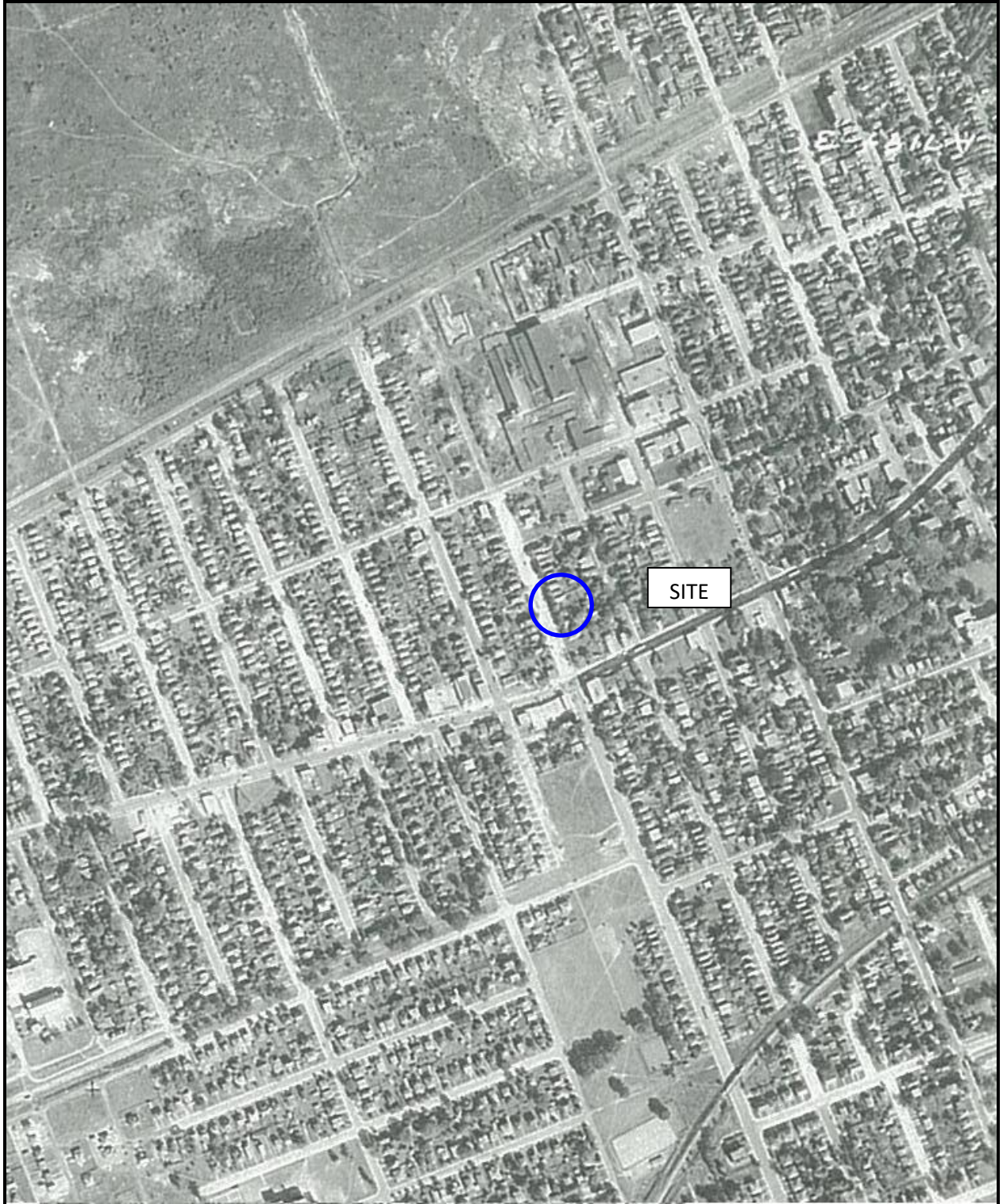
**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**

**SURVEY PLAN**



AERIAL PHOTOGRAPH  
1928



AERIAL PHOTOGRAPH  
1944



AERIAL PHOTOGRAPH  
1958



AERIAL PHOTOGRAPH  
1976



AERIAL PHOTOGRAPH  
1986



AERIAL PHOTOGRAPH  
1995

## Site Photographs

PE5171

February 4, 2021

91 & 93 Holland Avenue, Ottawa, Ontario



Photograph 1: Front entrance and façade of 93 Holland Avenue, facing east.



Photograph 2: Rear façade and addition of 93 Holland Avenue, facing west.

## Site Photographs

PE5171

91 & 93 Holland Avenue, Ottawa, Ontario

February 4, 2021



Photograph 3: Waste bin at rear parking area of 93 Holland Avenue showing ongoing construction to the east, facing southeast.



Photograph 4: Natural gas-fired furnace in basement of 93 Holland Avenue, facing south.

## Site Photographs

PE5171

February 4, 2021

91 & 93 Holland Avenue, Ottawa, Ontario



Photograph 5: Front entrance and façade of 91 Holland Avenue, facing east



Photograph 6: Rear addition and waste bins of 91 Holland Avenue, facing west.

## Site Photographs

PE5171

91 & 93 Holland Avenue, Ottawa, Ontario

February 4, 2021



Photograph 7: Sump pump located in basement addition of 91 Holland Avenue, facing east.



Photograph 8: Natural gas-fired furnace in basement of 91 Holland Avenue, facing west.

TOPOGRAPHIC PLAN OF SURVEY OF  
**LOT 1539 AND PART OF LOT 1537**  
**REGISTERED PLAN 157**  
**CITY OF OTTAWA**  
 Surveyed by Annis, O'Sullivan, Vollebek Ltd.

Scale 1 : 150  
 6 4.5 3.0 1.5 0 3 6 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 and the Surveyors Act and the regulations made under them.
  2. The survey was completed on the 5th day of February, 2021.

February 23, 2021  
 Date  
  
 Richard R. Gauthier  
 Ontario Land Surveyor

**Notes & Legend**

| Denotes |   |
|---------|---|
|         | Survey Monument Planted                           |
|         | Survey Monument Found                             |
| SSIB    | Short Standard Iron Bar                           |
| IB      | Iron Bar  |
| CC      | Cut Cross   |
| CP      | Concrete Pin                                      |
| PB      | Plastic Bar                                       |
| (WIT)   | Witness   |
| Meos.   | Measured  |
| (AOG)   | Annis, O'Sullivan, Vollebek Ltd.                  |
| (PI)    | Registered Plan 157                               |
| (P2)    | Plan 4R-30448                                     |
| (P3)    | Ottawa-Carleton Condominium Plan No. 446          |
| (P4)    | (857) Plan dated April 27, 1998                   |
| (P5)    | (1692) Plan dated November 30, 2004               |
|         | Deciduous Tree                                    |
|         | Catch Basin                                       |
|         | Fire Hydrant                                      |
|         | Water Valve                                       |
|         | Maintenance Hole (Storm Sewer)                    |
|         | Maintenance Hole (Sanitary)                       |
|         | Underground Storm Sewer                           |
|         | Overhead Wires                                    |
|         | Top of Grate                                      |
|         | Gas Meter   |
|         | Bollard   |
|         | Bike Rack   |
|         | Chain Link Fence                                  |
|         | Board Fence                                       |
|         | Concrete Sidewalk                                 |
|         | Utility Pole                                      |
|         | Anchor  |
|         | Air Conditioner                                   |
|         | Diameter  |
|         | Location of Elevations                            |
|         | Top of Concrete Curb and Retaining Wall Elevation |
|         | Centreline  |
|         | Property Line                                     |

Bearings are grid, derived from Can-Net 2016 Real Time Network GPS observations, and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

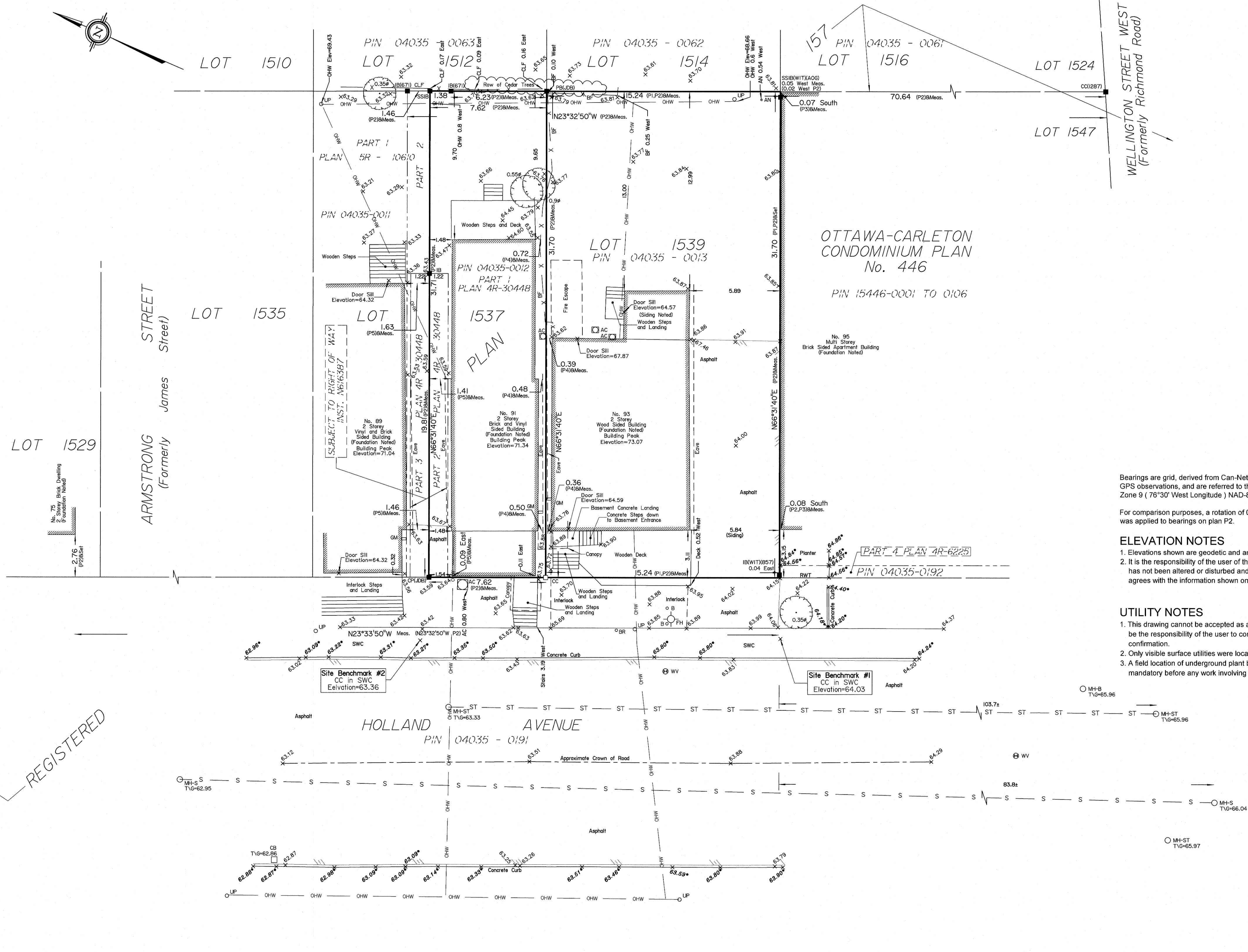
For comparison purposes, a rotation of 0°01'20" counter clockwise was applied to bearings on plan P2.

**ELEVATION NOTES**

1. Elevations shown are geodetic and are referred to the CGVD28 geodetic datum.
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

**UTILITY NOTES**

1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.



REGISTERED

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**ANNIS, O'SULLIVAN, VOLLEBEK LTD.**  
 14 Concourse Gate, Suite 500  
 Nepean, Ont. K2E 7S6  
 Phone: (613) 727-0850 / Fax: (613) 727-1079  
 Email: nepean@aovltd.com

Ontario Land Surveyors Job No. 20990-21 Nicholson, P.L. 1537, 1539, P.L. 157, T.F.

ASSOCIATION OF ONTARIO  
 LAND SURVEYORS  
 PLAN SUBMISSION FORM  
**2165233**

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

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION**

**MECP WELL RECORDS**

**HLUI RESPONSE**

**TSSA CORRESPONDENCE**

Freedom of Information and  
Protection of Privacy Office  
40 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto ON M4V 1M2  
Telephone 416 314-4075

**Instructions**

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**

|  |  |
|--|--|
| FOI Request Number   | Date Request Received (yyyy/mm/dd)   |
| Fee Paid   | <input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order |
| <input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW |  |

**1. Requester Data**

|   |                                       |                |
|---|---------------------------------------|----------------|
| Last Name<br><b>St Pierre</b>                       | First Name<br><b>Mark</b>             | Middle Initial |
| Title<br><b>Intermediate Environmental Engineer</b> | Company Name<br><b>Paterson Group</b> |                |

**Mailing Address**

|  |                             |  |                               |
|--|-----------------------------|--|-------------------------------|
| Unit Number  | Street Number<br><b>154</b> | Street Name<br><b>Colonnade Road South</b>   | PO Box                        |
| City/Town<br><b>Ottawa</b>                         |                             | Province<br><b>Ontario</b>                   | Postal Code<br><b>K2E 7J5</b> |
| Email Address<br><b>mstpierre@patersongroup.ca</b> |                             | Telephone Number<br><b>613 226-7381</b> ext. | Fax Number                    |
| Project/Reference Number<br><b>PE5120</b>          | Signature of Requester      |  |                               |

**2. Request Parameters**

**Municipal Address** (Municipal address mandatory for cities, towns or regions)

|                                    |                               |                                      |                               |
|------------------------------------|-------------------------------|--------------------------------------|-------------------------------|
| Unit Number                        | Street Number<br><b>91-93</b> | Street Name<br><b>Holland Avenue</b> | PO Box                        |
| Lot Number                         | Concession                    | Geographic Township                  |                               |
| City/Town/Village<br><b>Ottawa</b> |                               | Province<br><b>Ontario</b>           | Postal Code<br><b>K1Y 0Y1</b> |

**Present Property**

|                        |                                |
|------------------------|--------------------------------|
| 1. Owner               | Date of Ownership (yyyy/mm/dd) |
| Tenant (if applicable) |                                |

**Previous Property**

|                        |                                |
|------------------------|--------------------------------|
| 1. Owner               | Date of Ownership (yyyy/mm/dd) |
| Tenant (if applicable) |                                |

### 3. Search Parameters

| Search Parameters  | Specify Year(s) Requested |
|--|---------------------------|
| Environmental concerns (General correspondence, occurrence reports, abatement) | All                       |
| Orders   | All                       |
| Spills   | All                       |
| Investigations/prosecutions ► Owner and tenant information must be provided    | All                       |
| Waste Generator number/classes   | All                       |

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

### 4. Environmental Compliance Approvals/Certificates of Approval

| Environmental Compliance Approvals/Certificates of Approval  | SD                                  | Specify Year(s) Requested |
|--|-------------------------------------|---------------------------|
| air - emissions  | <input checked="" type="checkbox"/> | 1986- Present             |
| renewable energy   | <input checked="" type="checkbox"/> | 1986- Present             |
| water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)        | <input checked="" type="checkbox"/> | 1986- Present             |
| sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations            | <input checked="" type="checkbox"/> | 1986- Present             |
| waste water - industrial discharge   | <input checked="" type="checkbox"/> | 1986- Present             |
| waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites                   | <input checked="" type="checkbox"/> | 1986- Present             |
| waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction | <input checked="" type="checkbox"/> | 1986- Present             |

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

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- 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               |  |  |  |  |  |  |  |  | LOT |

Address of Well Location (County/District/Municipality): **Ottawa Carleton** Township: **Ottawa**

RR#/Street Number/Name: **3 Hamilton Ave. North** City/Town/Village: Site/Compartment/Block/Tract etc.

GPS Reading: NAD **83** Zone **18** Easting **442802** Northing **5027853** Unit Make/Model: **Garmin/eTrex** 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 Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 2.0 |
| grey           | limestone            |                 |                     | 2.0          | 7.6 |

| Hole Diameter |           |                      |
|---------------|-----------|----------------------|
| Depth From    | Metres To | Diameter Centimetres |
| 0             | 3.0       | 25.4                 |
| 3.0           | 7.6       | 15.2                 |

| Water Record                        |   |
|-------------------------------------|---|
| Water found at                      | Kind of Water   |
| seepage                             | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: |
| 1 m                                 | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: |
| After test of well yield, water was | <input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify   |
| Chlorinated                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |

| Construction Record                           |  |                            |              |     |
|---|--|----------------------------|--------------|-----|
| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth Metres |     |
|   |  |                            | From         | To  |
| <b>Casing</b>                                 |  |                            |              |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 3.0 |
| <b>Screen</b>                                 |  |                            |              |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |     |
| <b>No Casing or Screen</b>                    |  |                            |              |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 3.0          | 7.6 |

| 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       |                    |
| If pumping discontinued, give reason.  | 30           |                    | 30       |                    |
|  | 40           |                    | 40       |                    |
|  | 50           |                    | 50       |                    |
|  | 60           |                    | 60       |                    |

| Plugging and Sealing Record |   |                              |
|-----------------------------|---|------------------------------|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| 0                           | 3.0 Holeplug  |                              |

| Method of Construction                         |  |                                  |                                  |
|--|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Digging |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion          | <input type="checkbox"/> Jetting | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                  | <input type="checkbox"/> Driving |                                  |

| Water Use                           |                                     |   |   |
|-------------------------------------|-------------------------------------|---|---|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Industrial | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock      | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Municipal  | <input type="checkbox"/> Cooling & air conditioning |   |

| Final Status of Well                             |   |  |   |
|--|---|--|---|
| <input checked="" type="checkbox"/> Water Supply | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished            | <input type="checkbox"/> Abandoned, (Other) |
| <input type="checkbox"/> Observation well        | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering |   |
| <input type="checkbox"/> Test Hole               | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well      |   |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>Z 47374</b>  | Date Well Completed <b>2007 03 14</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor: <b>Bernard Marguardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.: <b>3651</b>   |
| Business Address (street name, number, city etc.): <b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name): <b>Marguardt, Brad</b>                                    | Well Technician's Licence No.: <b>T-2781</b> |
| Signature of Technician/Contractor: <i>Brad Marguardt</i>  | Date Submitted: <b>2007 03 22</b>            |

| Ministry Use Only                 |                           |
|-----------------------------------|---------------------------|
| Data Source                       | Contractor: <b>3651</b>   |
| Date Received: <b>MAR 29 2007</b> | Date of Inspection: _____ |
| Remarks                           | Well Record Number        |

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- 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 |

Address of Well Location (County/District/Municipality) **Ottawa Carleton** Township **Ottawa** Lot \_\_\_\_\_ Concession \_\_\_\_\_

RR#/Street Number/Name **3 Hamilton Ave. North** City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_

GPS Reading NAD **83** Zone **18** Easting **442801** Northing **5027861** Unit Make/Model **Garmin/eTrex** 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 Metres |            |
|----------------|----------------------|-----------------|---------------------|--------------|------------|
|                |                      |                 |                     | From         | To         |
| <b>brown</b>   | <b>gravel</b>        | <b>sand</b>     |                     | <b>0</b>     | <b>2.1</b> |
| <b>grey</b>    | <b>limestone</b>     |                 |                     | <b>2.1</b>   | <b>7.6</b> |

| Hole Diameter |            |                      |
|---------------|------------|----------------------|
| Depth From    | Metres To  | Diameter Centimetres |
| <b>0</b>      | <b>3.4</b> | <b>25.4</b>          |
| <b>3.4</b>    | <b>7.6</b> | <b>15.2</b>          |

| Water Record                |   |
|-----------------------------|---|
| Water found at _____ Metres | Kind of Water   |
| <b>seepage</b>              | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |

After test of well yield, water was  Clear and sediment free  Other, specify \_\_\_\_\_

Chlorinated  Yes  No

| Construction Record   |  |                            |              |            |
|---|--|----------------------------|--------------|------------|
| Inside diam centimetres   | Material   | Wall thickness centimetres | Depth Metres |            |
|   |  |                            | From         | To         |
| <b>15.9</b>   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | <b>.48</b>                 | <b>0</b>     | <b>3.4</b> |
| <b>Casing</b>   |  |                            |              |            |
| <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized |  |                            |              |            |
| <b>Screen</b>   |  |                            |              |            |
| Outside diam  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |            |
| <b>No Casing or Screen</b>  |  |                            |              |            |
| <input checked="" type="checkbox"/> Open hole   |  |                            | <b>3.4</b>   | <b>7.6</b> |

| 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)   | <b>1</b>     |                    | <b>1</b>  |                    |
| Duration of pumping _____ hrs + _____ min   | <b>2</b>     |                    | <b>2</b>  |                    |
| Final water level end of pumping _____ metres   | <b>3</b>     |                    | <b>3</b>  |                    |
| Recommended pump type. <input type="checkbox"/> Shallow <input type="checkbox"/> Deep | <b>4</b>     |                    | <b>4</b>  |                    |
| Recommended pump depth. _____ metres  | <b>5</b>     |                    | <b>5</b>  |                    |
| Recommended pump rate. (litres/min)   | <b>10</b>    |                    | <b>10</b> |                    |
| If flowing give rate - (litres/min)   | <b>15</b>    |                    | <b>15</b> |                    |
|   | <b>20</b>    |                    | <b>20</b> |                    |
|   | <b>25</b>    |                    | <b>25</b> |                    |
| If pumping discontinued, give reason.   | <b>30</b>    |                    | <b>30</b> |                    |
|   | <b>40</b>    |                    | <b>40</b> |                    |
|   | <b>50</b>    |                    | <b>50</b> |                    |
|   | <b>60</b>    |                    | <b>60</b> |                    |

| Plugging and Sealing Record |   |                              |
|-----------------------------|---|------------------------------|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| <b>0</b>                    | <b>3.4</b>  | <b>Holeplug</b>              |

Annular space  Abandonment

| Method of Construction                         |  |                                  |                                  |
|--|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Digging |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion          | <input type="checkbox"/> Jetting | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                  | <input type="checkbox"/> Driving |                                  |

| Water Use                           |                                     |   |   |
|-------------------------------------|-------------------------------------|---|---|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Industrial | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock      | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Municipal  | <input type="checkbox"/> Cooling & air conditioning |   |

| Final Status of Well                      |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Water Supply     | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished            | <input type="checkbox"/> Abandoned, (Other) |
| <input type="checkbox"/> Observation well | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering |   |
| <input type="checkbox"/> Test Hole        | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well      |   |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>z 47375</b>  | Date Well Completed <b>2007 03 14</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____                  |

| Well Contractor/Technician Information  |   |
|---|---|
| Name of Well Contractor <b>Bernard Marguardt &amp; Son Ltd.</b>   | Well Contractor's Licence No. <b>3651</b>   |
| Business Address (street name, number, city etc.) <b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |   |
| Name of Well Technician (last name, first name) <b>Marguardt, Brad</b>                                    | Well Technician's Licence No. <b>T-2781</b> |
| Signature of Technician/Contractor <i>Brad Marguardt</i>  | Date Submitted <b>2007 03 22</b>            |

| Ministry Use Only                |                          |
|----------------------------------|--------------------------|
| Data Source                      | Contractor <b>3651</b>   |
| Date Received <b>MAR 29 2007</b> | Date of Inspection _____ |
| Remarks                          | Well Record Number       |



Well Tag Number (number below)  
**A 054042**  
 A054042

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- Please print clearly in blue or black ink only.

| Ministry Use Only   |  |           |               |                |                           |  |  |  |     |            |  |
|---|--|-----------|---------------|----------------|---------------------------|--|--|--|-----|------------|--|
| MUN   |  |           |               |                |                           | CON                                    |  |  | LOT |            |  |
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |  |           |               |                | Township<br><b>Ottawa</b> |  |  | Lot  |     | Concession |  |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |  |           |               |                | City/Town/Village         |  |  | Site/Compartment/Block/Tract etc.  |     |            |  |
| GPS Reading   |  | NAD       | Zone          | Easting        | Northing                  | Unit Make/Model<br><b>Garmin/eTrex</b> |  | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify _____ |     |            |  |
| <b>83</b>   |  | <b>18</b> | <b>442796</b> | <b>5027873</b> |                           |  |  |  |     |            |  |

Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth Metres |            |
|----------------|----------------------|-----------------|---------------------|--------------|------------|
|                |                      |                 |                     | From         | To         |
| <b>brown</b>   | <b>gravel</b>        | <b>sand</b>     |                     | <b>0</b>     | <b>0.9</b> |
| <b>grey</b>    | <b>limestone</b>     |                 |                     | <b>0.9</b>   | <b>6.1</b> |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |

| Hole Diameter   |            |             | Construction Record   |  |                            |              | Test of Well Yield   |                               |              |                    |          |                    |
|---|------------|-------------|---|--|----------------------------|--------------|--|-------------------------------|--------------|--------------------|----------|--------------------|
| Depth   | Metres     | Diameter    | Inside diam centimetres   | Material   | Wall thickness centimetres | Depth Metres |  | Pumping test method           | Draw Down    |                    | Recovery |                    |
| From  | To         | Centimetres |   |  |                            | From         | To   |                               | Time min     | Water Level Metres | Time min | Water Level Metres |
| <b>0</b>  | <b>1.8</b> | <b>25.4</b> | <b>15.9</b>   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | <b>.48</b>                 | <b>0</b>     | <b>1.8</b>   | Pump intake set at - (metres) | Static Level |                    |          |                    |
| <b>1.8</b>  | <b>6.1</b> | <b>15.2</b> |   |  |                            |              |  | Pumping rate - (litres/min)   | <b>1</b>     |                    | <b>1</b> |                    |
| Water Record  |            |             | Casing  |  |                            |              | Duration of pumping  |                               |              |                    |          |                    |
| Water found at _____ Metres / Kind of Water   |            |             | Screen  |  |                            |              | Final water level end of pumping _____ metres  |                               |              |                    |          |                    |
| seepage <input type="checkbox"/> Gas <input type="checkbox"/> Sulphur <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: _____                                |            |             | Outside diam <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized Slot No. _____ |  |                            |              | Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep |                               |              |                    |          |                    |
| _____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: _____ |            |             | No Casing or Screen   |  |                            |              | Recommended pump depth _____ metres  |                               |              |                    |          |                    |
| _____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals <input type="checkbox"/> Other: _____ |            |             | <input checked="" type="checkbox"/> Open hole   |  |                            |              | Recommended pump rate (litres/min) _____   |                               |              |                    |          |                    |
| After test of well yield, water was <input type="checkbox"/> Clear and sediment free <input type="checkbox"/> Other, specify _____  |            |             |   |  |                            |              | If flowing give rate - (litres/min) _____  |                               |              |                    |          |                    |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |            |             |   |  |                            |              | If pumping discontinued, give reason. _____  |                               |              |                    |          |                    |
|   |            |             |   |  |                            |              | 30 30  |                               |              |                    |          |                    |
|   |            |             |   |  |                            |              | 40 40  |                               |              |                    |          |                    |
|   |            |             |   |  |                            |              | 50 50  |                               |              |                    |          |                    |
|   |            |             |   |  |                            |              | 60 60  |                               |              |                    |          |                    |

| Plugging and Sealing Record                    |   |   | <input checked="" type="checkbox"/> Annular space            | <input type="checkbox"/> Abandonment |
|--|---|---|--|--------------------------------------|
| Depth set at - Metres                          | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres)                        |  |                                      |
| From   | To  |   |  |                                      |
| <b>0</b>                                       | <b>1.8</b>  | <b>Holeplug</b>                                     |  |                                      |
| Method of Construction                         |   |   |  |                                      |
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)              | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                             |                                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                       | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                               |                                      |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                               | <input type="checkbox"/> Driving                    |  |                                      |
| Water Use                                      |   |   |  |                                      |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                           | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other <b>remediation</b> |                                      |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                           | <input type="checkbox"/> Not used                   |  |                                      |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                            | <input type="checkbox"/> Cooling & air conditioning |  |                                      |
| Final Status of Well                           |   |   |  |                                      |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                        | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)                  |                                      |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply       | <input checked="" type="checkbox"/> Dewatering      |  |                                      |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality              | <input type="checkbox"/> Replacement well           |  |                                      |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>Z 47376</b>  | Date Well Completed <b>2007 03 14</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____                  |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted <b>2007 03 22</b>               |

| Ministry Use Only                |                          |
|----------------------------------|--------------------------|
| Data Source                      | Contractor <b>3651</b>   |
| Date Received <b>MAR 29 2007</b> | Date of Inspection _____ |
| Remarks                          | Well Record Number       |

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- 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               |  |  |  |  |  |  |  |  | LOT |

Address of Well Location (County/District/Municipality): **Ottawa Carleton** Township: **Ottawa**

RR#/Street Number/Name: **3 Hamilton Ave. North** City/Town/Village: **Ottawa** Site/Compartment/Block/Tract etc.:

GPS Reading: NAD **83** Zone **18** Easting **442794** Northing **5027881** Unit Make/Model: **Garmin/eTrex** 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 Metres |            |
|----------------|----------------------|-----------------|---------------------|--------------|------------|
|                |                      |                 |                     | From         | To         |
| <b>brown</b>   | <b>gravel</b>        | <b>sand</b>     |                     | <b>0</b>     | <b>1.5</b> |
| <b>grey</b>    | <b>limestone</b>     |                 |                     | <b>1.5</b>   | <b>6.1</b> |

| Hole Diameter  |            |                      | Construction Record   |  |                            |            | Test of Well Yield   |                               |                    |                    |                   |                    |
|--|------------|----------------------|---|--|----------------------------|------------|--|-------------------------------|--------------------|--------------------|-------------------|--------------------|
| Depth From   | Metres To  | Diameter Centimetres | Inside diam centimetres   | Material   | Wall thickness centimetres | Depth From | Metres To  | Pumping test method           | Draw Down Time min | Water Level Metres | Recovery Time min | Water Level Metres |
| <b>0</b>   | <b>2.6</b> | <b>25.4</b>          |   |  |                            |            |  | Pump intake set at - (metres) | Static Level       |                    |                   |                    |
| <b>2.6</b>   | <b>6.1</b> | <b>15.2</b>          | <b>15.9</b>   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | <b>.48</b>                 | <b>0</b>   | <b>2.6</b>   | Pumping rate - (litres/min)   | <b>1</b>           |                    | <b>1</b>          |                    |
| <b>Water Record</b>  |            |                      | <b>Casing</b>   |  |                            |            | <b>Screen</b>  |                               |                    |                    |                   |                    |
| Water found at _____ Metres / Kind of Water  |            |                      | Outside diam  |  |                            |            | Slot No.   |                               |                    |                    |                   |                    |
| <input type="checkbox"/> seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |            |                      | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized |  |                            |            | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized  |                               |                    |                    |                   |                    |
| <input type="checkbox"/> m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____       |            |                      | <b>No Casing or Screen</b>  |  |                            |            | <b>Test of Well Yield</b>  |                               |                    |                    |                   |                    |
| After test of well yield, water was<br><input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify _____   |            |                      | <input checked="" type="checkbox"/> Open hole   |  |                            |            | Recommended pump rate. (litres/min) <b>15</b><br>Recommended pump depth. metres <b>5</b><br>Recommended pump rate. (litres/min) <b>20</b><br>If flowing give rate - (litres/min) <b>25</b><br>If pumping discontinued, give reason. <b>30</b><br><b>40</b><br><b>50</b><br><b>60</b> |                               |                    |                    |                   |                    |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |            |                      |   |  |                            |            |  |                               |                    |                    |                   |                    |

| Plugging and Sealing Record  |            |   |
|--|------------|---|
| Depth set at - Metres From   | To         | Material and type (bentonite slurry, neat cement slurry) etc. |
| <b>0</b>   | <b>2.6</b> | <b>Holeplug</b>   |
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |            |   |

| Method of Construction                         |  |                                  |                                  |
|--|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Digging |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion          | <input type="checkbox"/> Jetting | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                  | <input type="checkbox"/> Driving |                                  |

| Water Use                           |                                     |   |  |
|-------------------------------------|-------------------------------------|---|--|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Industrial | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other, remediation |
| <input type="checkbox"/> Stock      | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used                   |  |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Municipal  | <input type="checkbox"/> Cooling & air conditioning |  |

| Final Status of Well                      |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Water Supply     | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished            | <input type="checkbox"/> Abandoned, (Other) |
| <input type="checkbox"/> Observation well | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering |   |
| <input type="checkbox"/> Test Hole        | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well      |   |

| Well Contractor/Technician Information                  |                               |
|---|-------------------------------|
| Name of Well Contractor                                 | Well Contractor's Licence No. |
| <b>Bernard Marquardt &amp; Son Ltd.</b>                 | <b>3651</b>                   |
| Business Address (street name, number, city etc.)       |                               |
| <b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |                               |
| Name of Well Technician (last name, first name)         | Well Technician's Licence No. |
| <b>Marquardt, Brad</b>                                  | <b>T-2781</b>                 |
| Signature of Technician/Contractor                      | Date Submitted                |
| <i>Brad Marquardt</i>                                   | <b>2007 03 22</b>             |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>Z 47377</b>  | Date Well Completed <b>2007 03 14</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |

| Ministry Use Only                |                    |
|----------------------------------|--------------------|
| Data Source                      | Contractor         |
|                                  | <b>3651</b>        |
| Date Received <b>MAR 29 2007</b> | Date of Inspection |
|                                  |                    |
| Well Record Number               |                    |



Well Tag: **A 054044** (number below)  
**A054044**

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- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

|     |     |     |
|-----|-----|-----|
| MUN | CON | LOT |
|-----|-----|-----|

Address of well location (County/District/Municipality): **Ottawa Carleton**  
 RR#/Street Number/Name: **3 Hamilton Ave. North**  
 Township: **Ottawa**  
 City/Town/Village: \_\_\_\_\_ Site/Compartment/Block/Tract etc.: \_\_\_\_\_  
 GPS Reading: NAD **83** Zone **18** Easting **442791** Northing **5027888**  
 Unit Make/Model: **Garmin/eTrex** 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 Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.5 |
| grey           | limestone            |                 |                     | 1.5          | 6.1 |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 2.5       | 25.4                 |
| 2.5        | 6.1       | 15.2                 |

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water: **seepage**

Gas  Sulphur  Salty  Minerals

Other: \_\_\_\_\_

After test of well yield, water was  Clear and sediment free  Other, specify \_\_\_\_\_

Chlorinated  Yes  No

**Construction Record**

| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth Metres |     |
|---|--|----------------------------|--------------|-----|
|   |  |                            | From         | To  |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 2.5 |
| <b>Screen</b>                                 |  |                            |              |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |     |
| <b>No Casing or Screen</b>                    |  |                            |              |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 2.5          | 6.1 |

**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       |                    |
| If pumping discontinued, give reason.  | 30           |                    | 30       |                    |
|  | 40           |                    | 40       |                    |
|  | 50           |                    | 50       |                    |
|  | 60           |                    | 60       |                    |

**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                          | 2.5 | Holeplug  |                              |

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging

Rotary (conventional)  Air percussion  Jetting  Other

Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other: **remediation**

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

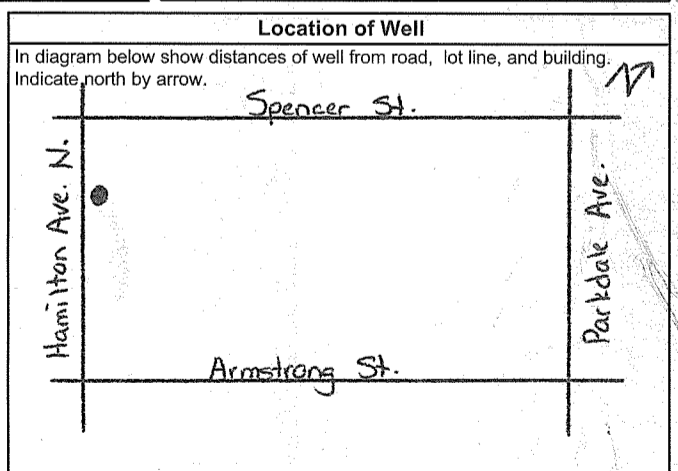
**Well Contractor/Technician Information**

Name of Well Contractor: **Bernard Marquardt & Son Ltd.** Well Contractor's Licence No.: **3651**

Business Address (street name, number, city etc.): **18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0**

Name of Well Technician (last name, first name): **Marquardt, Brad** Well Technician's Licence No.: **T-2781**

Signature of Technician/Contractor: *Brad Marquardt* Date Submitted: **2007 03 22**



Audit No. **Z 47378** Date Well Completed: **2007 03 14**

Was the well owner's information package delivered?  Yes  No

**Ministry Use Only**

Data Source: \_\_\_\_\_ Contractor: **3651**

Date Reported: **29 2007** Date of Inspection: \_\_\_\_\_

Remarks: \_\_\_\_\_ Well Record Number: \_\_\_\_\_

|                           |             |
|---------------------------|-------------|
| Well Tag: <b>A 054045</b> | (see below) |
| <b>A054045</b>            |             |

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- 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 |  |  |  |  |  |  |  |  |  |

|   |           |           |               |                           |                     |                    |  |  |  |  |  |            |  |  |  |
|---|-----------|-----------|---------------|---------------------------|---------------------|--------------------|--|--|--|--|--|------------|--|--|--|
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |           |           |               | Township<br><b>Ottawa</b> |                     |                    |  | Lot  |  |  |  | Concession |  |  |  |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |           |           |               | City/Town/Village         |                     |                    |  | Site/Compartment/Block/Tract etc.                |  |  |  |            |  |  |  |
| GPS Reading   | NAD       | Zone      | Easting       | Northing                  | Unit Make/Model     | Mode of Operation: |  | <input type="checkbox"/> Undifferentiated        |  | <input checked="" type="checkbox"/> Averaged |  |            |  |  |  |
|   | <b>83</b> | <b>18</b> | <b>442788</b> | <b>5027893</b>            | <b>Garmin/eTrex</b> |                    |  | <input type="checkbox"/> Differentiated, specify |  |  |  |            |  |  |  |

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.5 |
| grey           | limestone            |                 |                     | 1.5          | 6.1 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

| Hole Diameter  |        |             | Construction Record   |  |                            |              | Test of Well Yield  |                               |              |                    |          |                    |
|--|--------|-------------|---|--|----------------------------|--------------|---|-------------------------------|--------------|--------------------|----------|--------------------|
| Depth  | Metres | Diameter    | Inside diam centimetres   | Material   | Wall thickness centimetres | Depth Metres |   | Pumping test method           | Draw Down    |                    | Recovery |                    |
| From   | To     | Centimetres |   |  |                            | From         | To  |                               | Time min     | Water Level Metres | Time min | Water Level Metres |
| 0  | 2.8    | 25.4        | 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 2.8   | Pump intake set at - (metres) | Static Level |                    |          |                    |
| 2.8  | 6.1    | 15.2        |   |  |                            |              |   | Pumping rate - (litres/min)   | 1            |                    | 1        |                    |
| <b>Water Record</b><br>Water found at _____ Metres / Kind of Water<br><input checked="" type="checkbox"/> seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____<br>_____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____<br>_____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____<br>After test of well yield, water was<br><input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify _____<br>Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |        |             | <b>Casing</b><br>_____ m <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized<br><b>Screen</b><br>Outside diam _____ <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass Slot No. _____<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized<br><b>No Casing or Screen</b><br><input checked="" type="checkbox"/> Open hole |  |                            |              | Duration of pumping _____ hrs + _____ min<br>Final water level end of pumping _____ metres<br>Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep<br>Recommended pump depth _____ metres<br>Recommended pump rate (litres/min) _____<br>If flowing give rate - (litres/min) _____<br>If pumping discontinued, give reason. |                               |              |                    |          |                    |
|  |        |             | _____ m <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass Slot No. _____<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized  |  |                            |              | 10 _____ 10<br>15 _____ 15<br>20 _____ 20<br>25 _____ 25<br>30 _____ 30<br>40 _____ 40<br>50 _____ 50<br>60 _____ 60  |                               |              |                    |          |                    |

| Plugging and Sealing Record |   |                              | <input checked="" type="checkbox"/> Annular space | <input type="checkbox"/> Abandonment |
|-----------------------------|---|------------------------------|---|--------------------------------------|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |   |                                      |
| From                        | To  |                              |   |                                      |
| 0                           | 2.8   | Holeplug                     |   |                                      |

| Method of Construction                         |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                        |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |   |
| Water Use                                      |   |   |   |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |   |
| Final Status of Well                           |   |   |   |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)           |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |   |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |   |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marguardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marguardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marguardt</i>  | Date Submitted<br><b>2007 03 22</b>            |

| Location of Well   |  |
|--|--|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                        |  |
|  |  |
| Audit No.<br><b>Z 47379</b>  | Date Well Completed<br>YYYY MM DD<br><b>2007 03 15</b> |
| Was the well owner's information package delivered?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered<br>YYYY MM DD                           |

| Ministry Use Only                   |                                  |
|-------------------------------------|----------------------------------|
| Data Source                         | Contractor<br><b>3651</b>        |
| Date Received<br><b>MAR 29 2007</b> | Date of Inspection<br>YYYY MM DD |
| Remarks                             | Well Record Number               |

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Well Owner's Information and Location of Well Information

Address of Well Location (County/District/Municipality) Ottawa Carleton, RR#/Street Number/Name 3 Hamilton Ave. North, City/Town/Village Ottawa, Site/Compartment/Block/Tract etc.

GPS Reading NAD Zone Easting Northing Unit Make/Model Mode of Operation: Undifferentiated Averaged Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

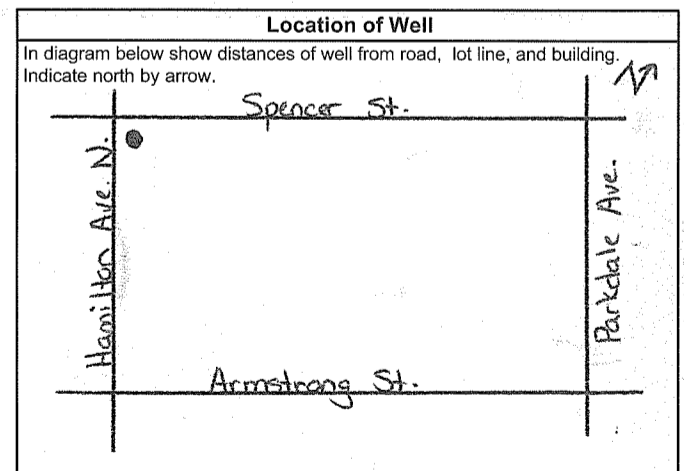
Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To. Rows include brown gravel sand (0 to 1.9) and grey limestone (1.9 to 6.1).

Hole Diameter, Water Record, Chlorinated

Construction Record, Casing, Screen, No Casing or Screen

Test of Well Yield, Pumping test method, Draw Down, Recovery

Plugging and Sealing Record, Annular space, Abandonment



Method of Construction, Water Use, Final Status of Well

Audit No. Z 47380, Date Well Completed 2007 03 15

Well Contractor/Technician Information, Bernard Marquardt & Son Ltd., Brad Marquardt

Ministry Use Only, Data Source, Contractor 3651, Date Received MAR 29 2007

|  |
|--|
| Well Tag<br><b>A 054047</b><br>er below) |
| A054047                                  |

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- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.**
- Please print clearly in blue or black ink only.

Ministry Use Only

|   |                           |                           |   |            |
|---|---------------------------|---------------------------|---|------------|
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |                           | Township<br><b>Ottawa</b> | Lot   | Concession |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |                           | City/Town/Village         | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading   | NAD Zone Easting Northing | Unit Make/Model           | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify _____ |            |
| <b>83</b>   | <b>18 442795</b>          | <b>Garmin/eTrex</b>       |   |            |

Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 0.6 |
| grey           | limestone            |                 |                     | 0.6          | 6.1 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

| Hole Diameter   |           |                      | Construction Record   |  |                            |            | Test of Well Yield  |                               |                    |                    |                   |                    |
|---|-----------|----------------------|---|--|----------------------------|------------|---|-------------------------------|--------------------|--------------------|-------------------|--------------------|
| Depth From  | Metres To | Diameter Centimetres | Inside diam centimetres   | Material   | Wall thickness centimetres | Depth From | Metres To   | Pumping test method           | Draw Down Time min | Water Level Metres | Recovery Time min | Water Level Metres |
| 0   | 1.7       | 25.4                 | 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0          | 1.7   | Pump intake set at - (metres) | Static Level       |                    |                   |                    |
| 1.7   | 6.1       | 15.2                 |   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            |                            |            |   | Pumping rate - (litres/min)   | 1                  |                    | 1                 |                    |
| Water Record  |           |                      | Screen  |  |                            |            | Duration of pumping   |                               |                    |                    |                   |                    |
| Water found at ___ Metres / Kind of Water   |           |                      | Outside diam  |  |                            |            | ___ hrs + ___ min   |                               |                    |                    |                   |                    |
| seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |           |                      | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized |  |                            |            | Final water level end of pumping ___ metres   |                               |                    |                    |                   |                    |
| ___ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____   |           |                      | Slot No.  |  |                            |            | Recommended pump type. <input type="checkbox"/> Shallow <input type="checkbox"/> Deep |                               |                    |                    |                   |                    |
| After test of well yield, water was <input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify _____   |           |                      | No Casing or Screen   |  |                            |            | Recommended pump depth. ___ metres  |                               |                    |                    |                   |                    |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |           |                      | <input checked="" type="checkbox"/> Open hole   |  |                            |            | Recommended pump rate. (litres/min)   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 15 15   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | If flowing give rate - (litres/min)   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 20 20   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 25 25   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | If pumping discontinued, give reason.   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 30 30   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 40 40   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 50 50   |                               |                    |                    |                   |                    |
|   |           |                      |   |  |                            |            | 60 60   |                               |                    |                    |                   |                    |

| Plugging and Sealing Record  |     |   |                              |
|--|-----|---|------------------------------|
| Depth set at - Metres From   | To  | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| 0  | 1.7 | Holeplug  |                              |
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |     |   |                              |

| Method of Construction                         |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                        |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |   |
| Water Use                                      |   |   |   |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |   |
| Final Status of Well                           |   |   |   |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)           |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |   |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |   |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted YYYY MM DD<br><b>2007 03 22</b> |

| Location of Well  |  |
|---|--|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |  |
|   |  |
| Audit No.<br><b>Z 64901</b>   | Date Well Completed<br>YYYY MM DD<br><b>2007 03 15</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered<br>YYYY MM DD                           |

| Ministry Use Only                   |                                  |
|-------------------------------------|----------------------------------|
| Data Source                         | Contractor<br><b>3651</b>        |
| Date Received<br><b>MAR 23 2007</b> | Date of Inspection<br>YYYY MM DD |
| Remarks                             | Well Record Number               |

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- 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 Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.**
- Please print clearly in blue or black ink only.

| Ministry Use Only |  |
|-------------------|--|
|                   |  |

|   |           |   |                                   |                  |
|---|-----------|---|-----------------------------------|------------------|
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |           | Township<br><b>Ottawa</b>   | Lot                               | Concession       |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |           | City/Town/Village   | Site/Compartment/Block/Tract etc. |                  |
| GPS Reading   | NAD       | Zone  | Easting                           | Northing         |
|   | <b>83</b> | <b>18</b>   | <b>41427914</b>                   | <b>510279110</b> |
| Unit Make/Model<br><b>Garmin/eTrex</b>  |           | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify |                                   |                  |

**Log of Overburden and Bedrock Materials (see instructions)**

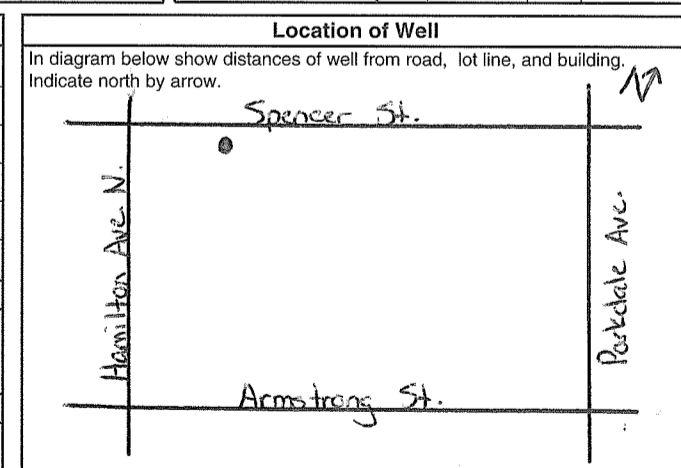
| General Colour | Most common material | Other Materials | General Description | Depth |           |
|----------------|----------------------|-----------------|---------------------|-------|-----------|
|                |                      |                 |                     | From  | Metres To |
| brown          | gravel               | sand            |                     | 0     | 0.9       |
| grey           | limestone            |                 |                     | 0.9   | 6.1       |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |

| Hole Diameter |           |                      |
|---------------|-----------|----------------------|
| Depth From    | Metres To | Diameter Centimetres |
| 0             | 1.8       | 25.4                 |
| 1.8           | 6.1       | 15.2                 |

| Construction Record                           |   |                            |       |     |        |
|---|---|----------------------------|-------|-----|--------|
| Inside diam centimetres                       | Material  | Wall thickness centimetres | Depth |     | Metres |
|   |   |                            | From  | To  |        |
| <b>Casing</b>                                 |   |                            |       |     |        |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass | .48                        | 0     | 1.8 |        |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |     |        |
|   | <input type="checkbox"/> Galvanized   |                            |       |     |        |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            |                            |       |     |        |
| <b>Screen</b>                                 |   |                            |       |     |        |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            | Slot No.                   |       |     |        |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |     |        |
|   | <input type="checkbox"/> Galvanized   |                            |       |     |        |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            |                            |       |     |        |
| <b>No Casing or Screen</b>                    |   |                            |       |     |        |
| <input checked="" type="checkbox"/> Open hole |   |                            | 1.8   | 6.1 |        |

| 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<br>____ hrs + ____ min   | 2            |                    | 2        |                    |
| Final water level end of pumping<br>____ metres  | 3            |                    | 3        |                    |
| Recommended pump type.<br><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       |                    |
| If pumping discontinued, give reason.  | 30           |                    | 30       |                    |
|  | 40           |                    | 40       |                    |
|  | 50           |                    | 50       |                    |
|  | 60           |                    | 60       |                    |

| Plugging and Sealing Record  |     |   |                              |
|--|-----|---|------------------------------|
| Depth set at - Metres  |     | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| From   | To  |   |                              |
| 0  | 1.8 | Holeplug  |                              |
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |     |   |                              |



| Method of Construction                         |   |   |  |
|--|---|---|--|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                             |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                               |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |  |
| Water Use                                      |   |   |  |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other <b>remediation</b> |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |  |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |  |
| Final Status of Well                           |   |   |  |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)                  |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |  |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |  |

|   |  |
|---|--|
| Audit No. <b>Z 64902</b>  | Date Well Completed<br>YYYY MM DD<br><b>2007 03 15</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered<br>YYYY MM DD                           |

| Well Contractor/Technician Information   |   |
|--|---|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>        |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmar Rapids, ON K0J 2E0</b> |   |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b>      |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted<br>YYYY MM DD<br><b>2007 103 122</b> |

| Ministry Use Only                         |                                  |
|---|----------------------------------|
| Data Source                               | Contractor<br><b>3651</b>        |
| Date Received<br><b>MAR 29 2007</b> MM DD | Date of Inspection<br>YYYY MM DD |
| Remarks                                   | Well Record Number               |

|          |          |             |
|----------|----------|-------------|
| Well Tag | A 054049 | (see below) |
| A054049  |          |             |

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|                          |
|--------------------------|
| <b>Ministry Use Only</b> |
|--------------------------|

|   |                           |                           |   |            |
|---|---------------------------|---------------------------|---|------------|
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |                           | Township<br><b>Ottawa</b> | Lot   | Concession |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |                           | City/Town/Village         | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading   | NAD Zone Easting Northing | Unit Make/Model           | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify |            |
| <b>83</b>   | <b>18 442797 5027909</b>  | <b>Garmin/eTrex</b>       |   |            |

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth |           |
|----------------|----------------------|-----------------|---------------------|-------|-----------|
|                |                      |                 |                     | From  | Metres To |
| brown          | gravel               | sand            |                     | 0     | 1.5       |
| grey           | limestone            |                 |                     | 1.5   | 6.1       |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |

| Hole Diameter  | Construction Record  |                            |                      |                    | Test of Well Yield |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
|--|--|----------------------------|----------------------|--------------------|--------------------|------|-----|-----|------|---|-------------------------|----------|----------------------------|------------|-----------|------|--|-----|---|-----|---|---------------------|--------------------|--------------------|-------------------|--------------------|-------------------------------|--------------|--|--|--|-----------------------------|---|--|---|--|---|---|--|---|--|---|---|--|---|--|---|---|--|---|--|--------------------------------------|---|--|---|--|-------------------------------------|----|--|----|--|-------------------------------------|----|--|----|--|--|----|--|----|--|--|----|--|----|--|---------------------------------------|----|--|----|--|--|----|--|----|--|--|----|--|----|--|--|----|--|----|--|---|--------------|----------|----------|--|---|--|---|---------------------|--|------------|-----------|---|--|-----|-----|
| <table border="1" style="width: 100%;"> <tr> <th>Depth From</th> <th>Metres To</th> <th>Diameter Centimetres</th> </tr> <tr> <td>0</td> <td>2.3</td> <td>25.4</td> </tr> <tr> <td>2.3</td> <td>6.1</td> <td>15.2</td> </tr> </table> | Depth From   | Metres To                  | Diameter Centimetres | 0                  | 2.3                | 25.4 | 2.3 | 6.1 | 15.2 | <table border="1" style="width: 100%;"> <tr> <th>Inside diam centimetres</th> <th>Material</th> <th>Wall thickness centimetres</th> <th>Depth From</th> <th>Metres To</th> </tr> <tr> <td>15.9</td> <td> <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br/> <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br/> <input type="checkbox"/> Galvanized                 </td> <td>.48</td> <td>0</td> <td>2.3</td> </tr> </table> | Inside diam centimetres | Material | Wall thickness centimetres | Depth From | Metres To | 15.9 | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48 | 0 | 2.3 | <table border="1" style="width: 100%;"> <tr> <th>Pumping test method</th> <th>Draw Down Time min</th> <th>Water Level Metres</th> <th>Recovery Time min</th> <th>Water Level Metres</th> </tr> <tr> <td>Pump intake set at - (metres)</td> <td>Static Level</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pumping rate - (litres/min)</td> <td>1</td> <td></td> <td>1</td> <td></td> </tr> <tr> <td>Duration of pumping _____ hrs + _____ min</td> <td>2</td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>Final water level end of pumping _____ metres</td> <td>3</td> <td></td> <td>3</td> <td></td> </tr> <tr> <td>Recommended pump type. <input type="checkbox"/> Shallow <input type="checkbox"/> Deep</td> <td>4</td> <td></td> <td>4</td> <td></td> </tr> <tr> <td>Recommended pump depth. _____ metres</td> <td>5</td> <td></td> <td>5</td> <td></td> </tr> <tr> <td>Recommended pump rate. (litres/min)</td> <td>10</td> <td></td> <td>10</td> <td></td> </tr> <tr> <td>If flowing give rate - (litres/min)</td> <td>15</td> <td></td> <td>15</td> <td></td> </tr> <tr> <td></td> <td>20</td> <td></td> <td>20</td> <td></td> </tr> <tr> <td></td> <td>25</td> <td></td> <td>25</td> <td></td> </tr> <tr> <td>If pumping discontinued, give reason.</td> <td>30</td> <td></td> <td>30</td> <td></td> </tr> <tr> <td></td> <td>40</td> <td></td> <td>40</td> <td></td> </tr> <tr> <td></td> <td>50</td> <td></td> <td>50</td> <td></td> </tr> <tr> <td></td> <td>60</td> <td></td> <td>60</td> <td></td> </tr> </table> | Pumping test method | Draw Down Time min | Water Level Metres | Recovery 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 |  | If pumping discontinued, give reason. | 30 |  | 30 |  |  | 40 |  | 40 |  |  | 50 |  | 50 |  |  | 60 |  | 60 |  | <table border="1" style="width: 100%;"> <tr> <th>Outside diam</th> <th>Material</th> <th>Slot No.</th> </tr> <tr> <td></td> <td> <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br/> <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br/> <input type="checkbox"/> Galvanized                 </td> <td></td> </tr> </table> | Outside diam | Material | Slot No. |  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized |  | <table border="1" style="width: 100%;"> <tr> <th colspan="2">No Casing or Screen</th> <th>Depth From</th> <th>Metres To</th> </tr> <tr> <td><input checked="" type="checkbox"/> Open hole</td> <td></td> <td>2.3</td> <td>6.1</td> </tr> </table> | No Casing or Screen |  | Depth From | Metres To | <input checked="" type="checkbox"/> Open hole |  | 2.3 | 6.1 |
| Depth From   | Metres To  | Diameter Centimetres       |                      |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| 0  | 2.3  | 25.4                       |                      |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| 2.3  | 6.1  | 15.2                       |                      |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| Inside diam centimetres  | Material   | Wall thickness centimetres | Depth From           | Metres To          |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| 15.9   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0                    | 2.3                |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| Pumping test method  | Draw Down Time min   | Water Level Metres         | Recovery 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                   |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| If pumping discontinued, give reason.  | 30   |                            | 30                   |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
|  | 40   |                            | 40                   |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
|  | 50   |                            | 50                   |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
|  | 60   |                            | 60                   |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| Outside diam   | Material   | Slot No.                   |                      |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
|  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            |                            |                      |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| No Casing or Screen  |  | Depth From                 | Metres To            |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |
| <input checked="" type="checkbox"/> Open hole  |  | 2.3                        | 6.1                  |                    |                    |      |     |     |      |   |                         |          |                            |            |           |      |  |     |   |     |   |                     |                    |                    |                   |                    |                               |              |  |  |  |                             |   |  |   |  |   |   |  |   |  |   |   |  |   |  |   |   |  |   |  |                                      |   |  |   |  |                                     |    |  |    |  |                                     |    |  |    |  |  |    |  |    |  |  |    |  |    |  |                                       |    |  |    |  |  |    |  |    |  |  |    |  |    |  |  |    |  |    |  |   |              |          |          |  |   |  |   |                     |  |            |           |   |  |     |     |

| Plugging and Sealing Record |   |                              | <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |
|-----------------------------|---|------------------------------|--|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |  |
| From To                     |   |                              |  |
| 0 2.3                       | Holeplug  |                              |  |

| Method of Construction                         |   |   |  |
|--|---|---|--|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                             |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                               |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |  |
| Water Use                                      |   |   |  |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other <b>remediation</b> |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |  |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |  |
| Final Status of Well                           |   |   |  |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)                  |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |  |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |  |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted<br><b>2007 03 22</b>            |

| Location of Well  |  |
|---|--|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |  |
|   |  |
| Audit No.<br><b>Z 64903</b>   | Date Well Completed<br><b>2007 03 16</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered<br>YYYY MM DD             |

| Ministry Use Only                   |                                  |
|-------------------------------------|----------------------------------|
| Data Source                         | Contractor<br><b>3651</b>        |
| Date Received<br><b>MAR 29 2007</b> | Date of Inspection<br>YYYY MM DD |
| Remarks                             | Well Record Number               |

|         |                 |                |
|---------|-----------------|----------------|
| Well #  | <b>A 054050</b> | (number below) |
| A054050 |                 |                |

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- Please print clearly in blue or black ink only.

**Ministry Use Only**

|   |           |   |                                   |                |
|---|-----------|---|-----------------------------------|----------------|
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |           | Township<br><b>Ottawa</b>   | Lot                               | Concession     |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |           | City/Town/Village   | Site/Compartment/Block/Tract etc. |                |
| GPS Reading   | NAD       | Zone  | Easting                           | Northing       |
|   | <b>83</b> | <b>18</b>   | <b>442798</b>                     | <b>5027911</b> |
| Unit Make/Model<br><b>Garmin/eTrex</b>  |           | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify |                                   |                |

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth |     |
|----------------|----------------------|-----------------|---------------------|-------|-----|
|                |                      |                 |                     | From  | To  |
| brown          | gravel               | sand            |                     | 0     | 1.5 |
| grey           | limestone            |                 |                     | 1.5   | 6.1 |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |

| Hole Diameter   |           |                      | Construction Record  |  |                            |            | Test of Well Yield  |                               |                    |                    |                   |                    |
|---|-----------|----------------------|--|--|----------------------------|------------|---|-------------------------------|--------------------|--------------------|-------------------|--------------------|
| Depth From  | Metres To | Diameter Centimetres | Inside diam centimetres  | Material   | Wall thickness centimetres | Depth From | Metres To   | Pumping test method           | Draw Down Time min | Water Level Metres | Recovery Time min | Water Level Metres |
| 0   | 2.3       | 25.4                 | 15.9   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0          | 2.3   | Pump intake set at - (metres) | Static Level       |                    |                   |                    |
| 2.3   | 6.1       | 15.2                 | <b>Casing</b><br><input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized<br><input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized<br><input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized |  |                            |            |   |                               |                    |                    |                   |                    |
| <b>Water Record</b><br>Water found at ___ Metres / Kind of Water<br>seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____<br>___ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____<br>After test of well yield, water was<br><input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify _____<br>Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |           |                      | <b>Screen</b><br>Outside diam <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized<br>Slot No. _____  |  |                            |            | <b>No Casing or Screen</b><br><input checked="" type="checkbox"/> Open hole<br>2.3      6.1   |                               |                    |                    |                   |                    |
| <b>Plugging and Sealing Record</b> <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment<br>Depth set at - Metres<br>From To Material and type (bentonite slurry, neat cement slurry) etc. Volume Placed (cubic metres)<br>0 2.3 Holeplug  |           |                      | <b>Method of Construction</b><br><input type="checkbox"/> Cable Tool <input checked="" type="checkbox"/> Rotary (air) <input type="checkbox"/> Diamond <input type="checkbox"/> Digging<br><input type="checkbox"/> Rotary (conventional) <input type="checkbox"/> Air percussion <input type="checkbox"/> Jetting <input type="checkbox"/> Other<br><input type="checkbox"/> Rotary (reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Driving  |  |                            |            | <b>Location of Well</b><br>In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.<br>  |                               |                    |                    |                   |                    |
| <b>Water Use</b><br><input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Other<br><input type="checkbox"/> Stock <input type="checkbox"/> Commercial <input type="checkbox"/> Not used <input checked="" type="checkbox"/> remediation<br><input type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Cooling & air conditioning  |           |                      | <b>Final Status of Well</b><br><input type="checkbox"/> Water Supply <input type="checkbox"/> Recharge well <input type="checkbox"/> Unfinished <input type="checkbox"/> Abandoned, (Other)<br><input type="checkbox"/> Observation well <input type="checkbox"/> Abandoned, insufficient supply <input checked="" type="checkbox"/> Dewatering<br><input type="checkbox"/> Test Hole <input type="checkbox"/> Abandoned, poor quality <input type="checkbox"/> Replacement well   |  |                            |            | Audit No. <b>Z 64904</b> Date Well Completed <b>2007 03 15</b><br>Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                               |                    |                    |                   |                    |
| <b>Well Contractor/Technician Information</b><br>Name of Well Contractor <b>Bernard Marquardt &amp; Son Ltd.</b> Well Contractor's Licence No. <b>3651</b><br>Business Address (street name, number, city, etc.) <b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b><br>Name of Well Technician (last name, first name) <b>Marquardt, Brad</b> Well Technician's Licence No. <b>T-2781</b><br>Signature of Technician/Contractor <i>Brad Marquardt</i> Date Submitted <b>2007 03 12</b>   |           |                      | <b>Ministry Use Only</b><br>Data Source Contractor <b>3651</b><br>Date Received <b>MAR 29 2007</b> Date of Inspection<br>Remarks Well Record Number  |  |                            |            |   |                               |                    |                    |                   |                    |

|          |          |             |
|----------|----------|-------------|
| Well Tag | A 054051 | (see below) |
| A054051  |          |             |

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- Please print clearly in blue or black ink only.

| Ministry Use Only |  |  |  |  |  |  |  |  |  |
|-------------------|--|--|--|--|--|--|--|--|--|
| MUN               |  |  |  |  |  |  |  |  |  |
| CON               |  |  |  |  |  |  |  |  |  |
| LOT               |  |  |  |  |  |  |  |  |  |

|   |     |      |         |                   |                 |   |  |            |  |
|---|-----|------|---------|-------------------|-----------------|---|--|------------|--|
| Address of Well Location (County/District/Municipality) |     |      |         | Township          |                 | Lot   |  | Concession |  |
| Ottawa Carleton   |     |      |         | Ottawa            |                 |   |  |            |  |
| RR#/Street Number/Name                                  |     |      |         | City/Town/Village |                 | Site/Compartment/Block/Tract etc.   |  |            |  |
| 3 Hamilton Ave. North                                   |     |      |         | Ottawa            |                 |   |  |            |  |
| GPS Reading   | NAD | Zone | Easting | Northing          | Unit Make/Model | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged |  |            |  |
|   | 83  | 18   | 442799  | 5027916           | Garmin/eTrex    | <input type="checkbox"/> Differentiated, specify _____  |  |            |  |

## Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth |     |
|----------------|----------------------|-----------------|---------------------|-------|-----|
|                |                      |                 |                     | From  | To  |
| brown          | gravel               | sand            |                     | 0     | 1.5 |
| grey           | limestone            |                 |                     | 1.5   | 6.1 |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |
|                |                      |                 |                     |       |     |

| Hole Diameter |           |                      |
|---------------|-----------|----------------------|
| Depth From    | Metres To | Diameter Centimetres |
| 0             | 2.3       | 25.4                 |
| 2.3           | 6.1       | 15.2                 |

| Construction Record                           |  |                            |       |     |
|---|--|----------------------------|-------|-----|
| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth |     |
|   |  |                            | From  | To  |
| <b>Casing</b>                                 |  |                            |       |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0     | 2.3 |
| <b>Screen</b>                                 |  |                            |       |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |       |     |
| <b>No Casing or Screen</b>                    |  |                            |       |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 2.3   | 6.1 |

| 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       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

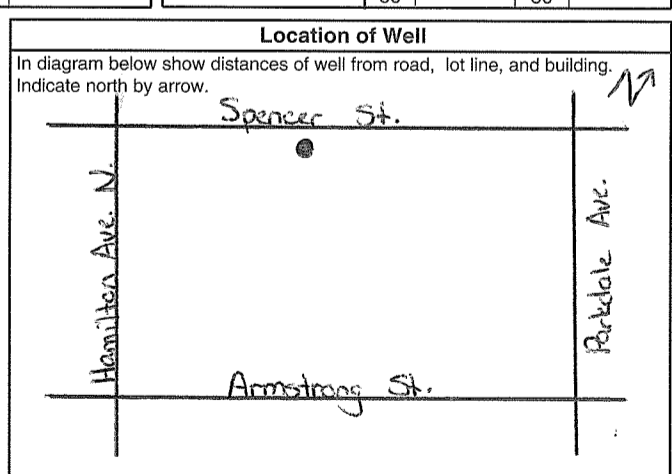
| Plugging and Sealing Record |   |                              |
|-----------------------------|---|------------------------------|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| From To                     |   |                              |
| 0 2.3                       | Holeplug  |                              |

| Method of Construction                         |  |                                  |                                  |
|--|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Digging |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion          | <input type="checkbox"/> Jetting | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                  | <input type="checkbox"/> Driving |                                  |

| Water Use                              |   |
|--|---|
| <input type="checkbox"/> Domestic      | <input type="checkbox"/> Industrial                   |
| <input type="checkbox"/> Stock         | <input type="checkbox"/> Commercial                   |
| <input type="checkbox"/> Irrigation    | <input type="checkbox"/> Municipal                    |
| <input type="checkbox"/> Public Supply | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Not used      | <input type="checkbox"/> Cooling & air conditioning   |

| Final Status of Well                           |   |
|--|---|
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        |
| <input type="checkbox"/> Unfinished            | <input type="checkbox"/> Abandoned, (Other)             |
| <input checked="" type="checkbox"/> Dewatering | <input type="checkbox"/> Replacement well               |

| Well Contractor/Technician Information            |                               |
|---|-------------------------------|
| Name of Well Contractor                           | Well Contractor's Licence No. |
| Bernard Marquardt & Son Ltd.                      | 3651                          |
| Business Address (street name, number, city etc.) |                               |
| 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0  |                               |
| Name of Well Technician (last name, first name)   | Well Technician's Licence No. |
| Marquardt, Brad                                   | T-2781                        |
| Signature of Technician/Contractor                | Date Submitted                |
| <i>Brad Marquardt</i>                             | 2007 03 22                    |



|   |   |                     |            |
|---|---|---------------------|------------|
| Audit No.   | z 64905   | Date Well Completed | YYYY MM DD |
|   |   |                     | 2007 03 15 |
| Was the well owner's information package delivered? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered      | YYYY MM DD |
|   |   |                     |            |

| Ministry Use Only  |                    |
|--------------------|--------------------|
| Data Source        | Contractor         |
|                    | 3651               |
| Date Received      | YYYY MM DD         |
| MAR 29 2007        |                    |
| Date of Inspection | YYYY MM DD         |
|                    |                    |
| Remarks            | Well Record Number |
|                    |                    |

Well Tag | **A 054052** | (r below)

A054052

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- Please print clearly in blue or black ink only.

Ministry Use Only

Address of Well Location (County/District/Municipality) **Ottawa Carleton** Township **Ottawa** Lot Concession

RR#/Street Number/Name **3 Hamilton Ave. North** City/Town/Village Site/Compartment/Block/Tract etc.

GPS Reading NAD **8.3** Zone **18** Easting **442802** Northing **5027923** Unit Make/Model **Garmin/eTrex** 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 Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.2 |
| grey           | limestone            |                 |                     | 1.2          | 6.1 |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 2.1       | 25.4                 |
| 2.1        | 6.1       | 15.2                 |

**Water Record**

Water found at      Metres / Kind of Water

seepage  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

**Construction Record**

| Inside diam centimetres    | Material   | Wall thickness centimetres | Depth Metres |     |
|----------------------------|--|----------------------------|--------------|-----|
|                            |  |                            | From         | To  |
| 15.9                       | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized | .48                        | 0            | 2.1 |
| <b>Screen</b>              |  |                            |              |     |
| Outside diam               | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized            | Slot No.                   |              |     |
| <b>No Casing or Screen</b> |  |                            |              |     |
|                            | <input checked="" type="checkbox"/> Open hole  |                            | 2.1          | 6.1 |

**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       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**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 | Holeplug  |                              |

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  Rotary (conventional)  Air percussion  Jetting  Other  Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other, remediation  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

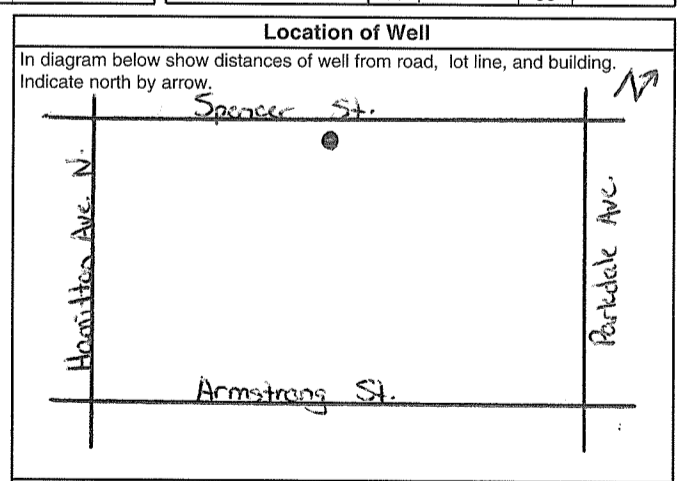
**Well Contractor/Technician Information**

Name of Well Contractor **Bernard Marguardt & Son Ltd.** Well Contractor's Licence No. **3651**

Business Address (street name, number, city etc.) **18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0**

Name of Well Technician (last name, first name) **Marguardt, Brad** Well Technician's Licence No. **T-2781**

Signature of Technician/Contractor *Brad Marguardt* Date Submitted **2007 03 15**



Audit No. **Z 64906** Date Well Completed **2007 03 15**

Was the well owner's information package delivered?  Yes  No Date Delivered \_\_\_\_\_

**Ministry Use Only**

Data Source Contractor **3651**

Date Received **MAR 29 2007** MM DD Date of Inspection \_\_\_\_\_ YYYY MM DD

Remarks \_\_\_\_\_ Well Record Number \_\_\_\_\_

|          |          |             |
|----------|----------|-------------|
| Well Tag | A 054053 | (see below) |
| A054053  |          |             |

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- Please print clearly in blue or black ink only.

|                          |  |  |  |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|--|--|--|
| <b>Ministry Use Only</b> |  |  |  |  |  |  |  |  |  |
| MUN                      |  |  |  |  |  |  |  |  |  |
| CON                      |  |  |  |  |  |  |  |  |  |
| LOT                      |  |  |  |  |  |  |  |  |  |

|  |     |      |         |                    |                 |   |            |
|--|-----|------|---------|--------------------|-----------------|---|------------|
| Address of well Location (County/District/Municipality)<br>Ottawa Carleton |     |      |         | Township<br>Ottawa |                 | Lot   | Concession |
| RR#/Street Number/Name<br>3 Hamilton Ave. North                            |     |      |         | City/Town/Village  |                 | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading  | NAD | Zone | Easting | Northing           | Unit Make/Model | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify _____ |            |
|  | 83  | 18   | 442827  | 5027910            | Garmin/eTrex    |   |            |

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth |           |
|----------------|----------------------|-----------------|---------------------|-------|-----------|
|                |                      |                 |                     | From  | Metres To |
| brown          | gravel               | sand            |                     | 0     | 1.5       |
| grey           | limestone            |                 |                     | 1.5   | 6.1       |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |

| Hole Diameter |           |                      |
|---------------|-----------|----------------------|
| Depth From    | Metres To | Diameter Centimetres |
| 0             | 2.4       | 25.4                 |
| 2.4           | 6.1       | 15.2                 |

| Construction Record                           |   |                            |       |           |  |
|---|---|----------------------------|-------|-----------|--|
| Inside diam centimetres                       | Material  | Wall thickness centimetres | Depth |           |  |
|   |   |                            | From  | Metres To |  |
| <b>Casing</b>                                 |   |                            |       |           |  |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass | .48                        | 0     | 2.4       |  |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |           |  |
|   | <input type="checkbox"/> Galvanized   |                            |       |           |  |
| <b>Screen</b>                                 |   |                            |       |           |  |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            | Slot No.                   |       |           |  |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |           |  |
|   | <input type="checkbox"/> Galvanized   |                            |       |           |  |
| <b>No Casing or Screen</b>                    |   |                            |       |           |  |
| <input checked="" type="checkbox"/> Open hole |   |                            | 2.4   | 6.1       |  |

| 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       |                    |
|  | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)  | 20           |                    | 20       |                    |
|  | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.  | 30           |                    | 30       |                    |
|  | 40           |                    | 40       |                    |
|  | 50           |                    | 50       |                    |
|  | 60           |                    | 60       |                    |

| Water Record  |   |
|---|---|
| Water found at _____ Metres   | Kind of Water   |
| <input checked="" type="checkbox"/> seepage   | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals | <input type="checkbox"/> Other: _____                           |
| _____ m   | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals | <input type="checkbox"/> Other: _____                           |
| _____ m   | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals | <input type="checkbox"/> Other: _____                           |
| After test of well yield, water was   |   |
| <input type="checkbox"/> Clear and sediment free  |   |
| <input type="checkbox"/> Other, specify _____   |   |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No               |   |

| Plugging and Sealing Record |   |                              | <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |
|-----------------------------|---|------------------------------|--|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |  |
| From To                     |   |                              |  |
| 0 2.4                       | Holeplug  |                              |  |
|                             |   |                              |  |
|                             |   |                              |  |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>Z 64907</b>  | Date Well Completed <b>2007 03 15</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____                  |

| Method of Construction                         |  |                                  |                                  |
|--|--|----------------------------------|----------------------------------|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air) | <input type="checkbox"/> Diamond | <input type="checkbox"/> Digging |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion          | <input type="checkbox"/> Jetting | <input type="checkbox"/> Other   |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                  | <input type="checkbox"/> Driving |                                  |

| Water Use                           |                                     |   |  |
|-------------------------------------|-------------------------------------|---|--|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Industrial | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other <b>remediation</b> |
| <input type="checkbox"/> Stock      | <input type="checkbox"/> Commercial | <input type="checkbox"/> Not used                   |  |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Municipal  | <input type="checkbox"/> Cooling & air conditioning |  |

| Final Status of Well                      |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Water Supply     | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished            | <input type="checkbox"/> Abandoned, (Other) |
| <input type="checkbox"/> Observation well | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering |   |
| <input type="checkbox"/> Test Hole        | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well      |   |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted <b>2007 03 22</b>               |

| Ministry Use Only                |                          |
|----------------------------------|--------------------------|
| Data Source                      | Contractor <b>3651</b>   |
| Date Received <b>MAR 29 2007</b> | Date of Inspection _____ |
| Remarks                          | Well Record Number       |

Well Ta **A 054054** (number below)  
**A054054**

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- **All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.**
- Please print clearly in blue or black ink only.

**Ministry Use Only**

|     |  |     |  |     |  |
|-----|--|-----|--|-----|--|
| MUN |  | CON |  | LOT |  |
|-----|--|-----|--|-----|--|

**Well Owner's Information and Location of Well Information**

First Name: Honeywell Limited Last Name: \_\_\_\_\_ Mailing Address (Street Number/Name, RR, Lot, Concession): 155 Gordon Baker Road

County/District/Municipality: \_\_\_\_\_ Township/City/Town/Village: Toronto Province: Ontario Postal Code: M2H 3N7 Telephone Number (include area code): \_\_\_\_\_

Address of Well Location (County/District/Municipality): Ottawa Carleton Township: Ottawa Lot: \_\_\_\_\_ Concession: \_\_\_\_\_

RR#/Street Number/Name: 3 Hamilton Ave. North City/Town/Village: \_\_\_\_\_ Site/Compartment/Block/Tract etc.: \_\_\_\_\_

GPS Reading: NAD Zone Easting Northing Unit Make/Model Mode of Operation:  
8 3 1 8 4 4 2 8 2 6 5 0 2 7 9 1 5 Garmin/eTrex  Undifferentiated  Averaged  
 Differentiated, specify \_\_\_\_\_

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.1 |
| grey           | limestone            |                 |                     | 1.1          | 6.1 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 2.2       | 25.4                 |
| 2.2        | 6.1       | 15.2                 |

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water: seepage

Gas  Salty  Sulphur  Minerals

Other: \_\_\_\_\_

After test of well yield, water was  Clear and sediment free  Other, specify \_\_\_\_\_

Chlorinated  Yes  No

**Construction Record**

| Inside diam centimetres | Material   | Wall thickness centimetres | Depth Metres |     |
|-------------------------|--|----------------------------|--------------|-----|
|                         |  |                            | From         | To  |
| 15.9                    | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 2.2 |

**Casing**

Steel  Fibreglass  
 Plastic  Concrete  
 Galvanized

**Screen**

Outside diam: \_\_\_\_\_ Slot No.: \_\_\_\_\_

Steel  Fibreglass  
 Plastic  Concrete  
 Galvanized

**No Casing or Screen**

Open hole

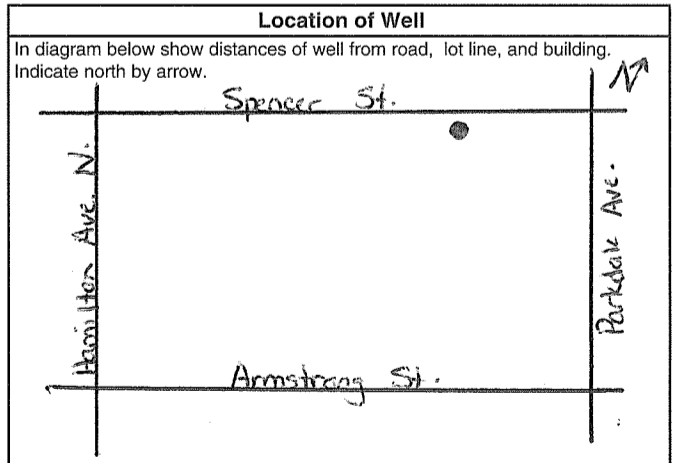
2.2 6.1

**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       |                    |
|   | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)   | 20           |                    | 20       |                    |
|   | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**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                          | 2.2 | Holeplug  |                              |



**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  
 Rotary (conventional)  Air percussion  Jetting  Other  
 Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other Remediation  
 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. **Z 64908** Date Well Completed 2007 03 16

Was the well owner's information package delivered?  Yes  No

**Well Contractor/Technician Information**

Name of Well Contractor: Bernard Marguardt & Son Ltd. Well Contractor's Licence No.: 3651

Business Address (street name, number, city etc.): 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0

Name of Well Technician (last name, first name): Marguardt, Brad Well Technician's Licence No.: T-2781

Signature of Technician/Contractor: [Signature] Date Submitted 2007 03 22

**Ministry Use Only**

Data Source: \_\_\_\_\_ Contractor: 3651

Date Received MAR 29 2007 Date of Inspection \_\_\_\_\_

Remarks: \_\_\_\_\_ Well Record Number: \_\_\_\_\_



Well Tag **A 054055** (see below)

**A054055**

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- Please print clearly in blue or black ink only.

**Ministry Use Only**

MUN \_\_\_\_\_ CON \_\_\_\_\_ LOT \_\_\_\_\_

Address of Well Location (County/District/Municipality) Ottawa Carleton Township Ottawa Lot \_\_\_\_\_ Concession \_\_\_\_\_

RR#/Street Number/Name 3 Hamilton Ave. North City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_

GPS Reading NAD 83 Zone 18 Easting 442844 Northing 5027941 Unit Make/Model Garmin/eTrex 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 / Metres |     |
|----------------|----------------------|-----------------|---------------------|----------------|-----|
|                |                      |                 |                     | From           | To  |
| brown          | gravel               | sand            |                     | 0              | 1.2 |
| grey           | limestone            |                 |                     | 1.2            | 6.1 |
|                |                      |                 |                     |                |     |
|                |                      |                 |                     |                |     |
|                |                      |                 |                     |                |     |
|                |                      |                 |                     |                |     |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
|            |           |                      |
| 2.2        | 6.1       | 15.2                 |

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water

seepage  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

**Construction Record**

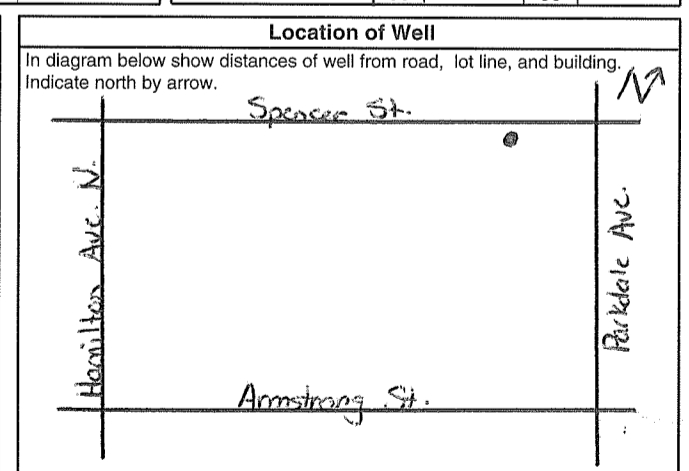
| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth / Metres |     |
|---|--|----------------------------|----------------|-----|
|   |  |                            | From           | To  |
| <b>Casing</b>                                 |  |                            |                |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0              | 2.2 |
| <b>Screen</b>                                 |  |                            |                |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No. _____             |                |     |
| <b>No Casing or Screen</b>                    |  |                            |                |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 2.2            | 6.1 |

**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       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**Plugging and Sealing Record**  Annular space  Abandonment

| Depth set at - Metres From | Metres To | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
|----------------------------|-----------|---|------------------------------|
|                            |           |   |                              |



**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  
 Rotary (conventional)  Air percussion  Jetting  Other  
 Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other remediation  
 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. **Z 64909** Date Well Completed **2007 03 16**

Was the well owner's information package delivered?  Yes  No Date Delivered \_\_\_\_\_

**Well Contractor/Technician Information**

Name of Well Contractor Bernard Marquardt & Son Ltd. Well Contractor's Licence No. 3651

Business Address (street name, number, city etc.) 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0

Name of Well Technician (last name, first name) Marquardt, Brad Well Technician's Licence No. T-2781

Signature of Technician/Contractor Brad Marquardt Date Submitted **2007 03 22**

**Ministry Use Only**

Data Source \_\_\_\_\_ Contractor \_\_\_\_\_

Date Received **MAR 29 2007** Date of Inspection \_\_\_\_\_

Remarks \_\_\_\_\_ Well Record Number \_\_\_\_\_

|          |          |            |
|----------|----------|------------|
| Well Tag | A 054056 | (or below) |
| A054056  |          |            |

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- Please print clearly in blue or black ink only.

|                          |
|--------------------------|
| <b>Ministry Use Only</b> |
|--------------------------|

|  |                                   |                    |   |            |
|--|-----------------------------------|--------------------|---|------------|
| Address of Well Location (County/District/Municipality)<br>Ottawa Carleton |                                   | Township<br>Ottawa | Lot   | Concession |
| RR#/Street Number/Name<br>3 Hamilton Ave. North                            |                                   | City/Town/Village  | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading  | NAD Zone Easting Northing         | Unit Make/Model    | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify |            |
|  | 8 3 1 8 4 4 2 7 9 0 5 0 2 7 8 8 9 | Garmin/eTrex       |   |            |

**Log of Overburden and Bedrock Materials (see instructions)**

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.5 |
| grey           | limestone            |                 |                     | 1.5          | 6.1 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

| Hole Diameter |           |                      |
|---------------|-----------|----------------------|
| Depth From    | Metres To | Diameter Centimetres |
| 0             | 2.3       | 25.4                 |
| 2.3           | 6.1       | 15.2                 |

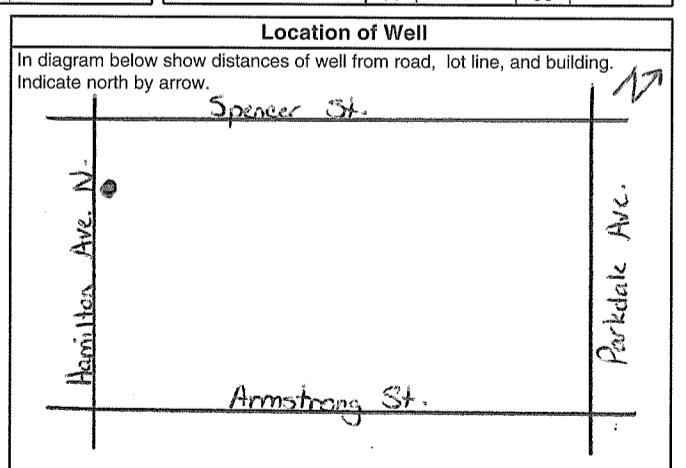
| Water Record   |   |
|--|---|
| Water found at _____ Metres  | Kind of Water   |
| seepage  | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |
| _____ m  | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |
| _____ m  | <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |
| After test of well yield, water was<br><input type="checkbox"/> Clear and sediment free<br><input type="checkbox"/> Other, specify _____ |   |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   |

| Construction Record     |  |                            |            |           |
|-------------------------|--|----------------------------|------------|-----------|
| Inside diam centimetres | Material   | Wall thickness centimetres | Depth From | Metres To |
| 15.9                    | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0          | 2.3       |
| Casing                  |  |                            |            |           |
|                         | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            |                            |            |           |
|                         | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            |                            |            |           |
| Screen                  |  |                            |            |           |
| Outside diam            | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |            |           |
| No Casing or Screen     |  |                            |            |           |
|                         | <input checked="" type="checkbox"/> Open hole  |                            | 2.3        | 6.1       |

| 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       |                    |
|   | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)   | 20           |                    | 20       |                    |
|   | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

| Plugging and Sealing Record |   |                              |  |
|-----------------------------|---|------------------------------|--|
| Depth set at - Metres       | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) | <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |
| From To                     |   |                              |  |
| 0 2.3                       | Holeplug  |                              |  |

| Method of Construction                         |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                        |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |   |
| Water Use                                      |   |   |   |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |   |
| Final Status of Well                           |   |   |   |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)           |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |   |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |   |



|   |                                       |
|---|---------------------------------------|
| Audit No. <b>Z 64910</b>  | Date Well Completed <b>2007 03 15</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered <b>2007 03 15</b>      |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Drive, RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                      | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted <b>2007 03 22</b>               |

| Ministry Use Only                |                                      |
|----------------------------------|--------------------------------------|
| Data Source                      | Contractor <b>3651</b>               |
| Date Received <b>MAR 29 2007</b> | Date of Inspection <b>2007 03 15</b> |
| Remarks                          | Well Record Number                   |

Instructions for Completing Form

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- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

**Ministry Use Only**

Address of Well Location (County/District/Municipality) Ottawa Carleton Township Ottawa Lot \_\_\_\_\_ Concession \_\_\_\_\_  
 RR#/Street Number/Name 3 Hamilton Ave. North City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_  
 GPS Reading NAD 83 Zone 18 Easting 442850 Northing 5027923 Unit Make/Model Garmin/eTrex 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 Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 0.9 |
| grey           | limestone            |                 |                     | 0.9          | 7.6 |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 1.8       | 25.4                 |
| 1.8        | 7.6       | 15.2                 |

**Construction Record**

| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth Metres |     |
|---|--|----------------------------|--------------|-----|
|   |  |                            | From         | To  |
| <b>Casing</b>                                 |  |                            |              |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 1.8 |
| <b>Screen</b>                                 |  |                            |              |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |     |
| <b>No Casing or Screen</b>                    |  |                            |              |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 1.8          | 7.6 |

**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       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water

seepage  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                          | 1.8 | Holeplug  |                              |

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  
 Rotary (conventional)  Air percussion  Jetting  Other  
 Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other remediation  
 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

**Location of Well**

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.

Audit No. **Z 64912** Date Well Completed **2007 03 14**

Was the well owner's information package delivered?  Yes  No

**Well Contractor/Technician Information**

Name of Well Contractor Bernard Marquardt & Sons Ltd. Well Contractor's Licence No. 3651  
 Business Address (street name, number, city etc.) 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0  
 Name of Well Technician (last name, first name) Marquardt, Brad Well Technician's Licence No. T-2781  
 Signature of Technician/Contractor Brad Marquardt Date Submitted **2007 03 22**

**Ministry Use Only**

Data Source \_\_\_\_\_ Contractor **3651**  
 Date Received **29 2007** Date of Inspection \_\_\_\_\_  
 Well Record Number \_\_\_\_\_

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- **All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.**
- Please print clearly in blue or black ink only.

**Ministry Use Only**

Address of well Location (County/District/Municipality) Ottawa Carleton Township Ottawa Lot \_\_\_\_\_ Concession \_\_\_\_\_

RR#/Street Number/Name 3 Hamilton Ave. North City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_

GPS Reading NAD 83 Zone 18 Easting 442878 Northing 5027913 Unit Make/Model Garmin/eTrex 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          | gravel               | sand            |                     | 0     | 1.5       |
| grey           | limestone            |                 |                     | 1.5   | 7.6       |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |
|                |                      |                 |                     |       |           |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 2.6       | 25.4                 |
| 2.6        | 7.6       | 15.2                 |

**Water Record**

Water found at \_\_\_\_\_ Metres / Kind of Water

seepage  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

**Construction Record**

| Inside diam centimetres    | Material   | Wall thickness centimetres | Depth |           |
|----------------------------|--|----------------------------|-------|-----------|
|                            |  |                            | From  | Metres To |
| 15.9                       | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized | .48                        | 0     | 2.6       |
| <b>Casing</b>              |  |                            |       |           |
|                            | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized            |                            |       |           |
| <b>Screen</b>              |  |                            |       |           |
| Outside diam               | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized            | Slot No.                   |       |           |
| <b>No Casing or Screen</b> |  |                            |       |           |
|                            | <input checked="" type="checkbox"/> Open hole  |                            | 2.6   | 7.6       |

**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       |                    |
|   | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)   | 20           |                    | 20       |                    |
|   | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**Plugging and Sealing Record**  Annular space  Abandonment

| Depth set at - Metres | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
|-----------------------|---|------------------------------|
| 0 to 2.6              | Holeplug  |                              |

**Location of Well**

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.

Audit No. **Z 64913** Date Well Completed **2007 03 14**

Was the well owner's information package delivered?  Yes  No

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  Rotary (conventional)  Air percussion  Jetting  Other  Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other  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

**Well Contractor/Technician Information**

Name of Well Contractor Bernard Marquardt & Son Ltd. Well Contractor's Licence No. 3651

Business Address (street name, number, city etc.) 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0

Name of Well Technician (last name, first name) Marquardt, Brad Well Technician's Licence No. T-2781

Signature of Technician/Contractor [Signature] Date Submitted **2007 03 22**

**Ministry Use Only**

Data Source \_\_\_\_\_ Contractor **3651**

Date Received **MAR 29 2007** Date of Inspection **2007 03 14**

Remarks \_\_\_\_\_ Well Record Number \_\_\_\_\_

Well Tag # **A 054060** (below)  
 A054060

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- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

**Ministry Use Only**

Address of Well Location (County/District/Municipality) Ottawa Carleton Township Ottawa Lot \_\_\_\_\_ Concession \_\_\_\_\_  
 RR#/Street Number/Name 3 Hamilton Ave. North City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_  
 GPS Reading NAD 83 Zone 18 Easting 442848 Northing 5027909 Unit Make/Model Garmin/eTrex 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 Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 1.7 |
| grey           | limestone            |                 |                     | 1.7          | 7.6 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

**Hole Diameter**

| Depth From | Metres To | Diameter Centimetres |
|------------|-----------|----------------------|
| 0          | 2.6       | 25.4                 |
| 2.6        | 7.6       | 15.2                 |

**Construction Record**

| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth Metres |     |
|---|--|----------------------------|--------------|-----|
|   |  |                            | From         | To  |
| <b>Casing</b>                                 |  |                            |              |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | .48                        | 0            | 2.6 |
| <b>Screen</b>                                 |  |                            |              |     |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |     |
| <b>No Casing or Screen</b>                    |  |                            |              |     |
| <input checked="" type="checkbox"/> Open hole |  |                            | 2.6          | 7.6 |

**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       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

**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                          | 2.6 | Holeplug  |                              |

**Location of Well**

In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.

Audit No. **Z 64914** Date Well Completed **2007 03 14**  
 Was the well owner's information package delivered?  Yes  No

**Method of Construction**

Cable Tool  Rotary (air)  Diamond  Digging  
 Rotary (conventional)  Air percussion  Jetting  Other  
 Rotary (reverse)  Boring  Driving

**Water Use**

Domestic  Industrial  Public Supply  Other remediation  
 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

**Well Contractor/Technician Information**

Name of Well Contractor Bernard Marquardt & Son Ltd. Well Contractor's Licence No. 3651  
 Business Address (street name, number, city etc.) 18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0  
 Name of Well Technician (last name, first name) Marquardt, Brad Well Technician's Licence No. T-2781  
 Signature of Technician/Contractor [Signature] Date Submitted 2007 03 22

**Ministry Use Only**

Data Source \_\_\_\_\_ Contractor 3651  
 Date Received MAR 29 2007 Date of Inspection \_\_\_\_\_  
 Remarks \_\_\_\_\_ Well Record Number \_\_\_\_\_



|          |          |             |
|----------|----------|-------------|
| Well Tag | A 054063 | (see below) |
| A054063  |          |             |

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- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

|  |     |      |         |                    |                 |   |            |
|--|-----|------|---------|--------------------|-----------------|---|------------|
| Address of Well Location (County/District/Municipality)<br>Ottawa Carleton |     |      |         | Township<br>Ottawa |                 | Lot   | Concession |
| RR#/Street Number/Name<br>3 Hamilton Ave. North                            |     |      |         | City/Town/Village  |                 | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading  | NAD | Zone | Easting | Northing           | Unit Make/Model | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify _____ |            |
|  | 83  | 18   | 442863  | 5027873            | Garmin/eTrex    |   |            |

Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 0.6 |
| grey           | limestone            |                 |                     | 0.6          | 7.6 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

| Hole Diameter   |        |             |
|---|--------|-------------|
| Depth   | Metres | Diameter    |
| From  | To     | Centimetres |
| 0   | 2.4    | 25.4        |
| 2.4   | 7.6    | 15.2        |
| Water Record  |        |             |
| Water found at _____ Metres / Kind of Water   |        |             |
| seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur                       |        |             |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals |        |             |
| Other: _____  |        |             |
| _____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur                       |        |             |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals |        |             |
| Other: _____  |        |             |
| _____ m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur                       |        |             |
| <input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals |        |             |
| Other: _____  |        |             |
| After test of well yield, water was   |        |             |
| <input type="checkbox"/> Clear and sediment free  |        |             |
| <input type="checkbox"/> Other, specify _____   |        |             |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No               |        |             |

| Construction Record                           |   |                            |              |     |
|---|---|----------------------------|--------------|-----|
| Inside diam centimetres                       | Material  | Wall thickness centimetres | Depth Metres |     |
|   |   |                            | From         | To  |
| Casing  |   |                            |              |     |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass | .48                        | 0            | 2.4 |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |              |     |
|   | <input type="checkbox"/> Galvanized   |                            |              |     |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            |                            |              |     |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |              |     |
|   | <input type="checkbox"/> Galvanized   |                            |              |     |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            |                            |              |     |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |              |     |
|   | <input type="checkbox"/> Galvanized   |                            |              |     |
| Screen  |   |                            |              |     |
| Outside diam                                  | Material  | Slot No.                   | Depth Metres |     |
|   |   |                            | From         | To  |
|   | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            |                            |              |     |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |              |     |
|   | <input type="checkbox"/> Galvanized   |                            |              |     |
| No Casing or Screen                           |   |                            |              |     |
| <input checked="" type="checkbox"/> Open hole |   |                            | 2.4          | 7.6 |

| 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       |                    |
|  | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)  | 20           |                    | 20       |                    |
|  | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.  | 30           |                    | 30       |                    |
|  | 40           |                    | 40       |                    |
|  | 50           |                    | 50       |                    |
|  | 60           |                    | 60       |                    |

| Plugging and Sealing Record  |   |                              |
|--|---|------------------------------|
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |   |                              |
| Depth set at - Metres  | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| From   | To  |                              |
| 0  | 2.4   | Holeplug                     |

| Location of Well  |                                |
|---|--------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                |
|   |                                |
| Audit No. Z 64917   | Date Well Completed 2007 03 15 |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____           |

| Method of Construction                         |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                        |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |   |
| Water Use                                      |   |   |   |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other remediation |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |   |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |   |
| Final Status of Well                           |   |   |   |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)           |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |   |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |   |

| Well Contractor/Technician Information  |   |
|---|---|
| Name of Well Contractor<br>Bernard Marguardt & Son Ltd.   | Well Contractor's Licence No.<br>3651   |
| Business Address (street name, number, city etc.)<br>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0 |   |
| Name of Well Technician (last name, first name)<br>Marguardt, Brad                                    | Well Technician's Licence No.<br>T-2781 |
| Signature of Technician/Contractor<br><i>Brad Marguardt</i>   | Date Submitted<br>2007 03 15            |

| Ministry Use Only            |                    |
|------------------------------|--------------------|
| Data Source                  | Contractor<br>3651 |
| Date Received<br>MAR 29 2007 | Date of Inspection |
| Remarks                      | Well Record Number |



|          |          |           |
|----------|----------|-----------|
| Well Tag | A 054061 | or below) |
| A054061  |          |           |

Instructions for Completing Form

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- 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 Help Desk (Toll Free) at 1-888-396-9355.
- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

| Ministry Use Only |  |  |  |  |  |  |  |     |  |     |  |  |  |  |  |  |  |  |  |
|-------------------|--|--|--|--|--|--|--|-----|--|-----|--|--|--|--|--|--|--|--|--|
| MUN               |  |  |  |  |  |  |  | CON |  | LOT |  |  |  |  |  |  |  |  |  |

Address of Well Location (County/District/Municipality) Ottawa Carleton Township Ottawa Lot \_\_\_\_\_ Concession \_\_\_\_\_

RR#/Street Number/Name 3 Hamilton Ave. North City/Town/Village \_\_\_\_\_ Site/Compartment/Block/Tract etc. \_\_\_\_\_

GPS Reading NAD 83 Zone 18 Easting 4428158 Northing 5027895 Unit Make/Model Garmin/eTrex 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 Metres |            |
|----------------|----------------------|-----------------|---------------------|--------------|------------|
|                |                      |                 |                     | From         | To         |
| <u>brown</u>   | <u>gravel</u>        | <u>sand</u>     |                     | <u>0</u>     | <u>2.6</u> |
| <u>grey</u>    | <u>limestone</u>     |                 |                     | <u>2.6</u>   | <u>7.6</u> |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |
|                |                      |                 |                     |              |            |

| Hole Diameter |            |             |
|---------------|------------|-------------|
| Depth         | Metres     | Diameter    |
| From          | To         | Centimetres |
| <u>0</u>      | <u>2.9</u> | <u>25.4</u> |
| <u>2.9</u>    | <u>7.6</u> | <u>15.2</u> |

| Construction Record                           |  |                            |              |            |
|---|--|----------------------------|--------------|------------|
| Inside diam centimetres                       | Material   | Wall thickness centimetres | Depth Metres |            |
|   |  |                            | From         | To         |
| <b>Casing</b>                                 |  |                            |              |            |
| <u>15.9</u>                                   | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized | <u>.48</u>                 | <u>0</u>     | <u>2.9</u> |
| <b>Screen</b>                                 |  |                            |              |            |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass<br><input type="checkbox"/> Plastic <input type="checkbox"/> Concrete<br><input type="checkbox"/> Galvanized            | Slot No.                   |              |            |
| <b>No Casing or Screen</b>                    |  |                            |              |            |
| <input checked="" type="checkbox"/> Open hole |  |                            | <u>2.9</u>   | <u>7.6</u> |

| 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)  | <u>1</u>     |                    | <u>1</u>  |                    |
| Duration of pumping _____ hrs + _____ min  | <u>2</u>     |                    | <u>2</u>  |                    |
| Final water level end of pumping _____ metres  | <u>3</u>     |                    | <u>3</u>  |                    |
| Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep | <u>4</u>     |                    | <u>4</u>  |                    |
| Recommended pump depth. _____ metres   | <u>5</u>     |                    | <u>5</u>  |                    |
| Recommended pump rate. (litres/min)  | <u>10</u>    |                    | <u>10</u> |                    |
|  | <u>15</u>    |                    | <u>15</u> |                    |
| If flowing give rate - (litres/min)  | <u>20</u>    |                    | <u>20</u> |                    |
|  | <u>25</u>    |                    | <u>25</u> |                    |
| If pumping discontinued, give reason.  | <u>30</u>    |                    | <u>30</u> |                    |
|  | <u>40</u>    |                    | <u>40</u> |                    |
|  | <u>50</u>    |                    | <u>50</u> |                    |
|  | <u>60</u>    |                    | <u>60</u> |                    |

| Water Record  |               |
|---|---------------|
| Water found at _____ Metres   | Kind of Water |
| <input checked="" type="checkbox"/> seepage <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____ |               |
| <input type="checkbox"/> m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur<br><input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals<br><input type="checkbox"/> Other: _____                  |               |
| After test of well yield, water was <input type="checkbox"/> Clear and sediment free <input type="checkbox"/> Other, specify _____  |               |
| Chlorinated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |               |

| Plugging and Sealing Record  |   |                              |
|--|---|------------------------------|
| Depth set at - Metres  | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres) |
| From To  |   |                              |
| <u>0</u> <u>2.9</u>  | <u>Holeplug</u>   |                              |
| <input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment |   |                              |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <u>Z 64915</u>  | Date Well Completed <u>2007 03 14</u> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____                  |

| Method of Construction                         |   |   |  |
|--|---|---|--|
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)        | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                             |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                 | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                               |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                         | <input type="checkbox"/> Driving                    |  |
| Water Use                                      |   |   |  |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                     | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other <u>Remediation</u> |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                     | <input type="checkbox"/> Not used                   |  |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                      | <input type="checkbox"/> Cooling & air conditioning |  |
| Final Status of Well                           |   |   |  |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                  | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)                  |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply | <input checked="" type="checkbox"/> Dewatering      |  |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality        | <input type="checkbox"/> Replacement well           |  |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><u>Bernard Marquardt &amp; Son Ltd.</u>   | Well Contractor's Licence No.<br><u>3651</u>   |
| Business Address (street name, number, city etc.)<br><u>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</u> |  |
| Name of Well Technician (last name, first name)<br><u>Marquardt, Brad</u>                                    | Well Technician's Licence No.<br><u>T-2781</u> |
| Signature of Technician/Contractor<br>   | Date Submitted <u>2007 03 12</u>               |

| Ministry Use Only                |                                      |
|----------------------------------|--------------------------------------|
| Data Source                      | Contractor                           |
| Date Received <u>MAR 29 2007</u> | Date of Inspection <u>2007 03 14</u> |
| Remarks                          | Well Record Number                   |



|          |                 |             |
|----------|-----------------|-------------|
| Well Tag | <b>A 054062</b> | (see below) |
| A054062  |                 |             |

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- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- 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

|   |     |  |         |   |  |   |            |
|---|-----|--|---------|---|--|---|------------|
| First Name<br><b>Honeywell Limited</b>  |     | Last Name                                    |         | Mailing Address (Street Number/Name, RR, Lot, Concession)<br><b>155 Gordon Baker Road</b> |  |   |            |
| County/District/Municipality  |     | Township/City/Town/Village<br><b>Toronto</b> |         | Province<br><b>Ontario</b>  | Postal Code<br><b>M2H 3N7</b>          | Telephone Number (include area code)  |            |
| Address of Well Location (County/District/Municipality)<br><b>Ottawa Carleton</b> |     |  |         | Township<br><b>Ottawa</b>   |  | Lot   | Concession |
| RR#/Street Number/Name<br><b>3 Hamilton Ave. North</b>                            |     |  |         | City/Town/Village   |  | Site/Compartment/Block/Tract etc.   |            |
| GPS Reading   | NAD | Zone   | Easting | Northing  | Unit Make/Model<br><b>Garmin/eTrex</b> | Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify _____ |            |

Log of Overburden and Bedrock Materials (see instructions)

| General Colour | Most common material | Other Materials | General Description | Depth Metres |     |
|----------------|----------------------|-----------------|---------------------|--------------|-----|
|                |                      |                 |                     | From         | To  |
| brown          | gravel               | sand            |                     | 0            | 2.6 |
| grey           | limestone            |                 |                     | 2.6          | 7.6 |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |
|                |                      |                 |                     |              |     |

| Hole Diameter                                    |                                |  |
|--|--------------------------------|--|
| Depth  | Metres                         | Diameter                               |
| From   | To                             | Centimetres                            |
| 0  | 2.6                            | 25.4                                   |
| 2.6  | 7.6                            | 15.2                                   |
| Water Record                                     |                                |  |
| Water found at _____ Metres                      | Kind of Water                  |  |
| <input checked="" type="checkbox"/> seepage      | <input type="checkbox"/> Fresh | <input type="checkbox"/> Sulphur       |
| <input type="checkbox"/> Gas                     | <input type="checkbox"/> Salty | <input type="checkbox"/> Minerals      |
| <input type="checkbox"/> Other: _____            | _____ m                        |  |
| <input type="checkbox"/> Gas                     | <input type="checkbox"/> Fresh | <input type="checkbox"/> Sulphur       |
| <input type="checkbox"/> Other: _____            | <input type="checkbox"/> Salty | <input type="checkbox"/> Minerals      |
| After test of well yield, water was              |                                |  |
| <input type="checkbox"/> Clear and sediment free |                                |  |
| <input type="checkbox"/> Other, specify _____    |                                |  |
| Chlorinated                                      | <input type="checkbox"/> Yes   | <input checked="" type="checkbox"/> No |

| Construction Record                           |   |                            |       |     |        |
|---|---|----------------------------|-------|-----|--------|
| Inside diam centimetres                       | Material  | Wall thickness centimetres | Depth |     | Metres |
|   |   |                            | From  | To  |        |
| <b>Casing</b>                                 |   |                            |       |     |        |
| 15.9  | <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass | .48                        | 0     | 2.6 |        |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |     |        |
|   | <input type="checkbox"/> Galvanized   |                            |       |     |        |
| <b>Screen</b>                                 |   |                            |       |     |        |
| Outside diam                                  | <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass            | Slot No.                   |       |     |        |
|   | <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete            |                            |       |     |        |
|   | <input type="checkbox"/> Galvanized   |                            |       |     |        |
| <b>No Casing or Screen</b>                    |   |                            |       |     |        |
| <input checked="" type="checkbox"/> Open hole |   |                            | 7.6   |     |        |

| 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       |                    |
|   | 15           |                    | 15       |                    |
| If flowing give rate - (litres/min)   | 20           |                    | 20       |                    |
|   | 25           |                    | 25       |                    |
| If pumping discontinued, give reason.   | 30           |                    | 30       |                    |
|   | 40           |                    | 40       |                    |
|   | 50           |                    | 50       |                    |
|   | 60           |                    | 60       |                    |

| Plugging and Sealing Record                    |   |   | <input checked="" type="checkbox"/> Annular space | <input type="checkbox"/> Abandonment |
|--|---|---|---|--------------------------------------|
| Depth set at - Metres                          | Material and type (bentonite slurry, neat cement slurry) etc. | Volume Placed (cubic metres)                        |   |                                      |
| From   | To  |   |   |                                      |
| 0  | 2.6   | Holeplug  |   |                                      |
| <b>Method of Construction</b>                  |   |   |   |                                      |
| <input type="checkbox"/> Cable Tool            | <input checked="" type="checkbox"/> Rotary (air)              | <input type="checkbox"/> Diamond                    | <input type="checkbox"/> Digging                  |                                      |
| <input type="checkbox"/> Rotary (conventional) | <input type="checkbox"/> Air percussion                       | <input type="checkbox"/> Jetting                    | <input type="checkbox"/> Other                    |                                      |
| <input type="checkbox"/> Rotary (reverse)      | <input type="checkbox"/> Boring                               | <input type="checkbox"/> Driving                    |   |                                      |
| <b>Water Use</b>                               |   |   |   |                                      |
| <input type="checkbox"/> Domestic              | <input type="checkbox"/> Industrial                           | <input type="checkbox"/> Public Supply              | <input checked="" type="checkbox"/> Other         |                                      |
| <input type="checkbox"/> Stock                 | <input type="checkbox"/> Commercial                           | <input type="checkbox"/> Not used                   | Remediation                                       |                                      |
| <input type="checkbox"/> Irrigation            | <input type="checkbox"/> Municipal                            | <input type="checkbox"/> Cooling & air conditioning |   |                                      |
| <b>Final Status of Well</b>                    |   |   |   |                                      |
| <input type="checkbox"/> Water Supply          | <input type="checkbox"/> Recharge well                        | <input type="checkbox"/> Unfinished                 | <input type="checkbox"/> Abandoned, (Other)       |                                      |
| <input type="checkbox"/> Observation well      | <input type="checkbox"/> Abandoned, insufficient supply       | <input checked="" type="checkbox"/> Dewatering      |   |                                      |
| <input type="checkbox"/> Test Hole             | <input type="checkbox"/> Abandoned, poor quality              | <input type="checkbox"/> Replacement well           |   |                                      |

| Location of Well  |                                       |
|---|---------------------------------------|
| In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.                     |                                       |
|   |                                       |
| Audit No. <b>z 64916</b>  | Date Well Completed <b>2007 03 14</b> |
| Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Date Delivered _____                  |

| Well Contractor/Technician Information   |  |
|--|--|
| Name of Well Contractor<br><b>Bernard Marquardt &amp; Son Ltd.</b>   | Well Contractor's Licence No.<br><b>3651</b>   |
| Business Address (street name, number, city etc.)<br><b>18 Crescent Dr., RR#1, Palmer Rapids, ON K0J 2E0</b> |  |
| Name of Well Technician (last name, first name)<br><b>Marquardt, Brad</b>                                    | Well Technician's Licence No.<br><b>T-2781</b> |
| Signature of Technician/Contractor<br><i>Brad Marquardt</i>  | Date Submitted<br><b>2007 03 12</b>            |

| Ministry Use Only                |                           |
|----------------------------------|---------------------------|
| Data Source                      | Contractor<br><b>3651</b> |
| Date Received <b>MAR 29 2007</b> | Date of Inspection _____  |
| Remarks                          | Well Record Number        |



A080380

Master Well Owner's and Land Owner's Information

First Name, Last Name, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Location and Construction of the Master Well in the Cluster

Address of Well Location, Township, Lot, Concession, City/Town/Village, Province, Postal Code, UTM Coordinates, GPS Unit Make, Model, Mode of Operation

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (Metres) From/To

Hole Details table with 3 columns: Depth (Metres) From/To, Diameter (Centimetres)

Water Use section with checkboxes for Public, Industrial, Domestic, Commercial, etc.

Method of Construction section with checkboxes for Cable Tool, Air Percussion, etc.

Status of Well section with checkboxes for Test Hole, Abandoned, etc.

No Casing and Screen Used section with Yes/No checkboxes

Static Water Level Test section with Outside Diameter and Slot No.

Construction Details table with 4 columns: Inside Diameter, Material, Wall Thickness, Depth (Metres)

Water Details section with checkboxes for Gas, Fresh, Salty, Sulphur, Minerals

Annular Space/Abandonment Sealing Record table with 3 columns: Depth Set at, Type of Sealant Used, Volume Used

Disinfected section with Yes/No checkboxes and Date Master Well Completed

Cluster Information section with Total Wells in Cluster and Total Wells on this Property

Location of Well Cluster section with detailed map requirements

Well Contractor and Well Technician Information section with Business Name, Licence No., Address, etc.

Ministry Use Only section with Audit No., Date Received, Date of Inspection, Remarks

A 080380

6108

**Property Owner's Information**

First Name \_\_\_\_\_ Last Name METCALF REALTY COMPANY LTD. Mailing Address (Street No./Name, RR) 130 ALBERT ST. SUITE 210 Municipality \_\_\_\_\_  
 Province ONT Postal Code K1P 5B4 E-mail Address \_\_\_\_\_ Telephone No. (inc. area code) 613-563-4442

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

**Cluster Well Information**

Address of Well Location (Street Number/Name, RR) 7 HURON AVE. Lot \_\_\_\_\_ 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: \_\_\_\_\_

| 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  |                            |                             |                          |          |                                 |
| 2                | 18   | 427850          | 27865    | 4.8                         | 5                  | AIR PERCUSSION         | Plastic         | 2                      | 2                        | 4.5 | Bentonite                  |                             |                          |          | 2009/1/21                       |
| 3                | 18   | 427445          | 027877   | 10                          | 5                  | AIR PERCUSSION         | Plastic         | 7                      | 7                        | 10  | Bentonite                  |                             |                          |          | 2009/1/20                       |
| 4                | 18   | 427465          | 027877   | 6                           | 5                  | AIR PERCUSSION         | Plastic         | 3                      | 3                        | 10  | Bentonite                  |                             |                          |          | 2009/1/20                       |

**Well Contractor and Well Technician Information**

Business Name of Well Contractor STRATA SOIL SAMPLING Business Address (Street Number/Name, RR) 1470 BAY BRIDGE CREEK UNIT 2 Municipality RICHMOND HILL Province Ont  
 Postal Code L4B 1C6 Business Telephone No. (inc. area code) 905 764 9304 Well Contractor's Licence No. \_\_\_\_\_ Business E-mail Address \_\_\_\_\_  
 Name of Well Technician (First Name, Last Name) \_\_\_\_\_ Well Technician's Licence No. \_\_\_\_\_ Date Submitted (yyyy/mm/dd) \_\_\_\_\_ Signature of Technician \_\_\_\_\_

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2009/1/20 Date Last Well in Cluster Constructed (yyyy/mm/dd) 2009/1/27

**Ministry Use Only**  
 Date Received (yyyy/mm/dd) **FEB 23 2009** Date Inspected (yyyy/mm/dd) \_\_\_\_\_  
 Audit No. **C 01676** Remarks M03849

# Well ID

Well ID Number: 7120051

Well Audit Number: *M03194*

Well Tag Number: *A076162*

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

This well is part of a well cluster.

The information below is extracted from the cluster well record.

More information on the cluster well record (related to other wells in the cluster) is also available.

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE AVE. / ARMSTRONG                                     |
| <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<br>Easting: 442880.00<br>Northing: 5027866.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|

## Annular Space/Abandonment Sealing Record

| Depth From | Depth To | Type of Sealant Used (Material and Type) | Volume Placed |
|------------|----------|--|---------------|
| 15.5 m     | 14.8 m   | BENTONITE                                |               |

## Method of Construction & Well Use

| Method of Construction | Well Use   |
|------------------------|------------|
| Cable Tool             | Monitoring |

## Status of Well

Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
|                 | PLASTIC               |            | 17.02 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2 cm             | PLASTIC  |            |          |

## 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                   |

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b> N         |

## 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> |
|-----------------------------|-------------|
| 4.42 m                      | Fresh       |

## Hole Diameter

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
|               | 17.02 m     | 88.9 cm  |

**Audit Number:** M03194

**Date Well Completed:** January 27, 2009

**Date Well Record Received by MOE:** March 03, 2009

# Well ID

Well ID Number: 7122598

Well Audit Number:

Well Tag Number: *A076171*

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

This well is part of a well cluster.

The information below is extracted from the cluster well record.

More information on the cluster well record (related to other wells in the cluster) is also available.

## Well Location

---

### Address of Well Location

|                 |             |
|-----------------|-------------|
| <b>Township</b> | OTTAWA CITY |
|-----------------|-------------|

|            |  |
|------------|--|
| <b>Lot</b> |  |
|------------|--|

|                   |  |
|-------------------|--|
| <b>Concession</b> |  |
|-------------------|--|

|                                     |                 |
|-------------------------------------|-----------------|
| <b>County/District/Municipality</b> | OTTAWA-CARLETON |
|-------------------------------------|-----------------|

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

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

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

|                        |   |
|------------------------|---|
| <b>UTM Coordinates</b> | NAD83 — Zone 18<br>Easting: 442746.00<br>Northing: 5027981.00 |
|------------------------|---|

|   |  |
|---|--|
| <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

---

| <b>Depth<br/>From</b> | <b>Depth<br/>To</b> | <b>Type of Sealant Used<br/>(Material and Type)</b> | <b>Volume<br/>Placed</b> |
|-----------------------|---------------------|---|--------------------------|
|-----------------------|---------------------|---|--------------------------|

## **Method of Construction & Well Use**

| <b>Method of Construction</b> | <b>Well Use</b> |
|-------------------------------|-----------------|
|-------------------------------|-----------------|

## **Status of Well**

## **Construction Record - Casing**

| <b>Inside<br/>Diameter</b> | <b>Open Hole or material</b> | <b>Depth<br/>From</b> | <b>Depth<br/>To</b> |
|----------------------------|------------------------------|-----------------------|---------------------|
|----------------------------|------------------------------|-----------------------|---------------------|

## **Construction Record - Screen**

| <b>Outside<br/>Diameter</b> | <b>Material</b> | <b>Depth<br/>From</b> | <b>Depth<br/>To</b> |
|-----------------------------|-----------------|-----------------------|---------------------|
|-----------------------------|-----------------|-----------------------|---------------------|

## **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> |
|-----------------------------|-------------|
|-----------------------------|-------------|

---

# Hole Diameter

---

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
|---------------|-------------|----------|

---

**Audit Number:**

**Date Well Completed:** December 21, 2008

**Date Well Record Received by MOE:** March 11, 2009

Measurements recorded in:  Metric  Imperial

A 086742

A086742

6462

Page of

Well Owner's Information

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

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, 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 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From To

Annular Space table with 3 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 for Draw Down (Time, Water Level) and Recovery (Time, Water Level)

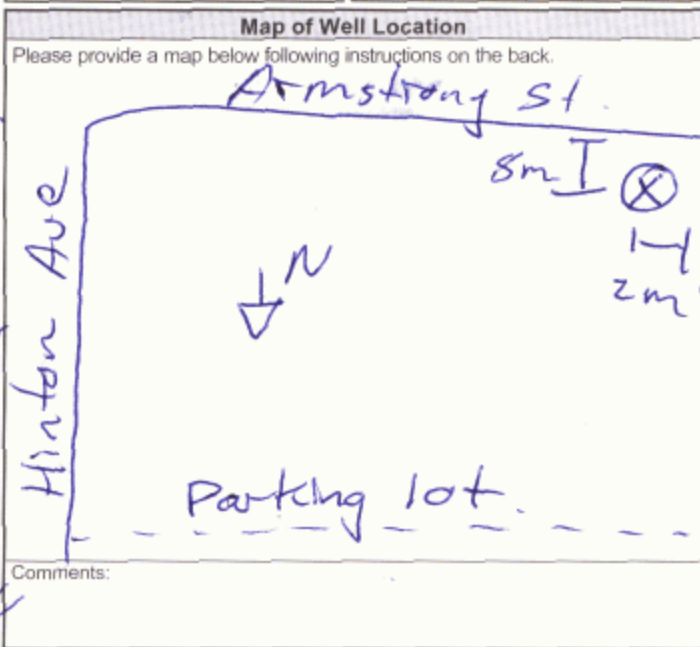
Method of Construction and Well Use checkboxes

Construction Record - Casing and Status of Well tables

Construction Record - Screen table

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information form



Well owner's information package delivered, Date Package Delivered, Date Work Completed, Ministry Use Only (Audit No. 2100285, Received 29 2009)

Measurements recorded in:  Metric  Imperial

**A 087222**

*A087222 6462* Page      of     

**Well Owner's Information**

First Name: *Metcalfe* Last Name / Organization: *Realty Company Ltd* E-mail Address:       Well Constructed by Well Owner

Mailing Address (Street Number/Name): *2700 Queensview Dr* Municipality: *Ottawa* Province: *ON* Postal Code: *K2B8H6* Telephone No. (inc. area code):     

**Well Location**

Address of Well Location (Street Number/Name): *6 Hinton Ave* Township:      Lot:      Concession:     

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

UTM Coordinates: Zone      Easting *18442717* Northing *5027813* Municipal Plan and Sublot Number:      Other:     

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) |    |
|----------------|----------------------|-----------------|---------------------|--------------|----|
|                |                      |                 |                     | From         | To |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |
|                |                      |                 |                     |              |    |

| Annular Space       |  |  |
|---------------------|--|--|
| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) |
| 0' - 1'             | Cement                                   |  |
| 1' - 4'             | Bentonite                                |  |
| 4' - 15'            | Sand                                     |  |

| Results of Well Yield Testing   |              |                    |            |                    |
|---|--------------|--------------------|------------|--------------------|
| After test of well yield, water was:  | Draw Down    |                    | Recovery   |                    |
|   | Time (min)   | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| <input type="checkbox"/> Clear and sand free<br><input type="checkbox"/> Other, specify <u>    </u> |              |                    |            |                    |
| If pumping discontinued, give reason:   | Static Level |                    |            |                    |
|   | 1            |                    | 1          |                    |
| Pump intake set at (m/ft)   | 2            |                    | 2          |                    |
|   | 3            |                    | 3          |                    |
| Pumping rate (l/min / GPM)  | 4            |                    | 4          |                    |
|   | 5            |                    | 5          |                    |
| Duration of pumping <u>    </u> hrs + <u>    </u> min   | 10           |                    | 10         |                    |
| Final water level end of pumping (m/ft)   | 15           |                    | 15         |                    |
|   | 20           |                    | 20         |                    |
| If flowing give rate (l/min / GPM)  | 25           |                    | 25         |                    |
|   | 30           |                    | 30         |                    |
| Recommended pump depth (m/ft)   | 40           |                    | 40         |                    |
|   | 50           |                    | 50         |                    |
| Recommended pump rate (l/min / GPM)   | 60           |                    | 60         |                    |
|   |              |                    |            |                    |
| Well production (l/min / GPM)   |              |                    |            |                    |
|   |              |                    |            |                    |
| Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No                               |              |                    |            |                    |

| Method of Construction                              |                                  | Well Use  |   |
|---|----------------------------------|---|---|
| <input type="checkbox"/> Cable Tool                 | <input type="checkbox"/> Diamond | <input type="checkbox"/> Public                     | <input type="checkbox"/> Commercial                 |
| <input type="checkbox"/> Rotary (Conventional)      | <input type="checkbox"/> Jetting | <input type="checkbox"/> Domestic                   | <input type="checkbox"/> Municipal                  |
| <input type="checkbox"/> Rotary (Reverse)           | <input type="checkbox"/> Driving | <input type="checkbox"/> Livestock                  | <input checked="" type="checkbox"/> Test Hole       |
| <input type="checkbox"/> Boring                     | <input type="checkbox"/> Digging | <input type="checkbox"/> Irrigation                 | <input checked="" type="checkbox"/> Monitoring      |
| <input checked="" type="checkbox"/> Air percussion  | <b>Direct Push</b>               | <input type="checkbox"/> Industrial                 | <input type="checkbox"/> Cooling & Air Conditioning |
| <input type="checkbox"/> Other, specify <u>    </u> |                                  | <input type="checkbox"/> Other, specify <u>    </u> |   |

| Construction Record - Casing |  |                        |              | Status of Well |  |
|------------------------------|--|------------------------|--------------|----------------|--|
| Inside Diameter (cm/in)      | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |                | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input checked="" type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify <u>    </u><br><input type="checkbox"/> Other, specify <u>    </u> |
|                              |  |                        | From         | To             |  |
| 1.25"                        | Plastic  | 0.25"                  | 0'           | 5'             |  |

| Construction Record - Screen |                                       |          |              |     |
|------------------------------|---------------------------------------|----------|--------------|-----|
| Outside Diameter (cm/in)     | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |     |
|                              |                                       |          | From         | To  |
| 1.25"                        | Plastic                               | 10       | 5'           | 15' |

| Water Details  |   | Hole Diameter        |                  |
|--|---|----------------------|------------------|
| Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify <u>    </u> | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested | Depth (m/ft) From To | Diameter (cm/in) |
|  |   | 0' 15'               | 3.25"            |
|  |   |                      |                  |
|  |   |                      |                  |

**Well Contractor and Well Technician Information**

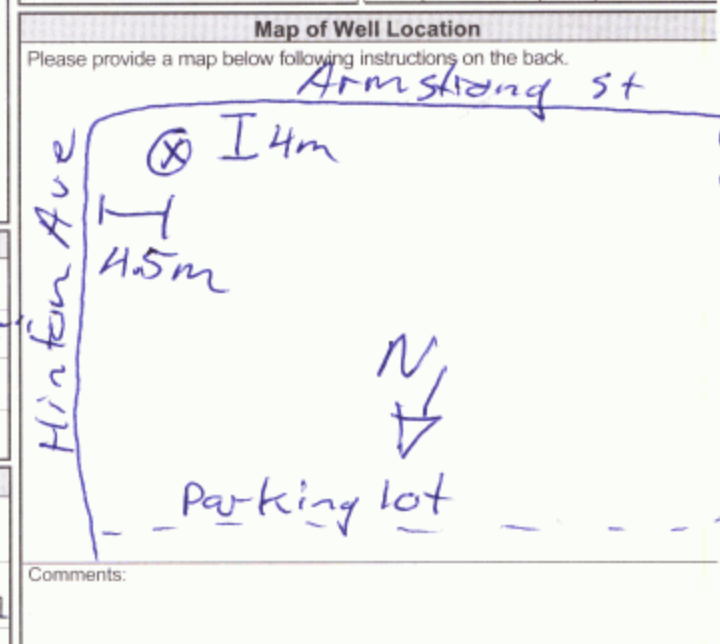
Business Name of Well Contractor: *Strata Soil Sampling Inc.* Well Contractor's Licence No.: *7 2 4 1*

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

Province: *Ontario* Postal Code: *L4B 1C6* Business E-mail Address: *wrecords@stratasoil.com*

Bus. Telephone No. (inc. area code): *905-764-9304* Name of Well Technician (Last Name, First Name): *Mait, Mike*

Well Technician's Licence No.: *3 4 4 8* Signature of Technician and/or Contractor: *Mike Mait* Date Submitted: *20090705*



Well owner's information package delivered:  Yes  No

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

Date Work Completed: *20090624*

**Ministry Use Only**

Audit No. **Z 93059**

**JUL 29 2009**

Received

Measurements recorded in:  Metric  Imperial

**A 087223** *A087223*

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**Well Owner's Information**

First Name: *Metcalfe Realty Company Ltd* Last Name / Organization: *Metcalfe Realty Company Ltd* E-mail Address: \_\_\_\_\_  Well Constructed by Well Owner

Mailing Address (Street Number/Name): *2700 Queensview Dr* Municipality: *Ottawa* Province: *ON* Postal Code: *K2B5H6* Telephone No. (inc. area code): \_\_\_\_\_

**Well Location**

Address of Well Location (Street Number/Name): *6 Hinton Ave* Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_

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

UTM Coordinates: Zone: *18* Easting: *044268050* Northing: *27831* Municipal Plan and Sublot Number: \_\_\_\_\_ Other: \_\_\_\_\_

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

| General Colour | Most Common Material | Other Materials  | General Description | Depth (m/ft) |            |
|----------------|----------------------|------------------|---------------------|--------------|------------|
|                |                      |                  |                     | From         | To         |
| <i>Brn</i>     | <i>Fill</i>          | <i>Sand/Clay</i> |                     | <i>0'</i>    | <i>5'</i>  |
| <i>Grn</i>     | <i>Granite</i>       |                  |                     | <i>5'</i>    | <i>15'</i> |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |
|                |                      |                  |                     |              |            |

| Annular Space       |  |  |
|---------------------|--|--|
| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) |
| From                | To                                       |  |
| <i>0'</i>           | <i>1'</i> cement                         |  |
| <i>1'</i>           | <i>4'</i> Bentonite                      |  |
| <i>4'</i>           | <i>15'</i> sand.                         |  |

| Method of Construction                             |                                  | Well Use                                      |   |
|--|----------------------------------|---|---|
| <input type="checkbox"/> Cable Tool                | <input type="checkbox"/> Diamond | <input type="checkbox"/> Public               | <input type="checkbox"/> Commercial                 |
| <input type="checkbox"/> Rotary (Conventional)     | <input type="checkbox"/> Jetting | <input type="checkbox"/> Domestic             | <input type="checkbox"/> Municipal                  |
| <input type="checkbox"/> Rotary (Reverse)          | <input type="checkbox"/> Driving | <input type="checkbox"/> Livestock            | <input type="checkbox"/> Test Hole                  |
| <input type="checkbox"/> Boring                    | <input type="checkbox"/> Digging | <input type="checkbox"/> Irrigation           | <input type="checkbox"/> Cooling & Air Conditioning |
| <input checked="" type="checkbox"/> Air percussion |                                  | <input type="checkbox"/> Industrial           | <input checked="" type="checkbox"/> Monitoring      |
| <input type="checkbox"/> Other, specify _____      |                                  | <input type="checkbox"/> Other, specify _____ |   |

| Construction Record - Casing |  |                        | Status of Well |           |  |
|------------------------------|--|------------------------|----------------|-----------|--|
| Inside Diameter (cm/in)      | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft)   |           | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |
|                              |  |                        | From           | To        |  |
| <i>1.25"</i>                 | <i>Plastic</i>   | <i>0.25"</i>           | <i>0'</i>      | <i>5'</i> |  |

| Construction Record - Screen |                                       |           | Status of Well |            |  |
|------------------------------|---------------------------------------|-----------|----------------|------------|--|
| Outside Diameter (cm/in)     | Material (Plastic, Galvanized, Steel) | Slot No.  | Depth (m/ft)   |            | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |
|                              |                                       |           | From           | To         |  |
| <i>1.25'</i>                 | <i>Plastic</i>                        | <i>10</i> | <i>5'</i>      | <i>15'</i> |  |

| Water Details               |  | Hole Diameter |                  |
|-----------------------------|--|---------------|------------------|
| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____ | Depth (m/ft)  | Diameter (cm/in) |
|                             |  | From          | To               |
|                             |  | <i>0'</i>     | <i>15'</i>       |
|                             |  |               | <i>3.25"</i>     |

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: *Strata Soil Sampling* Well Contractor's Licence No.: *72411*

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

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

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

Well Technician's Licence No.: *3448* Signature of Technician and/or Contractor: *Mike Muir* Date Submitted: *20090705*

| Results of Well Yield Testing   |   |                    |            |                    |
|---|---|--------------------|------------|--------------------|
| After test of well yield, water was:<br><input type="checkbox"/> Clear and sand free<br><input type="checkbox"/> Other, specify _____ | Draw Down                                 |                    | Recovery   |                    |
|   | Time (min)                                | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| If pumping discontinued, give reason:<br>_____  | Static Level                              |                    |            |                    |
|   | 1   |                    | 1          |                    |
|   | Pump intake set at (m/ft)                 | 2                  | 2          |                    |
|   | Pumping rate (l/min / GPM)                | 3                  | 3          |                    |
|   | Duration of pumping _____ hrs + _____ min | 4                  | 4          |                    |
|   | Final water level end of pumping (m/ft)   | 5                  | 5          |                    |
| If flowing give rate (l/min / GPM)  | 10  |                    | 10         |                    |
|   | 15  |                    | 15         |                    |
|   | 20  |                    | 20         |                    |
|   | Recommended pump depth (m/ft)             | 25                 | 25         |                    |
|   | Recommended pump rate (l/min / GPM)       | 30                 | 30         |                    |
|   | Well production (l/min / GPM)             | 40                 | 40         |                    |
| Disinfected?<br><input type="checkbox"/> Yes <input type="checkbox"/> No  | 50  |                    | 50         |                    |
|   | 60  |                    | 60         |                    |

**Map of Well Location**

Please provide a map below following instructions on the back.

*Armstrong St*

*Hinton Ave*

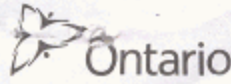
*Parking Lot*

*3m*

*2m I*

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

|  |                                       |  |
|--|---------------------------------------|--|
| Well owner's information package delivered: <input type="checkbox"/> Yes <input type="checkbox"/> No | Date Package Delivered: <i>YYMMDD</i> | <b>Ministry Use Only</b><br>Audit No. <b>Z100300</b><br><b>JUL 29 2009</b><br>Received _____ |
| Date Work Completed: <i>20090705</i>   |                                       |  |



Measurements recorded in:  Metric  Imperial

A090933

A 090933

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Well Owner's Information

366 Parkdale Ave

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

UTM Coordinates: Zone: \_\_\_\_\_ Easting: **18442870** Northing: **5027762** Municipal Plan and Sublot Number: \_\_\_\_\_ Other: **WKQ-001799**  
NAD: **83** **A0-A01**

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) From | Depth (m/ft) To |
|----------------|----------------------|-----------------|---------------------|-------------------|-----------------|
| BBW            | FILL                 | Gravel          | Loose               | 0                 | 0.6             |
| BBW            | CLAY                 | SILT            | SOFT                | 0.6               | 3.35            |
| GRY            | Bedrock              |                 |                     | 3.35              | 5.18            |

**Annular Space**

| Depth Set at (m/ft) From | Depth Set at (m/ft) To | Type of Sealant Used (Material and Type) | Volume Placed (m³/ft³) |
|--------------------------|------------------------|--|------------------------|
| 0                        | 0.3                    | Concrete                                 |                        |
| 0.3                      | 1.83                   | Grout                                    |                        |
| 1.83                     | 5.18                   | SAND                                     |                        |

**Results of Well Yield Testing**

| After test of well yield, water was:<br><input type="checkbox"/> Clear and sand free<br><input type="checkbox"/> Other, specify _____   | Draw Down    |                    | Recovery   |                    |
|---|--------------|--------------------|------------|--------------------|
|   | Time (min)   | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| If pumping discontinued, give reason:<br><br>Pump intake set at (m/ft)<br><br>Pumping rate (l/min / GPM)<br><br>Duration of pumping _____ hrs + _____ min<br>Final water level end of pumping (m/ft)<br><br>If flowing give rate (l/min / GPM)<br><br>Recommended pump depth (m/ft)<br><br>Recommended pump rate (l/min / GPM)<br><br>Well production (l/min / GPM)<br><br>Disinfected?<br><input type="checkbox"/> Yes <input type="checkbox"/> No | Static Level |                    |            |                    |
|   | 1            |                    | 1          |                    |
|   | 2            |                    | 2          |                    |
|   | 3            |                    | 3          |                    |
|   | 4            |                    | 4          |                    |
|   | 5            |                    | 5          |                    |
|   | 10           |                    | 10         |                    |
|   | 15           |                    | 15         |                    |
|   | 20           |                    | 20         |                    |
|   | 25           |                    | 25         |                    |
|   | 30           |                    | 30         |                    |
|   | 40           |                    | 40         |                    |
|   | 50           |                    | 50         |                    |
|   | 60           |                    | 60         |                    |

**Method of Construction**

Cable Tool  Diamond  Public  Commercial  Not used  
 Rotary (Conventional)  Jetting  Domestic  Municipal  Dewatering  
 Rotary (Reverse)  Driving  Livestock  Test Hole  Monitoring  
 Boring  Digging  Irrigation  Cooling & Air Conditioning  
 Air percussion  Industrial  
 Other, specify **Direct Push**  Other, specify \_\_\_\_\_

**Construction Record - Casing**

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |      | Status of Well  |
|-------------------------|--|------------------------|--------------|------|---|
|                         |  |                        | From         | To   |   |
| 3.45                    | Plastic  | .356                   | 0            | 2.13 | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input checked="" type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |

**Construction Record - Screen**

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |      |
|--------------------------|---------------------------------------|----------|--------------|------|
|                          |                                       |          | From         | To   |
| 4.21                     | Plastic                               | 10       | 2.13         | 5.18 |

**Water Details**

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

**Well Contractor and Well Technician Information**

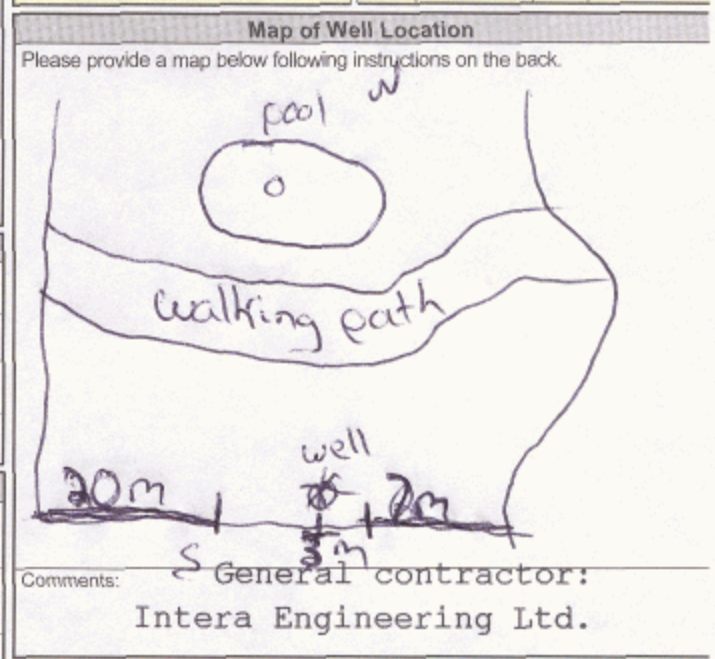
Business Name of Well Contractor: **Strata Soil Sampling Inc.** Well Contractor's Licence No.: **7241**

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

Province: **Ontario** Postal Code: **L4B 1C6** Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **905-764-9304** Name of Well Technician (Last Name, First Name): **Robinson Treas**

Well Technician's Licence No.: **3159** Signature of Technician and/or Contractor: \_\_\_\_\_ Date Submitted: **20091010**



**Ministry Use Only**

Audit No.: **Z106669**

Received: **NOV 13 2009**

Well owner's information package delivered:  Yes  No

Date Package Delivered: \_\_\_\_\_ Date Work Completed: \_\_\_\_\_

Measurements recorded in:  Metric  Imperial

A090935

A 090935

Well Owner's Information

366 Parkdale Ave

County/District/Municipality:   
 City/Town/Village: **Ottawa**   
 Province: **Ontario**   
 Postal Code:   
 UTM Coordinates:   
 Zone: **18**   
 Easting: **442885**   
 Northing: **5027769**   
 Municipal Plan and Sublot Number:   
 Other: **WKQ-001799**   
 **A 0 - A 01**

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) |      |
|----------------|----------------------|-----------------|---------------------|--------------|------|
|                |                      |                 |                     | From         | To   |
| BRN            | FILL                 | Gravel          | loose               | 0            | 0.6  |
| BRN            | CLAY                 | SILT            | soft                | 0.6          | 2.44 |
| GRY            | Bedrock              |                 |                     | 2.44         | 6.1  |

**Annular Space**

| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) |
|---------------------|--|--|
| From                | To                                       |  |
| 0                   | 0.3                                      | Concrete   |
| 0.3                 | 2.74                                     | Grout  |
| 2.74                | 6.1                                      | SAND   |

**Method of Construction**

Cable Tool  Diamond  Public  Commercial  Not used

Rotary (Conventional)  Jetting  Domestic  Municipal  Dewatering

Rotary (Reverse)  Driving  Livestock  Test Hole  Monitoring

Boring  Digging  Irrigation  Cooling & Air Conditioning

Air percussion  Industrial

Other, specify **Direct Push**  Other, specify

**Construction Record - Casing**

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |     | Status of Well  |
|-------------------------|--|------------------------|--------------|-----|---|
|                         |  |                        | From         | To  |   |
| 3.45                    | Plastic  | .356                   | 0            | 3.1 | <input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify |

**Construction Record - Screen**

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |     |
|--------------------------|---------------------------------------|----------|--------------|-----|
|                          |                                       |          | From         | To  |
| 4.21                     | Plastic                               | 10       | 3.1          | 6.1 |

**Water Details**

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify | Hole Diameter |                  |
|-----------------------------|--|---------------|------------------|
|                             |  | Depth (m/ft)  | Diameter (cm/in) |
|                             |  | From          | To               |
| 0                           |  | 2.44          | 8.25             |
| 2.44                        |  | 6.1           | 5.71             |

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: **Strata Soil Sampling Inc.**   
 Well Contractor's Licence No.: **7 2 4 1**

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

Province: **Ontario**   
 Postal Code: **L4B 1C6**   
 Business E-mail Address: **wrecords@stratasoil.com**

Bus. Telephone No. (inc. area code): **905-764-9304**   
 Name of Well Technician (Last Name, First Name): **Rebecca Jones**

Well Technician's Licence No.: **3 1 8 9**   
 Signature of Technician and/or Contractor: *[Signature]*   
 Date Submitted: **2009-10-16**

**Results of Well Yield Testing**

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping \_\_\_\_\_ hrs + \_\_\_\_\_ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

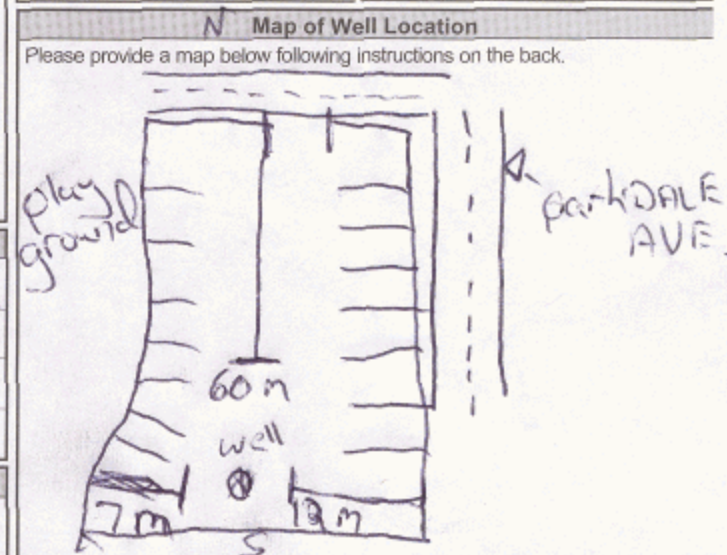
Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected?  Yes  No

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



Comments: **General contractor: Intera Engineering Ltd.**

Well owner's information package delivered:  Yes  No

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

Date Work Completed: **Y Y Y Y M M D D**

**Ministry Use Only**

Audit No.: **2106671**

Received: **NOV 13 2009**

Measurements recorded in:  Metric  Imperial

**A 099842**

A099842

Address of Well Location (Street Number/Name): 7 Hinton Avenue. Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_  
 County/District/Municipality: Ottawa. City/Town/Village: Ottawa. Province: **Ontario** Postal Code: \_\_\_\_\_  
 UTM Coordinates Zone: 18 Easting: 44278 Northing: 5027844 Municipal Plan and Sublot Number: \_\_\_\_\_ Other: \_\_\_\_\_

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) |      |
|----------------|----------------------|-----------------|---------------------|--------------|------|
|                |                      |                 |                     | From         | To   |
| Gry            | Cobbles              |                 | Hard, dry           | 0            | 1.22 |
| Brn/gy         | Sand                 | Silt            | Hard, moist         | 1.22         | 2.44 |
| Gry            | limestone            |                 | Hard,               | 2.44         | 6.1  |

**Annular Space**

| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) |
|---------------------|--|--|
| 0 - 0.31            | Concrete / flushmount                    |  |
| 0.31 - 1.83         | Holeplug                                 |  |
| 1.83 - 3.1          | Grout slurry                             |  |
| 3.1 - 6.1           | Sand                                     |  |

**Results of Well Yield Testing**

| After test of well yield, water was:  | Draw Down    |                    | Recovery   |                    |
|---|--------------|--------------------|------------|--------------------|
|   | Time (min)   | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| <input type="checkbox"/> Clear and sand free<br><input type="checkbox"/> Other, specify _____ |              |                    |            |                    |
| If pumping discontinued, give reason:   | Static Level |                    |            |                    |
| Pump intake set at (m/ft)   | 1            |                    | 1          |                    |
| Pumping rate (l/min / GPM)  | 2            |                    | 2          |                    |
| Duration of pumping _____ hrs + _____ min   | 3            |                    | 3          |                    |
| Final water level end of pumping (m/ft)   | 4            |                    | 4          |                    |
| If flowing give rate (l/min / GPM)  | 5            |                    | 5          |                    |
| Recommended pump depth (m/ft)   | 10           |                    | 10         |                    |
| Recommended pump rate (l/min / GPM)   | 15           |                    | 15         |                    |
| Well production (l/min / GPM)   | 20           |                    | 20         |                    |
| Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No                         | 25           |                    | 25         |                    |
|   | 30           |                    | 30         |                    |
|   | 40           |                    | 40         |                    |
|   | 50           |                    | 50         |                    |
|   | 60           |                    | 60         |                    |

**Method of Construction**

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

**Well Use**

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

**Construction Record - Casing**

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |      | Status of Well  |
|-------------------------|--|------------------------|--------------|------|---|
|                         |  |                        | From         | To   |   |
| 8.45                    | PVC  | .356                   | 0            | 3.35 | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input checked="" type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |

**Construction Record - Screen**

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |     | Status of Well                                |
|--------------------------|---------------------------------------|----------|--------------|-----|---|
|                          |                                       |          | From         | To  |   |
| 4.21                     | PVC                                   | 10       | 3.35         | 6.1 | <input type="checkbox"/> Other, specify _____ |

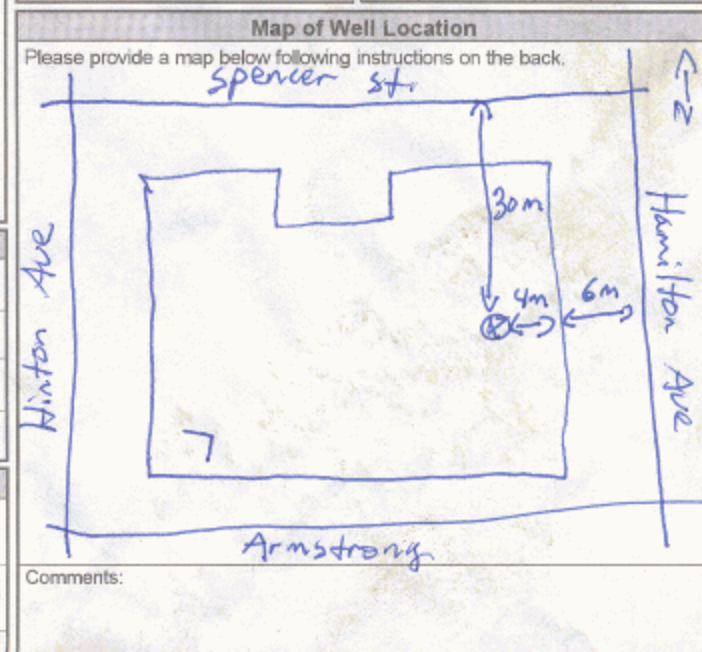
**Water Details**

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested | Depth (m/ft)       | Diameter (cm/in) |
|-----------------------------|---|--------------------|------------------|
| 0                           | <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____      | From: 0 To: 2.44   | 8.25             |
| 2.44                        | <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____      | From: 2.44 To: 6.1 | 5.71             |

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: Strata Soil Sampling Well Contractor's Licence No.: 7241  
 Business Address (Street Number/Name): 147-2 West Beaver Creek Rd Municipality: Richmond Hill  
 Province: Ontario Postal Code: L4B1C6 Business E-mail Address: records@stratasoil.com

Bus. Telephone No. (inc. area code): 9057164930 Name of Well Technician (Last Name, First Name): Beatty Brian  
 Well Technician's Licence No.: 3616 Signature of Technician and/or Contractor: [Signature] Date Submitted: 20110716



**Well owner's information package delivered**

Date Package Delivered: Y Y Y Y M M D D  
 Date Work Completed: 20110716

Yes  No

**Ministry Use Only**

Audit No.: z111755  
 Received: AUG 05 2011

Well Location

Address of Well Location (Street Number/Name): 7 Hinton Ave  
 Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_  
 County/District/Municipality: \_\_\_\_\_ City/Town/Village: Ottawa Province: Ontario Postal Code: \_\_\_\_\_  
 UTM Coordinates: Zone 18 Easting 442771 Northing 5027889 Municipal Plan and Sublot Number: \_\_\_\_\_ Other: \_\_\_\_\_

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

| General Colour | Most Common Material | Other Materials | General Description | Depth (m/ft) |      |
|----------------|----------------------|-----------------|---------------------|--------------|------|
|                |                      |                 |                     | From         | To   |
| Bm             | Sand                 | Gravel          | soft, dry           | 0            | 1.5  |
| Blk            | Top soil             | Sand            | Hard, dry           | 1.5          | 1.83 |
| Gry            | limestone            |                 | Hard                | 1.83         | 5.55 |

Annular Space

| Depth Set at (m/ft) | Type of Sealant Used (Material and Type) | Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) |
|---------------------|--|--|
| 0 - .31             | Concrete / flush mount                   |  |
| .31 - 1.5           | Hole plug                                |  |
| 1.5 - 2.74          | Grout slurry                             |  |
| 2.74 - 5.55         | Sand                                     |  |

Method of Construction

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

Well Use

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

Construction Record - Casing

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |     | Status of Well  |
|-------------------------|--|------------------------|--------------|-----|---|
|                         |  |                        | From         | To  |   |
| 3.45                    | PVC  | .356                   | 0            | 3.1 | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input checked="" type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |

Construction Record - Screen

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |      |
|--------------------------|---------------------------------------|----------|--------------|------|
|                          |                                       |          | From         | To   |
| 4.21                     | PVC                                   | 10       | 3.1          | 5.55 |

Water Details

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested | Depth (m/ft) | Diameter (cm/in) |
|-----------------------------|---|--------------|------------------|
| 0                           | <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____      | 0 - 1.83     | 8.25             |
| 1.83                        | <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____      | 1.83 - 5.55  | 5.71             |

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strata Soil Sampling Well Contractor's Licence No.: 7241  
 Business Address (Street Number/Name): 147-2 West Beaver Creek Rd Richmond Hill Municipality: \_\_\_\_\_  
 Province: Ontario Postal Code: L4B1C6 Business E-mail Address: wrecords@stratasoil.com  
 Bus. Telephone No. (inc. area code): 9059649304 Name of Well Technician (Last Name, First Name): Beatty Brian  
 Well Technician's Licence No.: 3616 Signature of Technician and/or Contractor: \_\_\_\_\_ Date Submitted: 20110706

Results of Well Yield Testing

After test of well yield, water was:  
 Clear and sand free  
 Other, specify \_\_\_\_\_

If pumping discontinued, give reason:  
 \_\_\_\_\_

Pump intake set at (m/ft): \_\_\_\_\_

Pumping rate (l/min / GPM): \_\_\_\_\_

Duration of pumping: \_\_\_\_\_ hrs + \_\_\_\_\_ min

Final water level end of pumping (m/ft): \_\_\_\_\_

If flowing give rate (l/min / GPM): \_\_\_\_\_

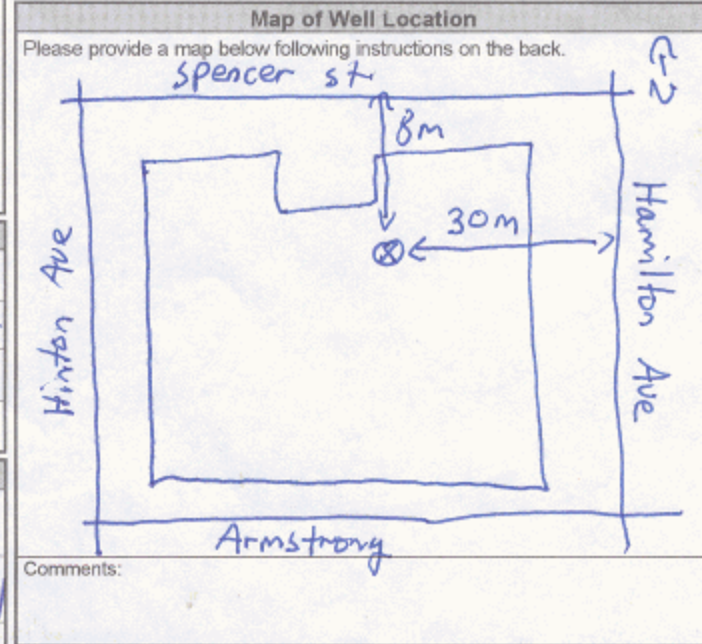
Recommended pump depth (m/ft): \_\_\_\_\_

Recommended pump rate (l/min / GPM): \_\_\_\_\_

Well production (l/min / GPM): \_\_\_\_\_

Disinfected?  Yes  No

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



Well owner's information package delivered:  Yes  No

Date Package Delivered: Y Y Y Y M M D D  
20110706

Date Work Completed: 20110706

Ministry Use Only

Audit No.: z111754  
 Received: AUG 05 2011

# Well ID

Well ID Number: 7180987

Well Audit Number: Z134685

Well Tag Number: A132244

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 22 HAMILTON 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<br>Easting: 442830.00<br>Northing: 5027746.00 |
| <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 |
|----------------|----------------------|-----------------|---------------------|------------|----------|
|                |                      |                 | CMTD                | 0 m        | .06 m    |
|                |                      |                 | GRVL                | .06 m      | .15 m    |
| BRWN           | SILT                 | SNDY            | DKCL                | .15 m      | .62 m    |
| GREY           | SILT                 |                 |                     | .62 m      | .91 m    |
| GREY           | CLAY                 | SLTY            |                     | .91 m      | 2.45 m   |
|                | BLDR                 |                 |                     | 2.45 m     | 3.7 m    |

## Annular Space/Abandonment Sealing Record

| Depth | Depth | Type of Sealant Used | Volume |
|-------|-------|----------------------|--------|
|-------|-------|----------------------|--------|

| From  | To    | (Material and Type) | Placed |
|-------|-------|---------------------|--------|
| 0 m   | 1.3 m | BENTONITE PELLETS   |        |
| 1.3 m | 3.7 m | FILTER SAND         |        |

## Method of Construction & Well Use

| Method of Construction | Well Use  |
|------------------------|-----------|
| Diamond                | Test Hole |

## Status of Well

### Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 3.5 cm          | PLASTIC               | 0 m        | 1.5 m    |

### Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.1 cm           | PLASTIC  | 1.5 m      | 3.7 m    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## 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**

---

2.52 m

## Hole Diameter

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 3.7 m    | 7.5 cm   |

**Audit Number:** Z134685

**Date Well Completed:** March 30, 2012

**Date Well Record Received by MOE:** May 17, 2012



Ministry of the Environment

Well Tag No. for Master Well (Place Sticker and/or Print Below)

ABANDONED

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Master Well Owner's and Land Owner's Information

First Name: City of Ottawa, Last Name, E-mail Address, Mailing Address: 110 Laurier Ave. West, Municipality: Ottawa, Province: On, Postal Code: K1P1S2, Telephone No.: 81662619799

Location and Construction of the Master Well in the Cluster

Address of Well Location: Holland Avenue Between Scott St and Tyndall Ave., Township, Lot, Concession, County/District/Municipality: Ottawa, Province: Ontario, Postal Code: K1Y0X9

UTM Coordinates, Zone, Easting, Northing, GPS Unit Make: Garmin, Model: Etrex, Mode of Operation: Undifferentiated, Averaged

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, 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, Rotary (Air), Driving

Status of Well

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

No Casing and Screen Used

Open Hole, Yes, No, Metres

Static Water Level Test

Screen: Galvanized, Steel, Fibreglass, Concrete, Plastic, Outside Diameter: 3.2, Slot No.: 10

Construction Details

Table with columns: Inside Diameter (Centimetres), Material, Wall Thickness, Depth (Metres) From, To

Water Details

Water found at Depth, Kind of Water, Gas, Fresh, Salty, Sulphur, Minerals

Annular Space/Abandonment Sealing Record

Table with columns: Depth Set at (Metres) From, To, Type of Sealant Used, Volume Used (Cubic Metres)

Disinfected

Disinfected: Yes, No, Date Master Well Completed

Cluster Information

Total Wells in Cluster: 8, Total Wells on this Property, Please indicate Number of Cluster Well 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"). 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

Well Contractor and Well Technician Information

Business Name of Well Contractor: Marathon Drilling Co. Ltd., Well Contractor's Licence No.: 6894, Business Address: 6897 Mivam Dr., Ottawa, Province: Ontario, Postal Code: K1P1A7, Business E-mail Address: jschell@marathondrilling.com, Bus. Telephone No.: 6138220571, Name of Well Technician: Matthew Webb, Well Technician's Licence No.: 3279, Date Submitted: July 26th/2012

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

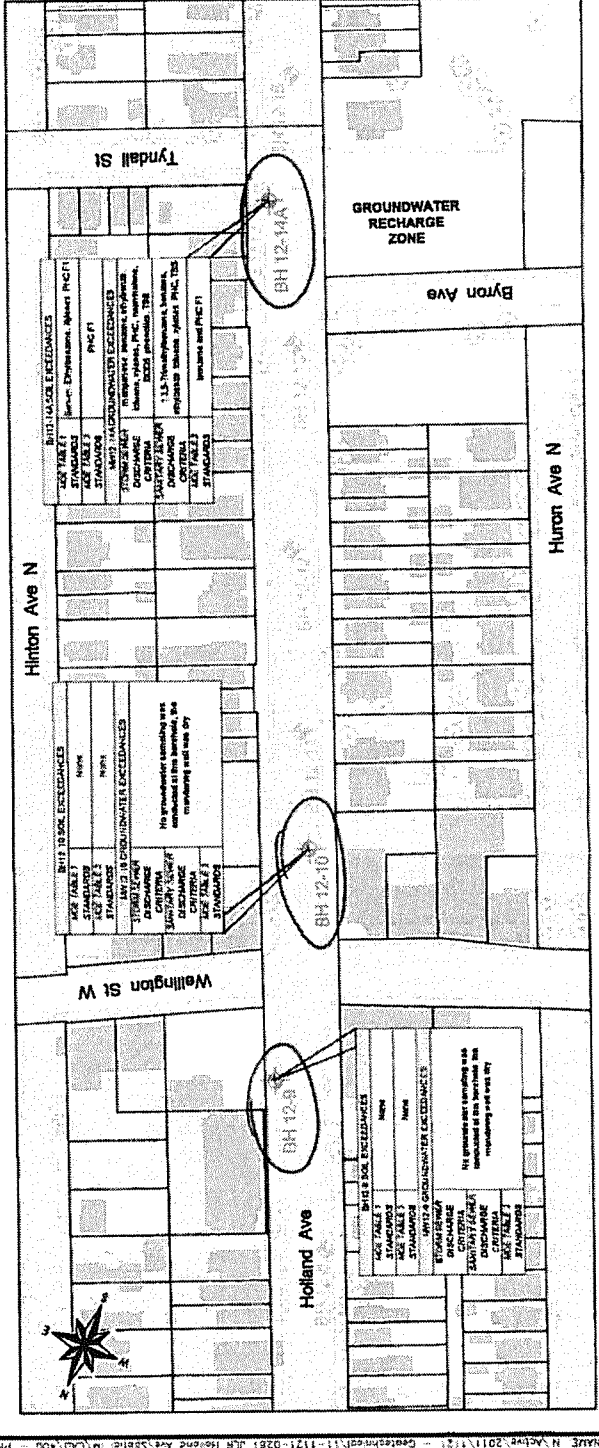
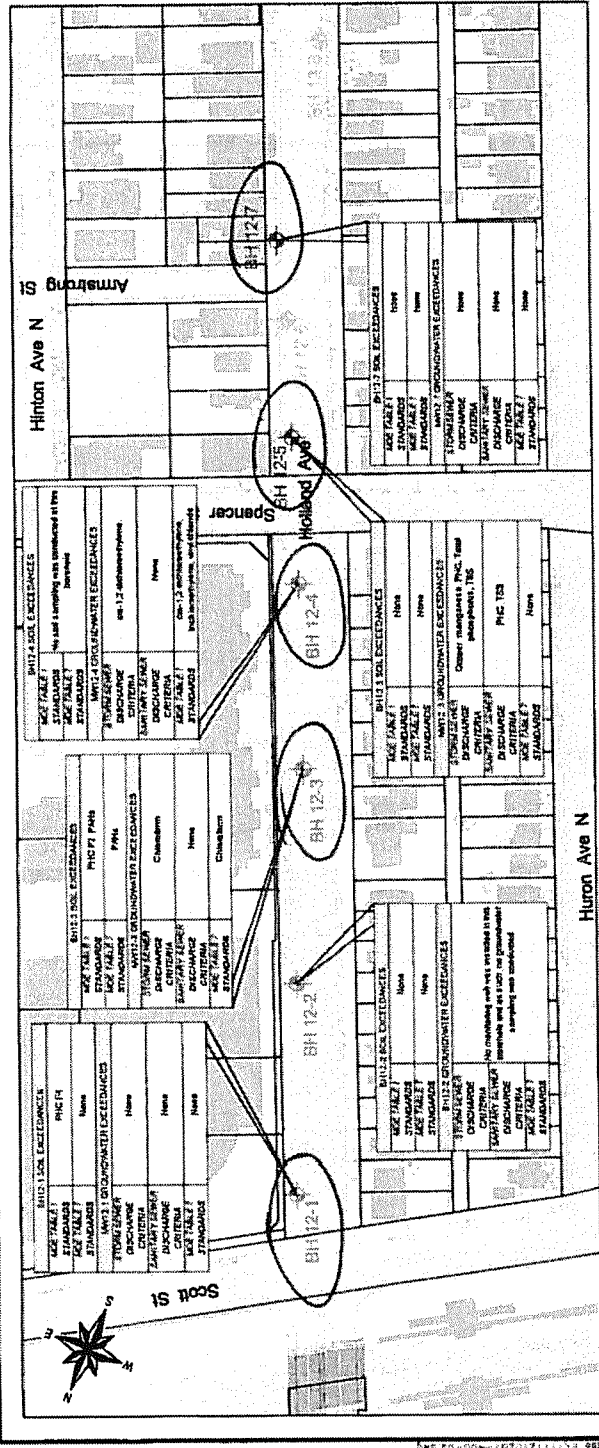
Signature, Date

Ministry Use Only

Audit No.: M 05028, Well Contractor No., Date Received: JUL 31 2012, Date of Inspection, Remarks

JUL 3 1 2012

**LEGEND**  
 \* APPROXIMATE LOCATION OF GEO-ENVIRONMENTAL BOREHOLES  
 \* APPROXIMATE LOCATION OF ENVIRONMENTAL BOREHOLES  
 \* APPROXIMATE LOCATION OF GEOTECHNICAL BOREHOLES



REFERENCE  
 BASE MAP PROVIDED IN ELECTRONIC FORMAT BY THE CITY OF OTTAWA

NOTE  
 THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOULDER ASSOCIATES LTD. REPORT NO. 11-121-028/1400

PROJECT  
 PHASE II ESA - HOLLAND AVENUE WATERMAIN AND SANITARY SEWER REPLACEMENT

TITLE  
 APPROXIMATE BOREHOLE LOCATION AND SOIL AND GROUNDWATER EXCEEDANCES

|               |            |          |                 |
|---------------|------------|----------|-----------------|
| PROJECT No.   | 11-121-028 | FILE No. | 11-121-028/1400 |
| DRAWN BY      | US         | SCALE    | 1:1,600 (REV.)  |
| CHECKED BY    | US         | DATE     | 11/20/11        |
| DESIGNED BY   | US         | PROJECT  |                 |
| DATE          | 11/20/11   |          |                 |
| NO. OF SHEETS | 2          |          |                 |



C-6894  
 m05028

# Well ID

Well ID Number: 7192834

Well Audit Number: Z157158

Well Tag Number: A135055

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 7 HINTON 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<br>Easting: 442662.00<br>Northing: 5027814.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | LOAM                        | SOFT                   | LOOS                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        |                        | HARD                       | 1.52 m            | 6.1 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | FLUSHMOUNT                                      |                      |
| .31 m             | 2.74 m          | BENTONITE                                       |                      |

2.74 m 6.1 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | 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        | 3.1 m    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 2.13 m   | 11.43 cm |
| 2.13 m     | 6.1 m    | 7.62 cm  |

**Audit Number:** Z157158

**Date Well Completed:** November 17, 2012

**Date Well Record Received by MOE:** December 04, 2012

# Well ID

Well ID Number: 7192835  
Well Audit Number: Z157157  
Well Tag Number: A135054

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 7 MINTON 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<br>Easting: 442677.00<br>Northing: 5027812.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | LOAM                        | SOFT                   | LOOS                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        |                        | HARD                       | 1.52 m            | 6.1 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | FLUSHMONT                                       |                      |
| .31 m             | 2.74 m          | BENTONITE                                       |                      |

2.74 m 6.1 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.05 cm         | PLASTIC               | 0 m        | 3.1 m    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 2.13 m      | 11.43 cm |
| 2.13 m        | 6.1 m       | 7.62 cm  |

**Audit Number:** Z157157

**Date Well Completed:** November 14, 2012

**Date Well Record Received by MOE:** December 04, 2012

# Well ID

Well ID Number: 7192836

Well Audit Number: Z154401

Well Tag Number: A133466

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 7 HINTON 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<br>Easting: 442761.00<br>Northing: 5027846.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        |                        | HARD                       | 0 m               | .31 m           |
| GREY                  | GRVL                        |                        | LOOS                       | .31 m             | .61 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .61 m             | 2.44 m          |
| GREY                  | SAND                        | SILT                   | GRVL                       | 2.44 m            | 3.66 m          |
| GREY                  | LMSN                        |                        | HARD                       | 3.66 m            | 6.1 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
|-------------------|-----------------|---|----------------------|

0 m .31 m CONCRETE/FLUSHMOUNT  
.31 m 4.27 m BENTONITE  
4.27 m 6.1 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Diamond                | 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        | 4.57 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 4.57 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 3.66 m      | 8.25 cm  |
| 3.66 m        | 6.1 m       | 5.71 cm  |

**Audit Number:** Z154401

**Date Well Completed:** November 17, 2012

**Date Well Record Received by MOE:** December 04, 2012

Well Tag No. of Deepest Well: (Print Well Tag No.)  
**A122972**  
 Well # on Drawing of Deepest Well: **E-3**

All measurements recorded in:  Metric  Imperial

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

| 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  |  | <input checked="" type="checkbox"/> Land Owner Consent Form must be attached.<br><input checked="" type="checkbox"/> Detailed Drawing of All Well Locations must be attached.<br>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. |
| City, Town, Village or Hamlet   |  | Province | GPS Unit Make | Model               | Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged<br><input type="checkbox"/> Differentiated, specify: _____ |  |  |
| 233 ARMSTRONG ST.   |  |          |               |                     |  |  | Signature of Technician/Contractor _____<br>Date (yyyy/mm/dd) _____  |
| OTTAWA  |  | Ontario  | GARMEN        | ETREX               |  |  |  |

| 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            | Eastings      |                   |                       |                        |                                   | Northing      | From | To                     | From | To                            | From   | To  |  |                           |                                 |
| VP 12-02          | 18              | 4428225027835 | 1.3               | 8.9                   | Geo Probe              | 3.2                               | 0             | 0.95 | 0.95                   | 1.3  | 0.3                           | 0.9    | bedstone  | asphaltic concrete, brown sand & gravel, some clay                 | N/A                       | 12/4/17                         |
| VP 12-03          | 18              | 4428455027875 | 1.3               | 8.9                   | Geo Probe              | 3.2                               | 0             | 1.0  | 1.0                    | 1.3  | 0.3                           | 0.8    | bedstone  | asphaltic concrete, brown sand & gravel, some clay                 | N/A                       | 12/4/17                         |
| VP 12-01          | 18              | 4428475027869 | 1.2               | 8.9                   | Geo Probe              | 3.2                               | 0             | 0.9  | 0.9                    | 1.2  | 0.3                           | 0.8    | bedstone  | asphaltic concrete, brown sand & gravel (fill)                     | N/A                       | 12/4/17                         |
| E-4               | 18              | 4428485027875 | 11                | 10.16                 | Diamond                | 7.6                               | 0             | 2.5  | open hole              | 0    | 2.5                           | Cement | overburden; limestone, dolostone, limestone, siltstone, sandstone | N/A  | 12/4/12                   |                                 |
| E-3               | 18              | 4428475027877 | 11                | 10.16                 | Diamond                | 7.6                               | 0             | 2.5  | open hole              | 0    | 2.5                           | Cement | overburden; limestone, dolostone, limestone, siltstone, sandstone | N/A  | 12/4/12                   |                                 |
| E-2               | 18              | 4428365027893 | 11                | 10.16                 | Diamond                | 7.6                               | 0             | 2.5  | open hole              | 0    | 2.5                           | Cement | overburden; limestone, dolostone, limestone, siltstone, sandstone | N/A  | 12/4/18                   |                                 |

| 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   |                                     | Date Received (yyyy/mm/dd) | Audit No. |
| George Downing Estate Drilling LTD              |                    | 410 Rue Principale                        |                              | Grenville-sur-la-Rouge   |                             | QC   |                                     | 2012/4/12                  | 2012/4/18 |
| Postal Code                                     | Bus. Telephone No. | Well Contractor's Licence No.             | Business E-mail Address      |  |                             | <b>Well Abandonment</b><br>Person Abandoning the Wells:<br><br>Name _____<br>(Print or Type) - See instruction 11 on the back of this form |                                     |                            |           |
| J0N 1B0   | 819-242-6469       | 1844                                      | downing@hawk.igs.net         |  |                             |  |                                     |                            |           |
| Name of Well Technician (First Name, Last Name) |                    | Well Technician's Licence No.             | Signature of Well Technician |  | Date Submitted (yyyy/mm/dd) |  | Comments:<br>APR 17 2013<br>C 20576 |                            |           |
| Stephen Downing                                 |                    | 3326                                      |                              |  |                             |  |                                     |                            |           |

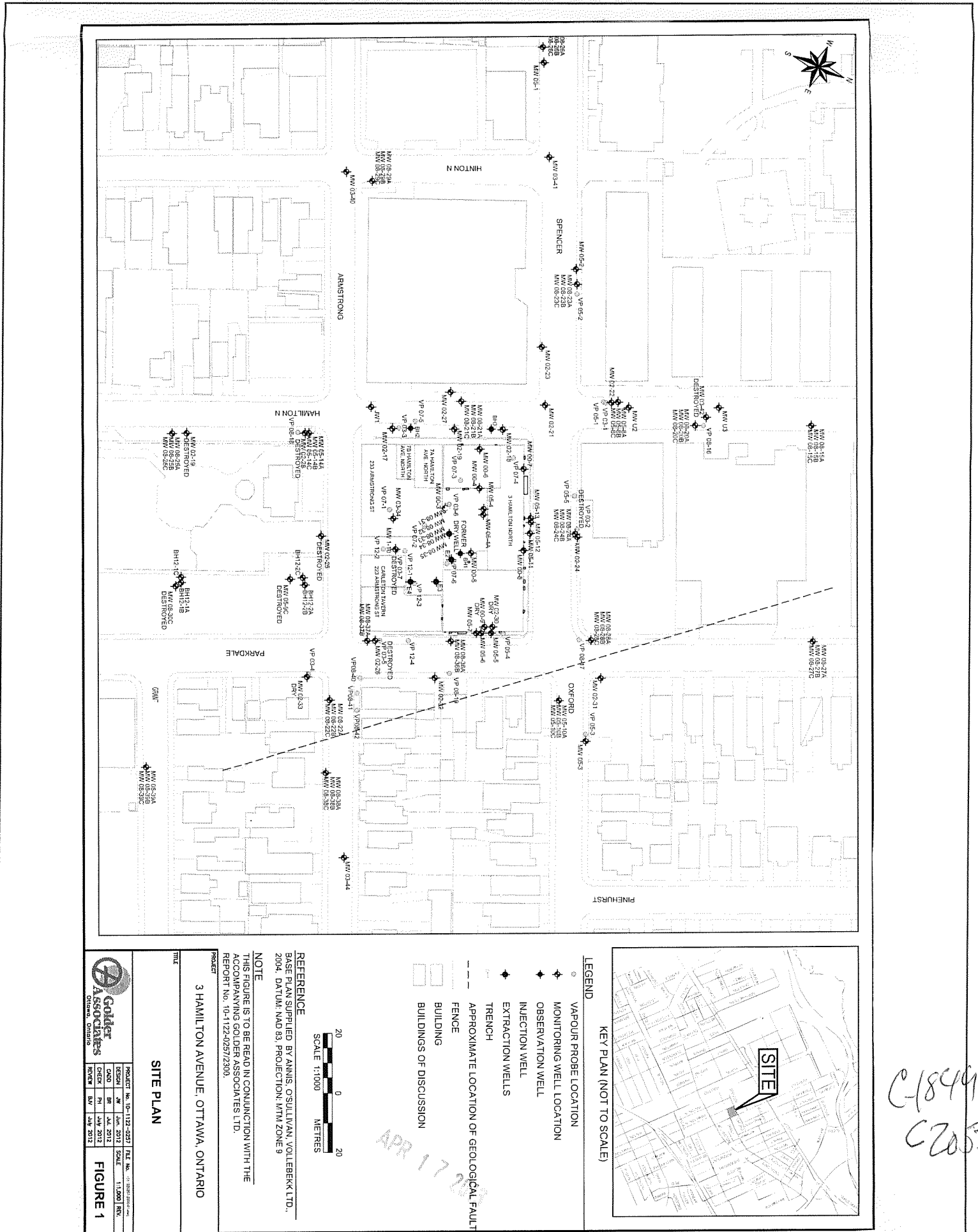


**Note:** This **Well Record for Well Cluster Part 3 - Detailed Drawing of all Well Locations**, must be attached to Parts 1 and 2. The drawing must include all property boundaries, an arrow indicating the North direction, all named roads and sufficient measurements to locate all wells in the cluster 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: # A122972

"Well Record for Well Cluster" Form Audit Number: # E3 C 20576



**REFERENCE**  
BASE PLAN SUPPLIED BY AMNIS, OSULLIVAN, VOLLEBECK LTD., 2004, DATUM: NAD 83, PROJECTION: NAD 83 ZONE 9

**NOTE**  
THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDFER ASSOCIATES LTD. REPORT NO. 10-1122-0257/2300.

**PROJECT**  
3 HAMILTON AVENUE, OTTAWA, ONTARIO

**SCALE**  
SCALE 1:1000 METRES

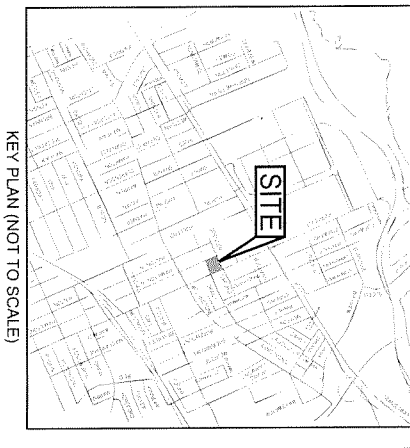
**SITE PLAN**

|             |              |          |                     |
|-------------|--------------|----------|---------------------|
| PROJECT NO. | 10-1122-0257 | FILE NO. | 07-0000000000000000 |
| DESIGN BY   | AMNIS        | SCALE    | 1:1000 (REV.)       |
| ISSUED BY   | AMNIS        | DATE     | APR 17 2012         |
| REVISED BY  | AMNIS        | DATE     | APR 17 2012         |

**FIGURE 1**

**LEGEND**

- VAPOUR PROBE LOCATION
- ◆ MONITORING WELL LOCATION
- ◆ OBSERVATION WELL
- ◆ INJECTION WELL
- ◆ EXTRACTION WELLS
- TRENCH
- - - APPROXIMATE LOCATION OF GEOLOGICAL FAULT
- ▬ FENCE
- ▭ BUILDING
- ▭ BUILDINGS OF DISCUSSION



C-1849  
C20576

## Well ID

Well ID Number: 7203872  
Well Audit Number: C15836  
Well Tag Number: A122970

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

## Well Location

---

### Address of Well Location

|                 |             |
|-----------------|-------------|
| <b>Township</b> | OTTAWA CITY |
|-----------------|-------------|

|            |  |
|------------|--|
| <b>Lot</b> |  |
|------------|--|

|                   |  |
|-------------------|--|
| <b>Concession</b> |  |
|-------------------|--|

|                                     |                 |
|-------------------------------------|-----------------|
| <b>County/District/Municipality</b> | OTTAWA-CARLETON |
|-------------------------------------|-----------------|

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

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

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

|                        |   |
|------------------------|---|
| <b>UTM Coordinates</b> | NAD83 — Zone 18<br>Easting: 442878.00<br>Northing: 5027806.00 |
|------------------------|---|

|   |  |
|---|--|
| <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 |
|------------|----------|--|---------------|
|------------|----------|--|---------------|

---

## Method of Construction & Well Use

**Method of Construction**   **Well Use**

---

## Status of Well

## Construction Record - Casing

---

| <b>Inside Diameter</b> | <b>Open Hole or material</b> | <b>Depth From</b> | <b>Depth To</b> |
|------------------------|------------------------------|-------------------|-----------------|
|------------------------|------------------------------|-------------------|-----------------|

---

## Construction Record - Screen

---

| <b>Outside Diameter</b> | <b>Material</b> | <b>Depth From</b> | <b>Depth To</b> |
|-------------------------|-----------------|-------------------|-----------------|
|-------------------------|-----------------|-------------------|-----------------|

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 1844

## Results of Well Yield Testing

---

**After test of well yield, water was**

---

**If pumping discontinued, give reason**

---

**Pump intake set at**

---

**Pumping Rate**

---

**Duration of Pumping**

---

**Final water level**

---

**If flowing give rate**

---

**Recommended pump depth**

---

**Recommended pump rate**

---

**Well Production**

---

**Disinfected?**

---

## **Draw Down & Recovery**

---

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

---

SWL

|    |  |    |  |
|----|--|----|--|
| 1  |  | 1  |  |
| 2  |  | 2  |  |
| 3  |  | 3  |  |
| 4  |  | 4  |  |
| 5  |  | 5  |  |
| 10 |  | 10 |  |
| 15 |  | 15 |  |
| 20 |  | 20 |  |
| 25 |  | 25 |  |
| 30 |  | 30 |  |
| 40 |  | 40 |  |
| 45 |  | 45 |  |
| 50 |  | 50 |  |
| 60 |  | 60 |  |

## **Water Details**

---

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

---

## **Hole Diameter**

---

| <b>Depth From</b> | <b>Depth To</b> | <b>Diameter</b> |
|-------------------|-----------------|-----------------|
|-------------------|-----------------|-----------------|

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**Audit Number:** C15836

**Date Well Completed:** March 08, 2012

**Date Well Record Received by MOE:** June 25, 2013

A142507

Measurements recorded in:  Metric  Imperial

**Well Owner's Information**

First Name: \_\_\_\_\_ Last Name / Organization: **TAGGART INVESTMENTS** E-mail Address: \_\_\_\_\_  Well Constructed by Well Owner

Mailing Address (Street Number/Name): **3187 ALBION ROAD SOUTH** Municipality: **OTTAWA** Province: **ON** Postal Code: \_\_\_\_\_ Telephone No. (inc. area code): \_\_\_\_\_

**Well Location**

Address of Well Location (Street Number/Name): **1156 WELLINGTON STREET WEST** Township: \_\_\_\_\_ Lot: \_\_\_\_\_ Concession: \_\_\_\_\_

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

UTM Coordinates: Zone **18** Easting **442968** Northing **5027723** Municipal Plan and Sublot Number: \_\_\_\_\_ Other: \_\_\_\_\_

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

| General Colour | Most Common Material | Other Materials                   | General Description | Depth (m/ft) From | Depth (m/ft) To |
|----------------|----------------------|-----------------------------------|---------------------|-------------------|-----------------|
| n/a            | ASPHALTIC CONCRETE   | CRUSHED STONE, SAND, GRAVEL       |                     | 0                 | 0.69            |
| BROWN          | FILL                 | SILTY SAND, GRAVEL, COBBLE, BRICK |                     | 0.69              | 1.80            |
| GREY           | BEDROCK (LIMESTONE)  |                                   |                     | 1.80              | 7.65            |
|                |                      |                                   | END OF BOREHOLE     |                   |                 |

**Annular Space**

| Depth Set at (m/ft) From | Depth Set at (m/ft) To | Type of Sealant Used (Material and Type) | Volume Placed (m³/ft³) |
|--------------------------|------------------------|--|------------------------|
| 0                        | 1.1                    | CEMENT                                   |                        |
| 1.1                      | 3.3                    | BENTONITE                                |                        |

**Method of Construction**

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

**Well Use**

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

**Construction Record - Casing**

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |      | Status of Well   |
|-------------------------|--|------------------------|--------------|------|--|
|                         |  |                        | From         | To   |  |
| 3.25                    | PVC  | SCHED 40               | 0            | 4.81 | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input checked="" type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input type="checkbox"/> Abandoned, other, specify _____<br><input type="checkbox"/> Other, specify _____ |
| 1.14                    |  |                        |              |      |  |

**Construction Record - Screen**

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |      | Status of Well                                |
|--------------------------|---------------------------------------|----------|--------------|------|---|
|                          |                                       |          | From         | To   |   |
| 4.21                     | PVC                                   | 10       | 4.81         | 7.65 | <input type="checkbox"/> Other, specify _____ |
|                          |                                       |          |              |      |   |

**Water Details**

| Water found at Depth (m/ft) | Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____ | Hole Diameter Depth (m/ft) From | Hole Diameter Depth (m/ft) To | Hole Diameter (cm/in) |
|-----------------------------|--|---------------------------------|-------------------------------|-----------------------|
| 3.53                        |  | 0                               | 1.80                          | 20.3                  |
|                             |  | 1.80                            | 7.65                          | 7.6                   |

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: **EASTERN ONTARIO DIAMOND DRILLING** Well Contractor's Licence No.: **7131218**

Business Address (Street Number/Name): **3780 COUNTY ROAD 17, P.O. Box 33** Municipality: **HAWKESBURY**

Province: **ON** Postal Code: **K1G1A2R4** Business E-mail Address: **ontariodiamond@hawk.igs.net**

Bus. Telephone No. (inc. area code): **6136327769** Name of Well Technician (Last Name, First Name): **STEPHEN DOWNING**

Well Technician's Licence No.: **3326** Signature of Technician and/or Contractor: \_\_\_\_\_ Date Submitted: **20130620**

**Results of Well Yield Testing**

After test of well yield, water was:  Clear and sand free  Other, specify \_\_\_\_\_

If pumping discontinued, give reason: \_\_\_\_\_

Pump intake set at (m/ft): \_\_\_\_\_

Pumping rate (l/min / GPM): \_\_\_\_\_

Duration of pumping: \_\_\_\_\_ hrs + \_\_\_\_\_ min

Final water level end of pumping (m/ft): \_\_\_\_\_

If flowing give rate (l/min / GPM): \_\_\_\_\_

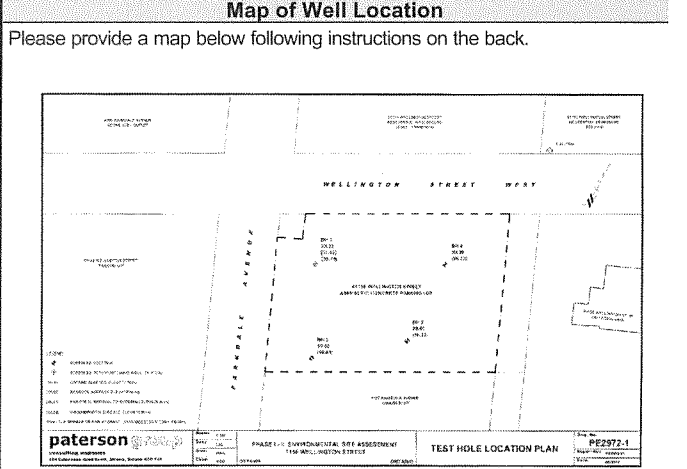
Recommended pump depth (m/ft): \_\_\_\_\_

Recommended pump rate (l/min / GPM): \_\_\_\_\_

Well production (l/min / GPM): \_\_\_\_\_

Disinfected?  Yes  No

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



Comments: **ALSO SEE ATTACHED (ENLARGED)**

Well owner's information package delivered:  Yes  No

Date Package Delivered: **20130430**

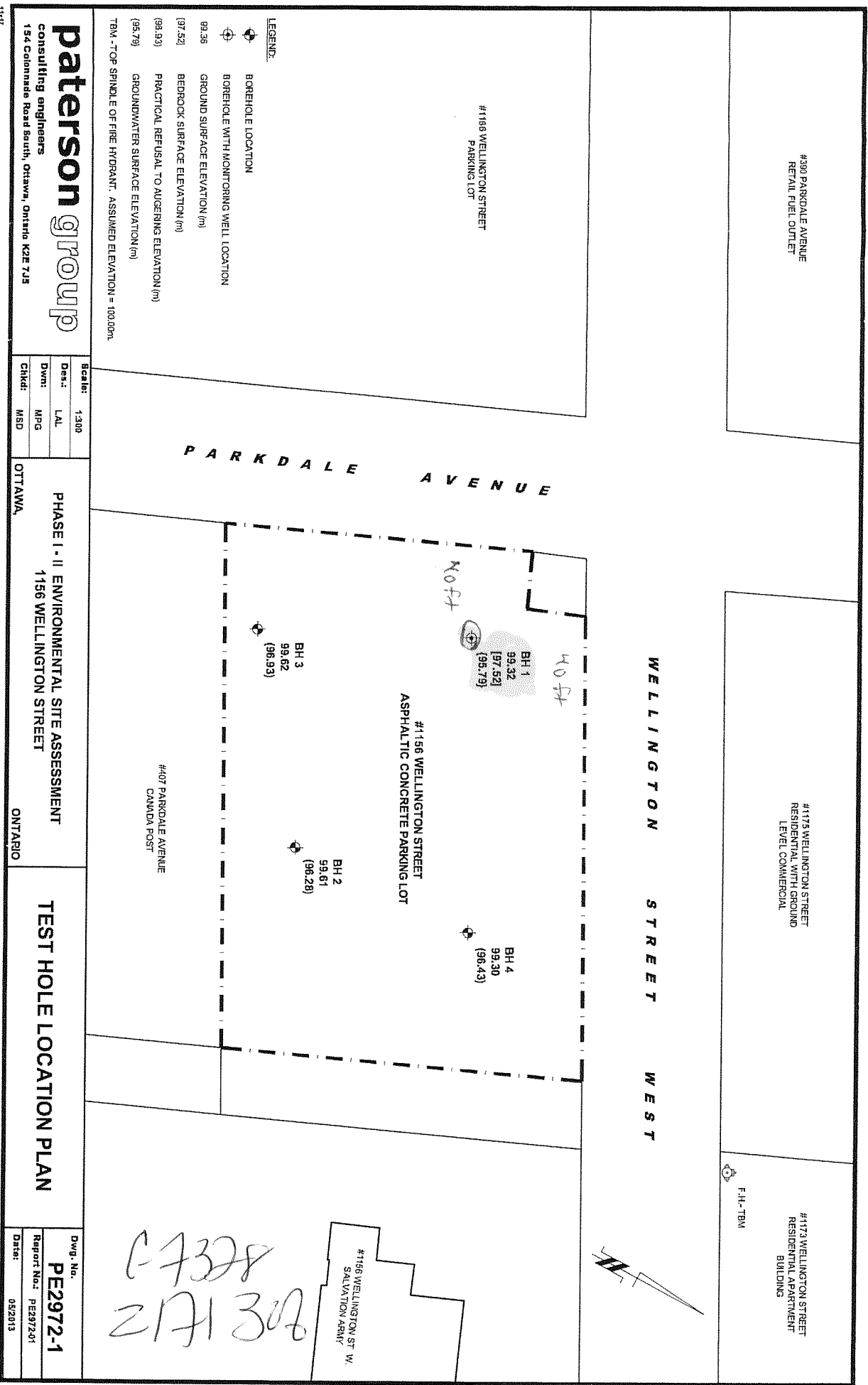
Date Work Completed: **20130430**

**Ministry Use Only**

Audit No.: **Z171306**

Received: **JUN 25 2013**

JUN 25 2013



**paterson group**  
 consulting engineers  
 154 Colonnade Road South, Ottawa, Ontario K2E 7J5

Scale: 1:300  
 Des.: LAL  
 Dwn: MPG  
 Chkd: MSD

PHASE I - II ENVIRONMENTAL SITE ASSESSMENT  
 1156 WELLINGTON STREET  
 OTTAWA, ONTARIO

**TEST HOLE LOCATION PLAN**

Dwg. No. **PE2972-1**  
 Report No.: PE2972-01  
 Date: 05/20/13

N/A

Measurements recorded in:  Metric  Imperial

**Well Owner's Information**

First Name: CITY OF OTTAWA Last Name / Organization: C/O Colantti Group E-mail Address:  Well Constructed by Well Owner  
 Mailing Address (Street Number/Name): 2562 Delzotto Avenue Municipality: Ottawa Ont Province: K1T 3V7 Telephone No. (inc. area code):

**Well Location**

Address of Well Location (Street Number/Name): # 47 HARMER AVENUE N. Ottawa Township: Ottawa Lot: Concession:  
 County/District/Municipality: Ottawa-Corleton City/Town/Village: Ottawa Province: Ontario Postal Code:  
 UTM Coordinates Zone: 18 Easting: 442568 Northing: 5027542 Municipal Plan and Sublot Number: PLAN 157 Lot 1975 Harmer E Other:

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

| General Colour   | Most Common Material | Other Materials | General Description | Depth (m/ft)<br>From | To  |
|--|----------------------|-----------------|---------------------|----------------------|-----|
|  | 2" Well Abandonment  |                 |                     | 0'                   | 17' |
| Well ID # HI Borehole - Attached<br>ID - ISD12-5149<br>PO - 13175-01 |                      |                 |                     |                      |     |

**Annular Space**

| Depth Set at (m/ft)<br>From | To | Type of Sealant Used<br>(Material and Type) | Volume Placed<br>(m <sup>3</sup> /ft <sup>3</sup> ) |
|-----------------------------|----|---|---|
| 17'                         | 0' | 3/8 Hsleplug                                | 1 Bag.  |

**Results of Well Yield Testing**

| After test of well yield, water was:<br><input type="checkbox"/> Clear and sand free<br><input type="checkbox"/> Other, specify  | Draw Down    |                    | Recovery   |                    |
|--|--------------|--------------------|------------|--------------------|
|  | Time (min)   | Water Level (m/ft) | Time (min) | Water Level (m/ft) |
| If pumping discontinued, give reason:<br><br>Pump intake set at (m/ft)<br><br>Pumping rate (l/min / GPM)<br><br>Duration of pumping<br>hrs + min<br><br>Final water level end of pumping (m/ft)<br><br>If flowing give rate (l/min / GPM)<br><br>Recommended pump depth (m/ft)<br><br>Recommended pump rate (l/min / GPM)<br><br>Well production (l/min / GPM) | Static Level |                    |            |                    |
|  | 1            |                    | 1          |                    |
|  | 2            |                    | 2          |                    |
|  | 3            |                    | 3          |                    |
|  | 4            |                    | 4          |                    |
|  | 5            |                    | 5          |                    |
|  | 10           |                    | 10         |                    |
|  | 15           |                    | 15         |                    |
|  | 20           |                    | 20         |                    |
|  | 25           |                    | 25         |                    |
|  | 30           |                    | 30         |                    |
|  | 40           |                    | 40         |                    |
|  | 50           |                    | 50         |                    |
|  | 60           |                    | 60         |                    |

**Method of Construction**

|  |                                  |   |   |                                     |
|--|----------------------------------|---|---|-------------------------------------|
| <input type="checkbox"/> Cable Tool            | <input type="checkbox"/> Diamond | <input type="checkbox"/> Public         | <input type="checkbox"/> Commercial                 | <input type="checkbox"/> Not used   |
| <input type="checkbox"/> Rotary (Conventional) | <input type="checkbox"/> Jetting | <input type="checkbox"/> Domestic       | <input type="checkbox"/> Municipal                  | <input type="checkbox"/> Dewatering |
| <input type="checkbox"/> Rotary (Reverse)      | <input type="checkbox"/> Driving | <input type="checkbox"/> Livestock      | <input type="checkbox"/> Test Hole                  | <input type="checkbox"/> Monitoring |
| <input type="checkbox"/> Boring                | <input type="checkbox"/> Digging | <input type="checkbox"/> Irrigation     | <input type="checkbox"/> Cooling & Air Conditioning |                                     |
| <input type="checkbox"/> Air percussion        |                                  | <input type="checkbox"/> Industrial     |   |                                     |
| <input type="checkbox"/> Other, specify        |                                  | <input type="checkbox"/> Other, specify |   |                                     |

**Construction Record - Casing**

| Inside Diameter (cm/in) | Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel) | Wall Thickness (cm/in) | Depth (m/ft) |    | Status of Well  |
|-------------------------|--|------------------------|--------------|----|---|
|                         |  |                        | From         | To |   |
|                         |  |                        |              |    | <input type="checkbox"/> Water Supply<br><input type="checkbox"/> Replacement Well<br><input type="checkbox"/> Test Hole<br><input type="checkbox"/> Recharge Well<br><input type="checkbox"/> Dewatering Well<br><input type="checkbox"/> Observation and/or Monitoring Hole<br><input type="checkbox"/> Alteration (Construction)<br><input type="checkbox"/> Abandoned, Insufficient Supply<br><input type="checkbox"/> Abandoned, Poor Water Quality<br><input checked="" type="checkbox"/> Abandoned, other, specify Construction<br><input type="checkbox"/> Other, specify |

**Construction Record - Screen**

| Outside Diameter (cm/in) | Material (Plastic, Galvanized, Steel) | Slot No. | Depth (m/ft) |    | Status of Well  |
|--------------------------|---------------------------------------|----------|--------------|----|---|
|                          |                                       |          | From         | To |   |
|                          |                                       |          |              |    | <input checked="" type="checkbox"/> Abandoned, other, specify Construction<br><input type="checkbox"/> Other, specify |

**Water Details**

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

**Well Contractor and Well Technician Information**

Business Name of Well Contractor: AIRROCK DRILLING CO LTD Well Contractor's Licence No.: 1119  
 Business Address (Street Number/Name): RR#1 Municipality: RICHMOND  
 Province: ONT Postal Code: K0A1Z0 Business E-mail Address:  
 Bus. Telephone No. (inc. area code): 613 883 8217 Name of Well Technician (Last Name, First Name): Desautels Ian  
 Well Technician's Licence No.: TT4 Signature of Technician and/or Contractor: Date Submitted: 20130830

**Map of Well Location**

Please provide a map below following instructions on the back.

Wellington Street

250'

#47 HARMER AVE NORTH

Comments:

|   |                                  |                               |
|---|----------------------------------|-------------------------------|
| Well owner's information package delivered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Date Package Delivered: 20130807 | Date Work Completed: 20130807 |
|---|----------------------------------|-------------------------------|

**Ministry Use Only**

Audit No: z 155194  
 Received: OCT 10 2013

# Well ID

Well ID Number: 7220783

Well Audit Number: Z171271

Well Tag Number: NO\_TAG

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 233 ARMSTRONG   |
| <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<br>Easting: 442825.00<br>Northing: 5027883.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | SAND                        | GRVL                   | FILL                       | 0 m               | .59 m           |
| GREY                  | LMSN                        |                        | ROCK                       | .59 m             | 22.86 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | 20.8 m          | BENTONITE                                       |                      |

# Method of Construction & Well Use

| Method of Construction | Well Use   |
|------------------------|------------|
| Diamond                | Monitoring |

## Status of Well

Observation Wells

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 3.1 cm          | PLASTIC               | 0 m        | 21 m     |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 3.8 cm           | PLASTIC  | 21 m       | 22.86 m  |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7328

## Results of Well Yield Testing

|   |
|---|
| <b>After test of well yield, water was</b>  |
| <b>If pumping discontinued, give reason</b> |
| <b>Pump intake set at</b>                   |
| <b>Pumping Rate</b>                         |
| <b>Duration of Pumping</b>                  |
| <b>Final water level</b>                    |

**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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 11.8 m              | 12.7 cm         |
| 11.8 m                | 20 m                | 10.16 cm        |
| 20 m                  | 22.86 m             | 7.6 cm          |

**Audit Number:** Z171271

**Date Well Completed:** November 30, 2012

**Date Well Record Received by MOE:** May 27, 2014

# Well ID

Well ID Number: 7232120

Well Audit Number: Z186915

Well Tag Number: A169736

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1195 WELLINGTON ST W  |
| <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<br>Easting: 442877.00<br>Northing: 5027726.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | LOOS                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 3.66 m          |
| GREY                  | SILT                        | GRVL                   | SOFT                       | 3.66 m            | 4.88 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE /FLUSHMOUNT                            |                      |
| .31 m             | 1.52 m          | BENTONITE                                       |                      |

1.52 m 4.8 m FILTER 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        | 1.83 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 4.88 m   | 8.25 cm  |

**Audit Number:** Z186915

**Date Well Completed:** October 15, 2014

**Date Well Record Received by MOE:** November 21, 2014

# Well ID

Well ID Number: 7232121  
Well Audit Number: Z186906  
Well Tag Number: A169735

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1195 WELLINGTON ST W  |
| <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<br>Easting: 442883.00<br>Northing: 5027722.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | LOOS                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 3.66 m          |
| GREY                  | SILT                        | GRVL                   | SOFT                       | 3.66 m            | 4.88 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE /FLUSHMOUNT                            |                      |
| .31 m             | 1.52 m          | BENTONITE                                       |                      |

1.52 m 4.88 m FILTER 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        | 1.83 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 4.88 m      | 8.25 cm  |

**Audit Number:** Z186906

**Date Well Completed:** October 15, 2014

**Date Well Record Received by MOE:** November 21, 2014

# Well ID

Well ID Number: 7232122  
Well Audit Number: Z186907  
Well Tag Number: A157947

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1195 WELLINGTON ST W  |
| <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<br>Easting: 442879.00<br>Northing: 5027733.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | LOOS                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 3.66 m          |
| GREY                  | SILT                        | GRVL                   | SOFT                       | 3.66 m            | 5.18 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE / FLUSHMOUNT                           |                      |
| .31 m             | 1.52 m          | BENTONITE                                       |                      |

1.52 m 5.18 m FILTER 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        | 2.13 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 cm          | PLASTIC  | 2.13 m     | 5.18 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 5.18 m              | 8.25 cm         |

**Audit Number:** Z186907

**Date Well Completed:** October 16, 2014

**Date Well Record Received by MOE:** November 21, 2014

# Well ID

Well ID Number: 7245116

Well Audit Number: Z209044

Well Tag Number: A175644

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1272 WELLINGTON STREET WEST                                   |
| <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<br>Easting: 442539.00<br>Northing: 5027552.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | GRVL                        | SAND                   | LOOS                       | 0 m               | .61 m           |
| BRWN                  | SAND                        | GRVL                   | HARD                       | .61 m             | 3.66 m          |
| BRWN                  | CLAY                        | SILT                   | SOFT                       | 3.66 m            | 4.27 m          |
| GREY                  | CLAY                        | SILT                   | SOFT                       | 4.27 m            | 6.1 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 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 and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 3.1 m    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 6.1 m               | 8.25 cm         |

**Audit Number:** Z209044

**Date Well Completed:** June 17, 2015

**Date Well Record Received by MOE:** July 21, 2015

# Well ID

Well ID Number: 7256521  
Well Audit Number: Z222432  
Well Tag Number: A173822

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1247 WELLINGTON ST W  |
| <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<br>Easting: 442652.00<br>Northing: 5027635.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  |                             | GRVL                   |                            | 0 m               | .31 m           |
| BRWN                  | SAND                        | SILT                   |                            | .31 m             | 2.44 m          |
| GREY                  | SILT                        | SAND                   | SOFT                       | 2.44 m            | 3.1 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE / FLUSHMOUNT                           |                      |
| .31 m             | 1.22 m          | BENTONTE  |                      |

1.22 m 3.1 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use |
|------------------------|----------|
| Direct Push            |          |

## Status of Well

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 3.45 cm         | PLASTIC               | 0 m        | 1.52 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 1.52 m     | 3.1 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 3.1 m               | 5.71 cm         |

**Audit Number:** Z222432

**Date Well Completed:** November 30, 2015

**Date Well Record Received by MOE:** January 21, 2016

# Well ID

Well ID Number: 7256522

Well Audit Number: Z215183

Well Tag Number: A186742

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1247 WELLINGTON 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<br>Easting: 442632.00<br>Northing: 5027625.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | STNS                   | SOFT                       | .31 m             | 2.44 m          |
| GREY                  | SILT                        | CLAY                   | SOFT                       | 2.44 m            | 5.49 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE/FLUSHMOUNT                             |                      |
| .31 m             | 2.13 m          | BENTONITE                                       |                      |

2.13 m 5.49 m SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 2.44 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 cm          | PLASTIC  | 2.44 m     | 5.49 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 5.49 m   | 8.25 cm  |

**Audit Number:** Z215183

**Date Well Completed:** November 30, 2015

**Date Well Record Received by MOE:** January 21, 2016

# Well ID

Well ID Number: 7256523

Well Audit Number: Z215184

Well Tag Number: A186743

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1247 WELLINGTON ST W  |
| <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<br>Easting: 442643.00<br>Northing: 5027613.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | STNS                   | SOFT                       | .31 m             | 3.1 m           |
| GREY                  | SILT                        | CLAY                   | SOFT                       | 3.1 m             | 6.4 m           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE/ FLSHMOUNT                             |                      |
| .31 m             | 3.1 m           | BENTONITE                                       |                      |

3.1 m 6.4 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 3.35 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 6.4 m    | 8.25 cm  |

**Audit Number:** Z215184

**Date Well Completed:** November 30, 2015

**Date Well Record Received by MOE:** January 21, 2016

# Well ID

Well ID Number: 7256524

Well Audit Number: Z215185

Well Tag Number: A186744

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1247 WELLINGTON ST W  |
| <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<br>Easting: 442641.00<br>Northing: 5027607.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | STNS                   | SOFT                       | .31 m             | 2.44 m          |
| GREY                  | SILT                        | CLAY                   | SOFT                       | 2.44 m            | 6.71 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE/ FLISHMOUNT                            |                      |
| .31 m             | 3.35 m          | BENTONITE                                       |                      |

3.35 m 6.71 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 3.66 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 cm          | PLASTIC  | 3.66 m     | 6.71 m   |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 6.71 m      | 8.25 cm  |

**Audit Number:** Z215185

**Date Well Completed:** November 30, 2015

**Date Well Record Received by MOE:** January 21, 2016

# Well ID

Well ID Number: 7275421

Well Audit Number: Z238041

Well Tag Number: A191054

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 2323 RIVERSIDE DR   |
| <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<br>Easting: 442839.00<br>Northing: 5027889.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  |                             | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | GRVL                   | SOFT                       | .31 m             | 1.82 m          |
| BLCK                  | CLAY                        | SILT                   | DNSE                       | 1.82 m            | 4.57 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE  |                      |
| .31 m             | 1.22 m          | BENTONITE                                       |                      |

1.22 m 4.57 m LITTER 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               | 0 m        | 1.52 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 6.03 cm          | PLASTIC  | 1.52 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 4.57 m   | 15.23 cm |

**Audit Number:** Z238041

**Date Well Completed:** October 18, 2016

**Date Well Record Received by MOE:** November 22, 2016

# Well ID

Well ID Number: 7275422

Well Audit Number: Z238042

Well Tag Number: A191053

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 2323 RIVERSIDE 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<br>Easting: 442839.00<br>Northing: 5027884.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | SAND                        | GRVL                   |                            | 0 m               | 1.22 m          |
| BRWN                  | SAND                        | CLAY                   |                            | 1.22 m            | 3.1 m           |
| BLCK                  | SAND                        | CLAY                   |                            | 3.1 m             | 4.27 m          |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE  |                      |
| .31 m             | .91 m           | BENTONITE                                       |                      |

.91 m 4.27 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        | 1.22 m   |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 6.03 cm          | PLASTIC  | 1.22 m     | 4.27 m   |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 4.27 m   | 15.23 cm |

**Audit Number:** Z238042

**Date Well Completed:** October 18, 2016

**Date Well Record Received by MOE:** November 22, 2016

# Well ID

Well ID Number: 7276808

Well Audit Number: Z238043

Well Tag Number: A191087

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 366 ARMSTRONG 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<br>Easting: 442839.00<br>Northing: 5027884.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | FILL                        |                        | LOOS                       | 0 m               | 1.5 m           |
| BRWN                  | SAND                        | CLAY                   | SOFT                       | 1.5 m             | 2.44 m          |
| GREY                  | LMSN                        |                        |                            | 2.44 m            | 22.32 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE/ FLUSHMOUNT                            |                      |
| .31 m             | 17.07 m         | GROUT SLURRY                                    |                      |

17.07 m 18.55 m BENTONITE PELLETS  
18.55 m 22.32 m SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Diamond                | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 19.22 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 cm          | PLASTIC  | 19.22 m    | 22.32 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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 m        | 3.1 m    | 11.9 cm  |
| 3.1 m      | 12 m     | 9 cm     |
| 12 m       | 22.32 m  | 7.1 cm   |

**Audit Number:** Z238043

**Date Well Completed:** October 17, 2016

**Date Well Record Received by MOE:** December 12, 2016

# Well ID

Well ID Number: 7276809

Well Audit Number: Z238044

Well Tag Number: A191126

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 231 ARMSTRONG   |
| <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<br>Easting: 442872.00<br>Northing: 5027872.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | GRVL                        |                        | LOOS                       | 0 m               | .31 m           |
| BRWN                  | FILL                        |                        | SOFT                       | .31 m             | 1.22 m          |
| GREY                  | LMSN                        |                        |                            | 1.22 m            | 22.32 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE/ FLUSHMOUNT                            |                      |
| .31 m             | 17.07 m         | GROUT SLURRY                                    |                      |

17.07 m 18.55 m BENTONITE PELLETS  
18.55 m 22.32 m SAND

## Method of Construction & Well Use

---

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Diamond                | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

---

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 19.22 m  |

## Construction Record - Screen

---

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.82 cm          | PLASTIC  | 19.22 m    | 22.32 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 1.83 m              | 11.4 cm         |
| 1.83 m                | 12 m                | 9 cm            |
| 12 m                  | 22.32 m             | 7.1 cm          |

**Audit Number:** Z238044

**Date Well Completed:** October 12, 2016

**Date Well Record Received by MOE:** December 12, 2016

# Well ID

Well ID Number: 7315271  
Well Audit Number: Z171349  
Well Tag Number: A142507

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 1166 WELLINGTON 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<br>Easting: 442968.00<br>Northing: 5027723.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
|                   |                 | BENTONITE CHIPS                                 |                      |
|                   |                 | CONCRETE 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 |
|-----------------|-----------------------|------------|----------|
|-----------------|-----------------------|------------|----------|

---

## Construction Record - Screen

---

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

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7320

## 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> |
|-----------------------------|-------------|
|-----------------------------|-------------|

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## **Hole Diameter**

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| <b>Depth</b> | <b>Depth</b> | <b>Diameter</b> |
|--------------|--------------|-----------------|
| <b>From</b>  | <b>To</b>    |                 |

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**Audit Number:** Z171349

**Date Well Completed:** May 09, 2018

**Date Well Record Received by MOE:** July 27, 2018

# Well ID

Well ID Number: 7342139  
Well Audit Number: Z308417  
Well Tag Number: A265434

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 340 PARKDALE 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<br>Easting: 442834.00<br>Northing: 5027892.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | LOAM                        | SOFT                   | LOOS                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1                 |                 |
| GREY                  | LMSN                        | SHLE                   |                            |                   |                 |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 11 ft           | HOLEPLUG  |                      |

11 ft    23 ft    FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 13 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 13 ft      | 23 ft    |

## 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 4 ft     | 9.5 Inch |
| 4 ft       | 23 ft    | 3.5 Inch |

**Audit Number:** Z308417

**Date Well Completed:** April 15, 2019

**Date Well Record Received by MOE:** July 23, 2019

# Well ID

Well ID Number: 7342140  
Well Audit Number: Z308416  
Well Tag Number: A257662

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 340 PARKDALE 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<br>Easting: 442827.00<br>Northing: 5027889.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | LOAM                        | SOFT                   | LOOS                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 4.5 ft          |
| GREY                  | LMSN                        | SHLE                   |                            | 4.5 ft            | 24 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 12 ft           | HOLEPLUG  |                      |

12 ft    24 ft    FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 14 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 14 ft      | 24 ft    |

## 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 ft                  | 4.5 ft              | 4.5 Inch        |
| 4.5 ft                | 24 ft               | 3.5 Inch        |

**Audit Number:** Z308416

**Date Well Completed:** September 15, 2019

**Date Well Record Received by MOE:** July 23, 2019

# Well ID

Well ID Number: 7343162

Well Audit Number: Z231239

Well Tag Number: A170618

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale  |
| <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<br>Easting: 442864.00<br>Northing: 5027851.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5.5 ft            | 49 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 7 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 7 ft  | 34 ft | BENTONITE GROUT SLURRY         |
| 34 ft | 37 ft | BENTONITE PELLETS TIME RELEASE |
| 37 ft | 49 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 39 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 39 ft      | 49 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5.5 ft   | 4.5 Inch |
| 5.5 ft     | 49 ft    | 3.5 Inch |

**Audit Number:** Z231239

**Date Well Completed:** March 27, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343163

Well Audit Number: Z231228

Well Tag Number: A257373

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale  |
| <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<br>Easting: 442867.00<br>Northing: 5027893.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 4.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4.5 ft            | 52 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 4 ft            | BENTONITE HOLEPLUG                              |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 4 ft  | 38 ft | BENTONITE GROUT SLURRY         |
| 38 ft | 40 ft | BENTONITE PELLETS TIME RELEASE |
| 40 ft | 52 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 42 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 42 ft      | 52 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 4.5 ft   | 4.5 Inch |
| 4.5 ft     | 52 ft    | 3.5 Inch |

**Audit Number:** Z231228

**Date Well Completed:** March 27, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343164

Well Audit Number: Z231240

Well Tag Number: A257380

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | parkdale 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<br>Easting: 442864.00<br>Northing: 5027906.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | PCKD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 4.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4.5 ft            | 52 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 5 ft  | 38 ft | BENTONITE GROUT SLURRY         |
| 38 ft | 40 ft | BENTONITE PELLETS TIME RELEASE |
| 40 ft | 52 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 42 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 42 ft      | 52 ft    |

## 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                   |

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 4.5 ft   | 4.5 Inch |
| 4.5 ft     | 52 ft    | 3.5 Inch |

**Audit Number:** Z231240

**Date Well Completed:** March 27, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343165  
Well Audit Number: Z302840  
Well Tag Number: A178490

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442875.00<br>Northing: 5027890.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | PCKD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | STNS                   | FSND                       | 1 ft              | 7 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 7 ft              | 40 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 6 ft            | BENSEAL   |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 6 ft  | 15 ft | BENTONITE PELLETS TIME RELEASE |
| 15 ft | 27 ft | FILTER SAND                    |
| 27 ft | 29 ft | BENTONITE PELLETS TIME RELEASE |
| 29 ft | 40 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 16 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 30 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 16 ft      | 26 ft    |
| 1.05 inch        | PLASTIC  | 30 ft      | 40 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pump intake set at</b>     |
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

## **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 10 ft    | 2.875 Inch |
| 10 ft      | 40 ft    | 2.375 Inch |

**Audit Number:** Z302840

**Date Well Completed:** March 07, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343166

Well Audit Number: Z302800

Well Tag Number: A261268

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442866.00<br>Northing: 5027891.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 3.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 3.5 ft            | 33.5 ft         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 4 ft            | HOLEPLUG  |                      |

|         |         |                                |
|---------|---------|--------------------------------|
| 4 ft    | 19 ft   | BENTONITE GROUT SLURRY         |
| 19 ft   | 21.5 ft | BENTONITE PELLETS TIME RELEASE |
| 21.5 ft | 33.5 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 23.5 ft  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 23.5 ft    | 33.5 ft  |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 3.5 ft   | 4.5 Inch |
| 3.5 ft     | 33.5 ft  | 3.5 Inch |

**Audit Number:** Z302800

**Date Well Completed:** March 27, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343167

Well Audit Number: Z302765

Well Tag Number: A261090

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442882.00<br>Northing: 5027816.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | SILT                   | SOFT                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.52 m            | 16.76 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 13.41 m         | BENTONITE                                       |                      |

13.41 m 16.76 m FILTER SAND

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## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 13.71 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 13.71 m    | 16.76 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 2.13 m      | 11.43 cm |
| 2.13 m        | 16.76 m     | 8.89 cm  |

**Audit Number:** Z302765

**Date Well Completed:** February 19, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343168  
Well Audit Number: Z302764  
Well Tag Number: A261091

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 366 Parkdale 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<br>Easting: 442877.00<br>Northing: 5027830.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | SILT                   | SOFT                       | .31 m             | 1.83 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.83 m            | 16.76 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 13.41 m         | BENTONITE                                       |                      |

13.41 m 16.76 m FILTER SAND

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## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 13.71 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 13.71 m    | 16.76 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 2.13 m      | 11.43 cm |
| 2.13 m        | 16.76 m     | 8.89 cm  |

**Audit Number:** Z302764

**Date Well Completed:** February 20, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343169

Well Audit Number: Z302763

Well Tag Number: A261088

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 366 Parkdale 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<br>Easting: 442865.00<br>Northing: 5027857.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | SILT                   | SOFT                       | .31 m             | 1.22 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.22 m            | 16.76 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 13.41 m         | BENTONITE                                       |                      |

13.41 m 16.76 m FILTER SAND

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## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 13.71 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 13.71 m    | 16.76 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 2.13 m      | 11.43 cm |
| 2.13 m        | 16.76 m     | 8.89 cm  |

**Audit Number:** Z302763

**Date Well Completed:** February 22, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343170  
Well Audit Number: Z302762  
Well Tag Number: A261089

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 366 Parkdale 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<br>Easting: 442872.00<br>Northing: 5027844.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | SILT                   | SOFT                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.52 m            | 16.76 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 13.41 m         | BENTONITE                                       |                      |

13.41 m 16.76 m FILTER SAND

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## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 4.03 cm         | PLASTIC               | 0 m        | 13.71 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 13.71 m    | 16.76 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 m           | 2.13 m      | 11.43 cm |
| 2.13 m        | 16.76 m     | 8.85 cm  |

**Audit Number:** Z302762

**Date Well Completed:**

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343171  
Well Audit Number: Z302788  
Well Tag Number: A254622

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442900.00<br>Northing: 5027837.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | FSND                   | SILT                       | 1 ft              | 2 ft            |
| BRWN                  | FSND                        | SILT                   | STNS                       | 2 ft              | 5.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5.5 ft            | 38.5 ft         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |

|         |         |                                |
|---------|---------|--------------------------------|
| 1 ft    | 3 ft    | BENSEAL                        |
| 12 ft   | 24 ft   | BENTONITE PELLETS TIME RELEASE |
| 24 ft   | 24 ft   | FILTER SAND                    |
| 24 ft   | 27.5 ft | BENTONITE PELLETS TIME RELEASE |
| 27.5 ft | 38.5 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 13 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 28.5 ft  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 13 ft      | 23 ft    |
| 1.05 inch        | PLASTIC  | 28.5 ft    | 38.5 ft  |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

|   |
|---|
| <b>If pumping discontinued, give reason</b> |
| <b>Pump intake set at</b>                   |
| <b>Pumping Rate</b>                         |
| <b>Duration of Pumping</b>                  |
| <b>Final water level</b>                    |
| <b>If flowing give rate</b>                 |
| <b>Recommended pump depth</b>               |
| <b>Recommended pump rate</b>                |
| <b>Well Production</b>                      |
| <b>Disinfected?</b>                         |

### **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 6 ft     | 2.875 Inch |
| 6 ft       | 38.5 ft  | 2.375 Inch |

**Audit Number:** Z302788

**Date Well Completed:** February 20, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343172  
Well Audit Number: Z302787  
Well Tag Number: A261265

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442897.00<br>Northing: 5027846.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | FSND                   | SILT                       | 1 ft              | 2 ft            |
| BRWN                  | FSND                        | GRVL                   | SILT                       | 2 ft              | 4 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4 ft              | 40 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 1 ft  | 4 ft  | BENSEAL                        |
| 4 ft  | 15 ft | BENTONITE PELLETS TIME RELEASE |
| 15 ft | 27 ft | FILTER SAND                    |
| 27 ft | 29 ft | BENTONITE PELLETS TIME RELEASE |
| 29 ft | 40 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 16 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 30 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 16 ft      | 26 ft    |
| 1.05 inch        | PLASTIC  | 30 ft      | 40 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

|   |
|---|
| <b>If pumping discontinued, give reason</b> |
| <b>Pump intake set at</b>                   |
| <b>Pumping Rate</b>                         |
| <b>Duration of Pumping</b>                  |
| <b>Final water level</b>                    |
| <b>If flowing give rate</b>                 |
| <b>Recommended pump depth</b>               |
| <b>Recommended pump rate</b>                |
| <b>Well Production</b>                      |
| <b>Disinfected?</b>                         |

### **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 4 ft     | 2.875 Inch |
| 4 ft       | 40 ft    | 2.375 Inch |

**Audit Number:** Z302787

**Date Well Completed:** February 22, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343177

Well Audit Number: Z231281

Well Tag Number: A189973

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 229 Armstrong 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<br>Easting: 442838.00<br>Northing: 5027866.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | ----                   | WDFR                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.52 m            | 18.29 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 14.63 m         | BENTONITE                                       |                      |

14.63 m 18.29 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 3.45 cm         | PLASTIC               | 0 m        | 15.24 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 15.24 m    | 18.29 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 2.13 m              | 11.43 cm        |
| 2.13 m                | 18.29 m             | 8.89 cm         |

**Audit Number:** Z231281

**Date Well Completed:** April 01, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343178  
Well Audit Number: Z231280  
Well Tag Number: A265329

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 229 Armstrong 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<br>Easting: 442834.00<br>Northing: 5027880.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | DNSE                       | 0 m               | .31 m           |
| BRWN                  | SAND                        | ----                   | WDFR                       | .31 m             | 1.52 m          |
| GREY                  | LMSN                        | SHLE                   | LYRD                       | 1.52 m            | 18.29 m         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 m               | .31 m           | CONCRETE FLUSHMOUNT                             |                      |
| .31 m             | 14.63 m         | BENTONITE                                       |                      |

14.63 m 18.29 m FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 3.45 cm         | PLASTIC               | 0 m        | 15.24 m  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 4.21 cm          | PLASTIC  | 15.24 m    | 18.29 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

|                               |
|-------------------------------|
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 m                   | 2.13 m              | 11.43 cm        |
| 2.13 m                | 18.29 m             | 8.89 cm         |

**Audit Number:** Z231280

**Date Well Completed:** April 02, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343179

Well Audit Number: Z302865

Well Tag Number: A190994

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale  |
| <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<br>Easting: 442870.00<br>Northing: 5027847.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 4.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4.5 ft            | 36 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 4.5 ft          | HOLEPLUG  |                      |

|        |       |                                |
|--------|-------|--------------------------------|
| 4.5 ft | 22 ft | BENTONITE GROUT SLURRY         |
| 22 ft  | 24 ft | BENTONITE PELLETS TIME RELEASE |
| 24 ft  | 36 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 26 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 26 ft      | 36 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 4.5 ft   | 4.5 Inch |
| 4.5 ft     | 36 ft    | 3.5 Inch |

**Audit Number:** Z302865

**Date Well Completed:** April 01, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343180  
Well Audit Number: Z302887  
Well Tag Number: A211293

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale  |
| <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<br>Easting: 442872.00<br>Northing: 5027854.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | STNS                   | GRVL                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 55 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 5 ft  | 41 ft | BENTONITE GROUT SLURRY         |
| 41 ft | 43 ft | BENTONITE PELLETS TIME RELEASE |
| 43 ft | 55 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 45 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 45 ft      | 55 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 ft          | 5 ft        | 4.5 Inch |
| 5 ft          | 55 ft       | 3.5 Inch |

**Audit Number:** Z302887

**Date Well Completed:** April 01, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343181

Well Audit Number: Z231233

Well Tag Number: A177228

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 223 Armstrong St  |
| <b>Township</b>                         | OTTAWA CITY   |
| <b>Lot</b>                              |   |
| <b>Concession</b>                       |   |
| <b>County/District/Municipality</b>     | OTTAWA-CARLETON   |
| <b>City/Town/Village</b>                | Ottawa  |
| <b>Province</b>                         | ON  |
| <b>Postal Code</b>                      | n/a   |
| <b>UTM Coordinates</b>                  | NAD83 — Zone 18<br>Easting: 442855.00<br>Northing: 5027866.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | STNS                   | MSND                       | 1 ft              | 4.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4.5 ft            | 36 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 5 ft  | 22 ft | BENTONITE GROUT SLURRY         |
| 22 ft | 24 ft | BENTONITE PELLETS TIME RELEASE |
| 24 ft | 36 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use |
|------------------------|----------|
| Diamond                |          |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 1.38 Inch       | PLASTIC               | 0 ft       | 26 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.66 inch        | PLASTIC  | 26 ft      | 36 ft    |

## 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                   |

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 4.5 ft   | 2.875 Inch |
| 4.5 ft     | 36 ft    | 2.375 Inch |

**Audit Number:** Z231233

**Date Well Completed:** April 01, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343182  
Well Audit Number: Z231226  
Well Tag Number: A189794

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442890.00<br>Northing: 5027847.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 54 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 5 ft  | 39 ft | BENTONITE GROUT SLURRY         |
| 39 ft | 42 ft | BENTONITE PELLETS TIME RELEASE |
| 42 ft | 54 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 44 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 44 ft      | 54 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5 ft     | 4.5 Inch |
| 5 ft       | 54 ft    | 3.5 Inch |

**Audit Number:** Z231226

**Date Well Completed:** April 01, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343183

Well Audit Number: Z231234

Well Tag Number: A265326

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 3 Hamilton 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<br>Easting: 442839.00<br>Northing: 5027861.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5.5 ft            | 36.5 ft         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 6 ft            | HOLEPLUG  |                      |

|         |         |                                |
|---------|---------|--------------------------------|
| 6 ft    | 22.5 ft | BENTONITE GROUT SLURRY         |
| 22.5 ft | 24.5 ft | BENTONITE PELLETS TIME RELEASE |
| 24.5 ft | 36.5 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 26.5 ft  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 26.5 ft    | 36.5 ft  |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5.5 ft   | 4.5 Inch |
| 5.5 ft     | 36.5 ft  | 3.5 Inch |

**Audit Number:** Z231234

**Date Well Completed:** April 02, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343184

Well Audit Number: Z231272

Well Tag Number: A265327

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale + Hamilton 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<br>Easting: 442838.00<br>Northing: 5027875.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        |                        | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 6 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 6 ft              | 36 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 6 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 6 ft  | 22 ft | BENTONITE GROUT SLURRY         |
| 22 ft | 24 ft | BENTONITE PELLETS TIME RELEASE |
| 24 ft | 36 ft | FILETER SAND                   |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 26 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 26 ft      | 36 ft    |

## 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                   |

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 ft          | 6 ft        | 4.5 Inch |
| 6 ft          | 36 ft       | 3.5 Inch |

**Audit Number:** Z231272

**Date Well Completed:** April 02, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343185  
Well Audit Number: Z231276  
Well Tag Number: A265328

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 3 Hamilton 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<br>Easting: 442832.00<br>Northing: 5027878.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 6.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 6.5 ft            | 36 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 6.5 ft          | HOLEPLUG  |                      |

|        |       |                                |
|--------|-------|--------------------------------|
| 6.5 ft | 22 ft | BENTONITE GROUT SLURRY         |
| 22 ft  | 24 ft | BENTONITE PELLETS TIME RELEASE |
| 24 ft  | 36 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 26 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 26 ft      | 36 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 6.5 ft   | 4.5 Inch |
| 6.5 ft     | 36 ft    | 3.5 Inch |

**Audit Number:** Z231276

**Date Well Completed:** April 02, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343186

Well Audit Number: Z308421

Well Tag Number: A265433

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

## Well Location

### Address of Well Location

|                                     |                 |
|-------------------------------------|-----------------|
| <b>Township</b>                     | OTTAWA CITY     |
| <b>Lot</b>                          |                 |
| <b>Concession</b>                   |                 |
| <b>County/District/Municipality</b> | OTTAWA-CARLETON |
| <b>City/Town/Village</b>            | Ottawa          |
| <b>Province</b>                     | ON              |
| <b>Postal Code</b>                  | n/a             |

**UTM Coordinates**  
NAD83 — Zone 18  
Easting: 442844.00  
Northing: 5027872.00

### Municipal Plan and Sublot Number

**Other**

## Overburden and Bedrock Materials Interval

| General Colour | Most Common Material | Other Materials | General Description | Depth From | Depth To |
|----------------|----------------------|-----------------|---------------------|------------|----------|
| BLCK           | ----                 | MSND            | GRVL                | 0 ft       | 1 ft     |
| BRWN           | MSND                 | GRVL            | STNS                | 1 ft       | 5.5 ft   |
| GREY           | LMSN                 | SHLE            | HARD                | 5.5 ft     | 52 ft    |

## Annular Space/Abandonment Sealing Record

| Depth From | Depth To | Type of Sealant Used (Material and Type) | Volume Placed |
|------------|----------|--|---------------|
| 0 ft       | 1 ft     | CONCRETE FLUSHMOUNT                      |               |
| 1 ft       | 6 ft     | HOLEPLUG                                 |               |

|       |       |                                |
|-------|-------|--------------------------------|
| 6 ft  | 38 ft | BENTONITE GROUT SLURRY         |
| 38 ft | 40 ft | BENTONITE PELLETS TIME RELEASE |
| 40 ft | 52 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 42 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 42 ft      | 52 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5.5 ft   | 4.5 Inch |
| 5.5 ft     | 52 ft    | 3.5 Inch |

**Audit Number:** Z308421

**Date Well Completed:** April 15, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343187

Well Audit Number: Z308418

Well Tag Number: A265432

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

## Well Location

### Address of Well Location

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

**UTM Coordinates**  
NAD83 — Zone 18  
Easting: 442837.00  
Northing: 5027878.00

### Municipal Plan and Sublot Number

**Other**

## Overburden and Bedrock Materials Interval

| General Colour | Most Common Material | Other Materials | General Description | Depth From | Depth To |
|----------------|----------------------|-----------------|---------------------|------------|----------|
| BLCK           | ----                 | GRVL            | HARD                | 0 ft       | 1 ft     |
| BRWN           | MSND                 | GRVL            | STNS                | 1 ft       | 6 ft     |
| GREY           | LMSN                 | SHLE            | HARD                | 6 ft       | 53 ft    |

## Annular Space/Abandonment Sealing Record

| Depth From | Depth To | Type of Sealant Used (Material and Type) | Volume Placed |
|------------|----------|--|---------------|
| 0 ft       | 1 ft     | CONCRETE FLUSHMOUNT                      |               |
| 1 ft       | 6 ft     | HOLEPLUG                                 |               |

|       |       |                                |
|-------|-------|--------------------------------|
| 6 ft  | 39 ft | BENTONITE GROUT SLURRY         |
| 39 ft | 41 ft | BENTONITE PELLETS TIME RELEASE |
| 41 ft | 53 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 43 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 43 ft      | 53 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 6 ft     | 4.5 Inch |
| 6 ft       | 53 ft    | 3 Inch   |

**Audit Number:** Z308418

**Date Well Completed:** April 15, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343188  
Well Audit Number: Z302753  
Well Tag Number: A261125

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442891.00<br>Northing: 5027868.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | GRVL                        | FSND                   | SILT                       | 1 ft              | 4 ft            |
| GREY                  | BLDR                        | STNS                   | FSND                       | 4 ft              | 6 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 6 ft              | 40 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 15 ft | 27 ft | BENTONITE PELLETS TIME RELEASE |
| 27 ft | 29 ft | BENTONITE PELLETS TIME RELEASE |
| 29 ft | 40 ft | FILTER SAND                    |
|       |       | BENSEAL                        |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 16 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 30 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 16 ft      | 26 ft    |
| 1.05 inch        | PLASTIC  | 30 ft      | 40 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

After test of well yield, water was

|   |
|---|
| <b>If pumping discontinued, give reason</b> |
| <b>Pump intake set at</b>                   |
| <b>Pumping Rate</b>                         |
| <b>Duration of Pumping</b>                  |
| <b>Final water level</b>                    |
| <b>If flowing give rate</b>                 |
| <b>Recommended pump depth</b>               |
| <b>Recommended pump rate</b>                |
| <b>Well Production</b>                      |
| <b>Disinfected?</b>                         |

### **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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 ft                  | 8 ft                | 2.875 Inch      |
| 8 ft                  | 40 ft               | 2.375 Inch      |

**Audit Number:** Z302753

**Date Well Completed:** March 05, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343189

Well Audit Number: Z302754

Well Tag Number: A261140

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442879.00<br>Northing: 5027876.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | FSND                        | GRVL                   | SILT                       | 1 ft              | 3 ft            |
| GREY                  | LMSN                        |                        | BLDR                       | 3 ft              | 4 ft            |
| GREY                  | STNS                        | FSND                   | HARD                       | 4 ft              | 7 ft            |
| GREY                  | LMSN                        |                        |                            | 7 ft              | 40 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
|-------------------|-----------------|---|----------------------|

|       |       |                                |
|-------|-------|--------------------------------|
| 0 ft  | 1 ft  | CONCRETE FLUSHMOUNT            |
| 1 ft  | 6 ft  | BENSEAL                        |
| 6 ft  | 15 ft | BENTONITE PELLETS TIME RELEASE |
| 15 ft | 27 ft | FILTER SAND                    |
| 27 ft | 29 ft | BENTONITE PELLETS TIME RELEASE |
| 29 ft | 40 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 16 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 30 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 16 ft      | 26 ft    |
| 1.05 inch        | PLASTIC  | 30 ft      | 40 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

## Results of Well Yield Testing

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

### **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 ft              | 8 ft            | 2.875 Inch      |
| 8 ft              | 40 ft           | 2.375 Inch      |

**Audit Number:** Z302754

**Date Well Completed:** March 05, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343190  
Well Audit Number: Z302755  
Well Tag Number: A261271

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Parkdale 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<br>Easting: 442870.00<br>Northing: 5027906.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | SAND                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | FILL                       | 1 ft              | 7 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 7 ft              | 40.5 ft         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | BENSEAL   |                      |

|         |         |                                |
|---------|---------|--------------------------------|
| 5 ft    | 15 ft   | BENTONITE PELLETS TIME RELEASE |
| 15 ft   | 27 ft   | FILTER SAND                    |
| 27 ft   | 29.5 ft | BENTONITE PELLETS TIME RELEASE |
| 29.5 ft | 40.5 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Diamond                | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| .824 Inch       | PLASTIC               | 0 ft       | 16 ft    |
| .824 Inch       | PLASTIC               | 0 ft       | 30.5 ft  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.05 inch        | PLASTIC  | 16 ft      | 26 ft    |
| 1.05 inch        | PLASTIC  | 30.5 ft    | 40.5 ft  |

## 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

|                               |
|-------------------------------|
| <b>Pump intake set at</b>     |
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

## **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 8 ft     | 2.875 Inch |
| 8 ft       | 40.5 ft  | 2.375 Inch |

**Audit Number:** Z302755

**Date Well Completed:** March 12, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343191  
Well Audit Number: Z231236  
Well Tag Number: A261270

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Armstrong 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<br>Easting: 442852.00<br>Northing: 5027862.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | BLDR                   | STNS                       | 1 ft              | 4 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4 ft              | 58.5 ft         |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 4 ft            | BENSEAL   |                      |

|         |         |                                |
|---------|---------|--------------------------------|
| 4 ft    | 27 ft   | BENTONITE PELLETS TIME RELEASE |
| 27 ft   | 39 ft   | FILTER SAND                    |
| 39 ft   | 46.5 ft | BENTONITE PELLETS TIME RELEASE |
| 46.5 ft | 58.5 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Direct Push            | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 1.05 Inch       | PLASTIC               | 0 ft       | 28.5 ft  |
| 1.05 Inch       | PLASTIC               | 0 ft       | 48.5 ft  |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| .804 inch        | PLASTIC  | 28.5 ft    | 38.5 ft  |
| .804 inch        | PLASTIC  | 48.5 ft    | 58.5 ft  |

## 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

|                               |
|-------------------------------|
| <b>Pump intake set at</b>     |
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

## 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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 4 ft     | 2.375 Inch |
| 4 ft       | 58.5 ft  | 2.375 Inch |

**Audit Number:** Z231236

**Date Well Completed:** March 19, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343192

Well Audit Number: Z231231

Well Tag Number: A261138

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442874.00<br>Northing: 5027873.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | SAND                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | FSND                   | SILT                       | 1 ft              | 4 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4 ft              | 53 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 8 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 8 ft  | 39 ft | BENTONITE GROUT SLURRY         |
| 39 ft | 41 ft | BENTONITE PELLETS TIME RELEASE |
| 41 ft | 53 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 43 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 43 ft      | 53 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 4 ft     | 4 Inch   |
| 4 ft       | 53 ft    | 3.5 Inch |

**Audit Number:** Z231231

**Date Well Completed:** March 22, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343193  
Well Audit Number: Z231232  
Well Tag Number: A257376

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442868.00<br>Northing: 5027861.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| GREY                  | GRVL                        | FSND                   | HARD                       | 1 ft              | 4 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 4 ft              | 35 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 20 ft           | BENTONITE GROUT SLURRY                          |                      |

20 ft    23 ft    BENTONITE PELLETS TIME RELEASE  
23 ft    35 ft    FILTER SAND

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Diamond                | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 1.38 Inch       | PLASTIC               | 0 ft       | 25 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.06 inch        | PLASTIC  | 25 ft      | 35 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter   |
|------------|----------|------------|
| 0 ft       | 4.5 ft   | 2.875 Inch |
| 4.5 ft     | 35 ft    | 2.375 Inch |

**Audit Number:** Z231232

**Date Well Completed:** March 22, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343194  
Well Audit Number: Z231235  
Well Tag Number: A261139

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE  |
| <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<br>Easting: 442862.00<br>Northing: 5027840.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | SILT                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SLTE                   | HARD                       | 5 ft              | 56 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 7 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 7 ft  | 41 ft | BENTONITE GROUT SLURRY         |
| 41 ft | 44 ft | BENTONITE PELLETS TIME RELEASE |
| 44 ft | 56 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         |                          |
| HYDROFRAC              | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 46 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 46 ft      | 56 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5 ft     | 4.5 Inch |
| 5 ft       | 56 ft    | 3.5 Inch |

**Audit Number:** Z231235

**Date Well Completed:** March 22, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343195  
Well Audit Number: Z231237  
Well Tag Number: A170634

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442863.00<br>Northing: 5027837.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 37 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 5 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 5 ft  | 23 ft | BENTONITE GROUT SLURRY         |
| 23 ft | 25 ft | BENTONITE PELLETS TIME RELEASE |
| 25 ft | 37 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 27 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 27 ft      | 37 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5 ft     | 4.5 Inch |
| 5 ft       | 37 ft    | 3.5 Inch |

**Audit Number:** Z231237

**Date Well Completed:** March 25, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343196  
Well Audit Number: Z231229  
Well Tag Number: A191187

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442862.00<br>Northing: 5027843.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5.5 ft          |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5.5 ft            | 37 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 6 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 6 ft  | 23 ft | BENTONITE GROUT SLURRY         |
| 23 ft | 25 ft | BENTONITE PELLETS TIME RELEASE |
| 25 ft | 37 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 27 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 27 ft      | 37 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5.5 ft   | 4.5 Inch |
| 5.5 ft     | 37 ft    | 3.5 Inch |

**Audit Number:** Z231229

**Date Well Completed:** March 25, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343197  
Well Audit Number: Z231230  
Well Tag Number: A199427

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442873.00<br>Northing: 5027839.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 6 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 6 ft              | 57 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 10 ft           | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 10 ft | 43 ft | BENTONITE GROUT SLURRY         |
| 43 ft | 45 ft | BENTONITE PELLETS TIME RELEASE |
| 45 ft | 57 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 47 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 47 ft      | 57 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 6 ft     | 4.5 Inch |
| 6 ft       | 57 ft    | 3.5 Inch |

**Audit Number:** Z231230

**Date Well Completed:** March 25, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343198  
Well Audit Number: Z231227  
Well Tag Number: A261269

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442848.00<br>Northing: 5027835.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BLCK                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 37 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 4 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 4 ft  | 23 ft | BENTONITE GROUT SLURRY         |
| 23 ft | 25 ft | BENTONITE PELLETS TIME RELEASE |
| 25 ft | 37 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 27 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 27 ft      | 37 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5 ft     | 4.5 Inch |
| 5 ft       | 37 ft    | 3.5 Inch |

**Audit Number:** Z231227

**Date Well Completed:** March 25, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343199

Well Audit Number: Z302888

Well Tag Number: A261130

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | PARKDALE 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<br>Easting: 442868.00<br>Northing: 5027829.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | ----                   | GRVL                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 37 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 7 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 7 ft  | 23 ft | BENTONITE GROUT SLURRY         |
| 23 ft | 25 ft | BENTONITE PELLETS TIME RELEASE |
| 25 ft | 37 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 27 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 27 ft      | 37 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth<br>From | Depth<br>To | Diameter |
|---------------|-------------|----------|
| 0 ft          | 5 ft        | 4.5 Inch |
| 5 ft          | 37 ft       | 3.5 Inch |

**Audit Number:** Z302888

**Date Well Completed:** March 25, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7343200

Well Audit Number: Z231238

Well Tag Number: A191024

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | Armstrong 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<br>Easting: 442842.00<br>Northing: 5027850.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| GREY                  | ----                        | GRVL                   | HARD                       | 0 ft              | 1 ft            |
| BRWN                  | MSND                        | GRVL                   | STNS                       | 1 ft              | 5 ft            |
| GREY                  | LMSN                        | SHLE                   | HARD                       | 5 ft              | 50 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 1 ft            | CONCRETE FLUSHMOUNT                             |                      |
| 1 ft              | 8 ft            | HOLEPLUG  |                      |

|       |       |                                |
|-------|-------|--------------------------------|
| 8 ft  | 36 ft | BENTONITE GROUT SLURRY         |
| 36 ft | 38 ft | BENTONITE PELLETS TIME RELEASE |
| 38 ft | 50 ft | FILTER SAND                    |

## Method of Construction & Well Use

| Method of Construction | Well Use                 |
|------------------------|--------------------------|
| Air Percussion         | Monitoring and Test Hole |

## Status of Well

Monitoring and Test Hole

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.067 Inch      | PLASTIC               | 0 ft       | 40 ft    |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 40 ft      | 50 ft    |

## 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

|                               |
|-------------------------------|
| <b>Pumping Rate</b>           |
| <b>Duration of Pumping</b>    |
| <b>Final water level</b>      |
| <b>If flowing give rate</b>   |
| <b>Recommended pump depth</b> |
| <b>Recommended pump rate</b>  |
| <b>Well Production</b>        |
| <b>Disinfected?</b>           |

### **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

| Depth From | Depth To | Diameter |
|------------|----------|----------|
| 0 ft       | 5 ft     | 4.5 Inch |
| 5 ft       | 50 ft    | 3.5 Inch |

**Audit Number:** Z231238

**Date Well Completed:** March 27, 2019

**Date Well Record Received by MOE:** September 06, 2019

# Well ID

Well ID Number: 7354930

Well Audit Number: Z315268

Well Tag Number: A272559

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 157 holland 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<br>Easting: 442793.00<br>Northing: 5027486.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | SAND                        | STNS                   | DNSE                       | 0 ft              | 1 ft            |
| GREY                  | CLAY                        |                        | SOFT                       | 1 ft              | 20 ft           |
| GREY                  | CLAY                        | TILL                   | STNS                       | 20 ft             | 25 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 4 ft            | BENTONITE                                       |                      |
| 4 ft              | 25 ft           | SILICA SAND                                     |                      |

# Method of Construction & Well Use

| Method of Construction | Well Use                |
|------------------------|-------------------------|
| Diamond                | Monitoring<br>Test Hole |

## Status of Well

Observation Wells

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 1.25 Inch       | PLASTIC               | 0 ft       | 5 ft     |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 1.66 inch        | PLASTIC  | 5 ft       | 25 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 ft                  | 25 ft               | 3 Inch          |

**Audit Number:** Z315268

**Date Well Completed:** February 26, 2020

**Date Well Record Received by MOE:** March 04, 2020

# Well ID

Well ID Number: 7354931  
Well Audit Number: Z315267  
Well Tag Number: A272558

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 157 holland 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<br>Easting: 442803.00<br>Northing: 5027486.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | SAND                        | STNS                   | DNSE                       | 0 ft              | 1 ft            |
| GREY                  | CLAY                        |                        | SOFT                       | 1 ft              | 20 ft           |
| GREY                  | CLAY                        | TILL                   | STNS                       | 20 ft             | 23 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 7 ft            | BENTONITE                                       |                      |
| 7 ft              | 23 ft           | SILICA SAND                                     |                      |

# Method of Construction & Well Use

| Method of Construction | Well Use                |
|------------------------|-------------------------|
| Rotary (Convent.)      | Monitoring<br>Test Hole |

## Status of Well

Observation Wells

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.04 Inch       | PLASTIC               | 0 ft       | 8 ft     |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 8 ft       | 23 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 ft                  | 23 ft               | 8 Inch          |

**Audit Number:** Z315267

**Date Well Completed:** February 24, 2020

**Date Well Record Received by MOE:** March 04, 2020

# Well ID

Well ID Number: 7354932  
Well Audit Number: Z315266  
Well Tag Number: A272560

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

## Well Location

|   |   |
|---|---|
| <b>Address of Well Location</b>         | 157 holland 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<br>Easting: 442788.00<br>Northing: 5027479.00 |
| <b>Municipal Plan and Sublot Number</b> |   |
| <b>Other</b>                            |   |

## Overburden and Bedrock Materials Interval

| <b>General Colour</b> | <b>Most Common Material</b> | <b>Other Materials</b> | <b>General Description</b> | <b>Depth From</b> | <b>Depth To</b> |
|-----------------------|-----------------------------|------------------------|----------------------------|-------------------|-----------------|
| BRWN                  | SAND                        | STNS                   | DNSE                       | 0 ft              | 1 ft            |
| GREY                  | CLAY                        |                        | SOFT                       | 1 ft              | 20 ft           |
| GREY                  | CLAY                        | TILL                   | STNS                       | 20 ft             | 25 ft           |

## Annular Space/Abandonment Sealing Record

| <b>Depth From</b> | <b>Depth To</b> | <b>Type of Sealant Used (Material and Type)</b> | <b>Volume Placed</b> |
|-------------------|-----------------|---|----------------------|
| 0 ft              | 4 ft            | BENTONITE                                       |                      |
| 4 ft              | 25 ft           | SILICA SAND                                     |                      |

# Method of Construction & Well Use

| Method of Construction | Well Use                |
|------------------------|-------------------------|
| Rotary (Convent.)      | Monitoring<br>Test Hole |

## Status of Well

Observation Wells

## Construction Record - Casing

| Inside Diameter | Open Hole or material | Depth From | Depth To |
|-----------------|-----------------------|------------|----------|
| 2.04 Inch       | PLASTIC               | 0 ft       | 5 ft     |

## Construction Record - Screen

| Outside Diameter | Material | Depth From | Depth To |
|------------------|----------|------------|----------|
| 2.375 inch       | PLASTIC  | 5 ft       | 25 ft    |

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

## 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<br/>From</b> | <b>Depth<br/>To</b> | <b>Diameter</b> |
|-----------------------|---------------------|-----------------|
| 0 ft                  | 25 ft               | 8 Inch          |

**Audit Number:** Z315266

**Date Well Completed:** February 24, 2020

**Date Well Record Received by MOE:** March 04, 2020



File Number: D06-03-21-0021

February 23, 2021

Mark St. Pierre  
Paterson Group  
154 Colonnade Rd. South

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

Dear Mark St. Pierre,

**Re: Information Request**  
91 & 93 Holland 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 property noted above either directly on or adjacent to the subject property. This site is in a risk management area. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <https://ottawa.ca/en/city-hall/accountabilityand-transparency/accountability-framework/freedom-information-and-protectionprivacy/access-information>

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

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

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

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

*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 117 activities associated with 57 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 keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

### **The Ontario Land Registry Office**

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

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

**Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty**

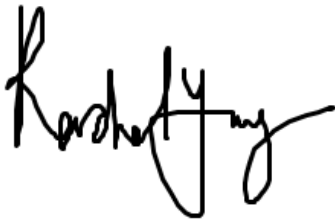
by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

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

If you have any further questions or comments, please contact Rachel Young at [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in black ink, appearing to read 'Rachel Young', written in a cursive style.

Rachel Young

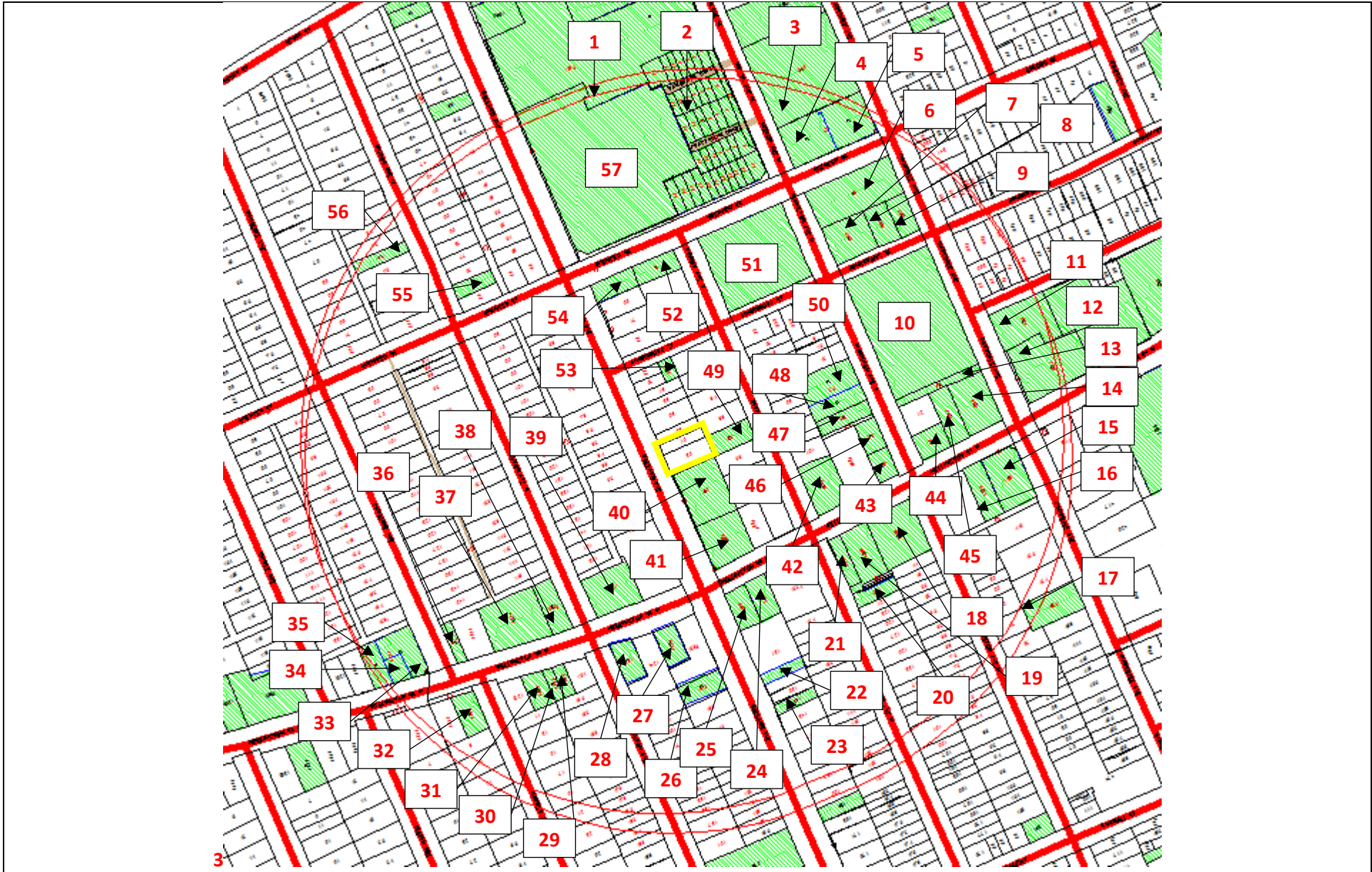
Per:

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

MB / RY

Enclosures.

cc: File no. D06-03-21-0021



**Address:** 91 & 93 Holland Avenue  
Ottawa, ON

**File No.:** File No. D06-03-21-0021

**Prepared By:** Rachel Young

**Legend:** 00 Area Number

  Subject Site

  250 m Buffer

**Scale:** 1 : N/A



| Area             | Associated HLUI Activities   | Associated HLUI Activities with a PIN Certainty of "2" * |
|------------------|--|--|
| Subject Property | N/A  |  |
| 1                | 12224, 13775, 1447, 1448, 3088, 3692, 4677, 4788, 5779, 6848, 8852 | 13775, 1447, 1448, 3088                                  |
| 2                | 13775, 1447, 1448, 3088  | 13775, 1447, 1448, 3088                                  |
| 3                | 4770, 5797   |  |
| 4                | 13392, 4770, 6539  |  |
| 5                | 4770, 6539   |  |
| 6                | 10404, 6202, 6753, 7164  | 7164   |
| 7                | 13246, 553, 7164, 8848, 9964                                       | 13246, 7164, 9964  |
| 8                | 13246  | 13246  |
| 9                | 13246  | 13246  |
| 10               | 1671, 3338, 6201   | 1671   |
| 11               | 12818  |  |
| 12               | 10925  |  |
| 13               | 1671   | 1671   |
| 14               | 2225, 3338, 5967   | 5967   |
| 15               | 10920  |  |
| 16               | 11704  | 11704  |
| 17               | 5579, 757  |  |
| 18               | 10975, 6614  |  |



|    |                        |              |
|----|------------------------|--------------|
| 19 | 4172                   | 4172         |
| 20 | 4172                   | 4172         |
| 21 | 4172                   | 4172         |
| 22 | 5883                   |              |
| 23 | 12071                  |              |
| 24 | 9010                   |              |
| 25 | 10815                  |              |
| 26 | 8981                   |              |
| 27 | 14908, 5602            |              |
| 28 | 1648                   |              |
| 29 | 9984                   |              |
| 30 | 5775, 9983, 9984       |              |
| 31 | 10860, 8317            |              |
| 32 | 3153                   |              |
| 33 | 4354, 5042, 7243, 8853 | 4354         |
| 34 | 4354, 5042, 7243,      | 4354         |
| 35 | 4354, 5042, 7243, 8853 | 4354         |
| 36 | 11242, 6746            |              |
| 37 | 10980, 12924           | 10980, 12924 |
| 38 | 10980                  | 10980        |
| 39 | 12439                  |              |



|    |                               |            |
|----|-------------------------------|------------|
| 40 | 11002                         |            |
| 41 | 10808, 433, 7759              |            |
| 42 | 5943                          |            |
| 43 | 130                           |            |
| 44 | 7378                          |            |
| 45 | 5967, 6271                    | 5967       |
| 46 | 130, 1908                     |            |
| 47 | 11082, 4700                   |            |
| 48 | 14850, 2003, 2897, 4345, 6339 | 4345       |
| 49 | 2647                          |            |
| 50 | 2543, 4345                    |            |
| 51 | 14688, 14915, 3087, 3088      | 3087, 3088 |
| 52 | 12395, 6492                   | 6492       |
| 53 | 11811                         |            |
| 54 | 13564, 3098, 8801             |            |
| 55 | 3836                          |            |
| 56 | 7453                          |            |
| 57 | 1447                          | 1447       |

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



# **Historical Land Use Inventory** ***Adjacent Properties within 250m*** **Area & Activity Numbers**



# Historical Land Use Inventory

## Area 1 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

Study Year

2005

1998

PIN

040340192

040340191

Multi-NAIC

Y

Y

Multiple Activities

Y

Y

Activity ID: 12224 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: SILICON ACCESS NETWORKS LIMITED

Address: 1600 SCOTT STREET, OTTAWA

Facility Type: Communication and Other Electronic Equipment Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

334410 0

Company Name

SILICON ACCESS NETWORKS LIMITED

Year of Operation

c. 2001



**CITY OF OTTAWA**

**HLUI ID: \_\_679AG9**

**AREA (Square Metres): 10359.809**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

**Activity ID:** 13775      **Multiple PINS:** Y

**PIN Certainty:** 2      **Previous Activity ID(s) :** 4353

**Related PINS:** 040340016

**Name:** UNNAMED GASOLINE SERVICE STATION

**Address:** 7 HOLLAND AVENUE, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:** FIP1912, FIP1922 - vacant lot -SE corner of Scott St. & Holland Ave. FIP1948 shows wood yard of McLaughlin Brothers Contractors Ltd. (1550 Scott St.)

**Comments 2:**

**Generator Number:**

**Storage Tanks:** 2 UST

**HL References 1:** M.1948, M.1956; FIP1912-133-891,vol2; FIP1922-133-891,vol2; FIP1948-311-891; FIP1956-311-1-891

**HL References 2:**

**HL References 3:**

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

| Company Name                     | Year of Operation |
|----------------------------------|-------------------|
| Unnamed Gasoline Service Station | c. 1956           |



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 1447 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 1031

Related PINS: 154760000

Name: BEACH FOUNDRY LIMITED

Address: HINTON AVENUE, OTTAWA

Facility Type: Iron Foundries

Comments 1: Manufacturing of Electric and Gas ranges, coal stoves, heaters, hot air furnaces, air conditioning furnaces etc. occurred at these locations

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M. 1900, M.1910, M.1920, M.1930, M.1940, M.1950; M.1948, M.1956; FIP1912-133-892,vol2; FIP1922-133-892,vol2; FIP1948-311-892; FIP1956-311-1-892

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332510 | 306 |
| 333519 | 306 |
| 331511 | 294 |
| 333511 | 306 |
| 331420 | 297 |
| 332810 | 294 |

Company Name

Beach Foundry Ltd.

J. Robinson and Son Brass Foundry

Year of Operation

c. 1930-1956

c. 1920



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 1448 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 1577

Related PINS: 154760000

Name: BEACH FOUNDRY LIMITED

Address: 75 SPENCER STREET, OTTAWA

Facility Type: Major Appliance Industry (Electric and Non Electric)

Comments 1: Manufacturers of electric and gas ranged, coal stoves, oil and gas furnaces, air conditioning furnaces, oil burners. Manufactureres of stoves furnaces and grey iron castings. At same address as Alexander Fleck Ltd. - foundry.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1958, M.1960, M.1961, M.1964, M.1970, M.1980; S.1958, S.1961, S.1964, S.1965, S.1970, S.1971

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332991 | 319 |
| 331511 | 294 |
| 333413 | 307 |
| 333291 | 319 |
| 336510 | 319 |
| 333220 | 319 |
| 333210 | 319 |
| 332810 | 294 |
| 335990 | 319 |
| 336211 | 319 |
| 333130 | 319 |
| 333110 | 319 |
| 333299 | 319 |
| 333910 | 319 |
| 336120 | 319 |
| 333310 | 307 |
| 333611 | 319 |
| 333120 | 319 |
| 333416 | 307 |
| 335223 | 332 |

Company Name

Beach Foundry Ltd.

Year of Operation

c. 1958-1971





CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 3692 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: CODY DEVELOPEMENTS CORP

Address: 1620 SCOTT STREET,

Facility Type: Services to Buildings and Dwellings

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

CODY DEVELOPEMENTS CORP

Year of Operation

c. 2005





CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 4788 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: DOMTAR

Address: 1600 SCOTT STREET,

Facility Type: Pulp and Paper Industries

Comments 1: #700

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS SIC

322122 0

Company Name

DOMTAR

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 5779 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: GOLDEN TREASURES JEWELLERS

Address: 1620 SCOTT STREET,

Facility Type: Recreational Vehicle Dealers (where servicing is present)

Comments 1: #7B

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

| NAICS  | SIC |
|--------|-----|
| 811490 | 0   |
| 448310 | 0   |

| Company Name               | Year of Operation |
|----------------------------|-------------------|
| GOLDEN TREASURES JEWELLERS | c. 2001           |
| GOLDEN TREASURES JEWELLERS | c. 2005           |



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 6848 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: HOLLAND CROSS DENTAL CENTRE

Address: 1620 SCOTT STREET, OTTAWA

Facility Type: Hospitals

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

622210 0

Company Name

HOLLAND CROSS DENTAL CENTRE

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: \_\_679AG9

AREA (Square Metres): 10359.809

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:14

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 2005       | 040340192 | Y          | Y                   |
| 1998       | 040340191 | Y          | Y                   |

Activity ID: 8852 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340192

Name: MILLENEX PLUMBING & HEATING

Address: 1620 SCOTT STREET,

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

| NAICS  | SIC |
|--------|-----|
| 238210 | 0   |
| 238910 | 0   |
| 238220 | 0   |

Company Name

MILLENEX PLUMBING & HEATING

Year of Operation

c. 2005



# Historical Land Use Inventory

## Area 2 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_670IM9

AREA (Square Metres): 5275.562

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:56

Study Year  
1998

PIN  
040340191

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 13775

Multiple PINS: Y

PIN Certainty: 2

Previous Activity ID(s) : 4353

Related PINS: 040340016

Name: UNNAMED GASOLINE SERVICE STATION

Address: 7 HOLLAND AVENUE, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1: FIP1912, FIP1922 - vacant lot -SE corner of Scott St. & Holland Ave. FIP1948 shows wood yard of McLaughlin Brothers Contractors Ltd. (1550 Scott St.)

Comments 2:

Generator Number:

Storage Tanks: 2 UST

HL References 1: M.1948, M.1956; FIP1912-133-891,vol2; FIP1922-133-891,vol2; FIP1948-311-891; FIP1956-311-1-891

HL References 2:

HL References 3:

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

Company Name

Unnamed Gasoline Service Station

Year of Operation

c. 1956



CITY OF OTTAWA

HLUI ID: \_\_670IM9

AREA (Square Metres): 5275.562

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:56

Study Year  
1998

PIN  
040340191

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 1447 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1031

Related PINS: 154760000

Name: BEACH FOUNDRY LIMITED

Address: HINTON AVENUE, OTTAWA

Facility Type: Iron Foundries

Comments 1: Manufacturing of Electric and Gas ranges, coal stoves, heaters, hot air furnaces, air conditioning furnaces etc. occurred at these locations

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M. 1900, M.1910, M.1920, M.1930, M.1940, M.1950; M.1948, M.1956; FIP1912-133-892,vol2; FIP1922-133-892,vol2; FIP1948-311-892; FIP1956-311-1-892

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332510 | 306 |
| 333519 | 306 |
| 331511 | 294 |
| 333511 | 306 |
| 331420 | 297 |
| 332810 | 294 |

Company Name

Year of Operation

Beach Foundry Ltd.

c. 1930-1956

J. Robinson and Son Brass Foundry

c. 1920



CITY OF OTTAWA

HLUI ID: \_\_670IM9

AREA (Square Metres): 5275.562

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 11:51:56

Study Year  
1998

PIN  
040340191

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 1448 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 1577

Related PINS: 154760000

Name: BEACH FOUNDRY LIMITED

Address: 75 SPENCER STREET, OTTAWA

Facility Type: Major Appliance Industry (Electric and Non Electric)

Comments 1: Manufacturers of electric and gas ranged, coal stoves, oil and gas furnaces, air conditioning furnaces, oil burners. Manufactureres of stoves furnaces and grey iron castings. At same address as Alexander Fleck Ltd. - foundry.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1958, M.1960, M.1961, M.1964, M.1970, M.1980; S.1958, S.1961, S.1964, S.1965, S.1970, S.1971

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332991 | 319 |
| 331511 | 294 |
| 333413 | 307 |
| 333291 | 319 |
| 336510 | 319 |
| 333220 | 319 |
| 333210 | 319 |
| 332810 | 294 |
| 335990 | 319 |
| 336211 | 319 |
| 333130 | 319 |
| 333110 | 319 |
| 333299 | 319 |
| 333910 | 319 |
| 336120 | 319 |
| 333310 | 307 |
| 333611 | 319 |
| 333120 | 319 |
| 333416 | 307 |
| 335223 | 332 |

Company Name

Beach Foundry Ltd.

Year of Operation

c. 1958-1971





# Historical Land Use Inventory

## Area 3 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679FC4

AREA (Square Metres): 3866.398

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:09:50

Study Year  
1998

PIN  
040340004

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 4770 Multiple PINS: Y  
PIN Certainty: 1 Previous Activity ID(s) : 2077  
Related PINS: 040340002

Name: DOMINION LOOSE LEAF CO. LIMITED  
Address: PARKDALE AVENUE, OTTAWA  
Facility Type: Other Converted Paper Products Industries  
Comments 1: FIP1922 - vacant lot M. 1956 - lists @ 312 - 320 Parkdale  
Comments 2: 312 to 320

Generator Number:

Storage Tanks:

HL References 1: S.1958, S.1961, S.1964-1965, M.1958, M.1961, M.1964, M.1948, M.1956, M.1960, M.1970, M.1980;  
FIP1912-133-893,vol2; FIP1922-133-893,vol2; FIP1948-311-893; FIP1956-311-1-893

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 322230 | 279 |
| 323116 | 281 |
| 325999 | 279 |
| 323115 | 281 |
| 323119 | 281 |
| 323114 | 281 |

Company Name

Dominion Loose Leaf Co. Ltd.

Year of Operation

c. 1948-1960



**CITY OF OTTAWA**

**HLUI ID: \_\_679FC4**

**AREA (Square Metres): 3866.398**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:09:50

**Study Year**  
1998

**PIN**  
040340004

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 5797 **Multiple PINS:** N

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

**Related PINS:** 040340004

**Name:** GARVEY CONSTRUCTION LIMITED

**Address:** 312 PARKDALE AVENUE, OTTAWA

**Facility Type:** Residential Building and Development

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 236110       | 0          |

**Company Name**

GARVEY CONSTRUCTION LIMITED

**Year of Operation**

c. 2001



# Historical Land Use Inventory

## Area 4 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679AGL

AREA (Square Metres): 974.117

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:10:15

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040340002 | Y          | Y                   |
| 2005       | 156930000 | Y          | Y                   |

Activity ID: 13392 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 156930000

Name: THE ENVELOPE HOUSE

Address: 45 SPENCER STREET, OTTAWA

Facility Type: Other Converted Paper Products Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

| NAICS  | SIC |
|--------|-----|
| 322230 | 0   |

| Company Name       | Year of Operation |
|--------------------|-------------------|
| THE ENVELOPE HOUSE | c. 2001           |



CITY OF OTTAWA

HLUI ID: \_\_679AGL

AREA (Square Metres): 974.117

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:10:15

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040340002 | Y          | Y                   |
| 2005       | 156930000 | Y          | Y                   |

Activity ID: 4770 Multiple PINS: Y

PIN Certainty: 1 Previous Activity ID(s) : 2077

Related PINS: 040340002

Name: DOMINION LOOSE LEAF CO. LIMITED

Address: PARKDALE AVENUE, OTTAWA

Facility Type: Other Converted Paper Products Industries

Comments 1: FIP1922 - vacant lot M. 1956 - lists @ 312 - 320 Parkdale

Comments 2: 312 to 320

Generator Number:

Storage Tanks:

HL References 1: S.1958, S.1961, S.1964-1965, M.1958, M.1961, M.1964, M.1948, M.1956, M.1960, M.1970, M.1980; FIP1912-133-893,vol2; FIP1922-133-893,vol2; FIP1948-311-893; FIP1956-311-1-893

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 322230 | 279 |
| 323116 | 281 |
| 325999 | 279 |
| 323115 | 281 |
| 323119 | 281 |
| 323114 | 281 |

Company Name

Dominion Loose Leaf Co. Ltd.

Year of Operation

c. 1948-1960





# Historical Land Use Inventory

## Area 5 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_670H85

AREA (Square Metres): 959.241

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:10:42

Study Year  
1998

PIN  
040340002

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 4770 Multiple PINS: Y  
PIN Certainty: 1 Previous Activity ID(s) : 2077  
Related PINS: 040340002

Name: DOMINION LOOSE LEAF CO. LIMITED  
Address: PARKDALE AVENUE, OTTAWA  
Facility Type: Other Converted Paper Products Industries  
Comments 1: FIP1922 - vacant lot M. 1956 - lists @ 312 - 320 Parkdale  
Comments 2: 312 to 320

Generator Number:

Storage Tanks:

HL References 1: S.1958, S.1961, S.1964-1965, M.1958, M.1961, M.1964, M.1948, M.1956, M.1960, M.1970, M.1980;  
FIP1912-133-893,vol2; FIP1922-133-893,vol2; FIP1948-311-893; FIP1956-311-1-893

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 322230 | 279 |
| 323116 | 281 |
| 325999 | 279 |
| 323115 | 281 |
| 323119 | 281 |
| 323114 | 281 |

Company Name

Dominion Loose Leaf Co. Ltd.

Year of Operation

c. 1948-1960



CITY OF OTTAWA

HLUI ID: \_\_670H85

AREA (Square Metres): 959.241

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:10:42

Study Year  
1998

PIN  
040340002

Multi-NAIC  
Y

Multiple Activities  
Y

**Activity ID:** 6539 **Multiple PINS:** N  
**PIN Certainty:** 1 **Previous Activity ID(s) :** 5053  
**Related PINS:** 156930000  
**Name:** GRAPHIC DISPLAY CANADA  
**Address:** 45 SPENCER STREET, OTTAWA  
**Facility Type:** Commercial Printing Industries  
**Comments 1:** M.O.M. PRINTING LIMITED, A DIVISION OF  
**Comments 2:**  
**Generator Number:** ON0272301  
**Storage Tanks:**  
**HL References 1:** PID1994; SC98  
**HL References 2:**  
**HL References 3:** 2000 PID

| NAICS  | SIC |
|--------|-----|
| 323115 | 0   |
| 323114 | 281 |
| 323119 | 281 |
| 339950 | 397 |
| 323116 | 281 |
| 323114 | 0   |
| 323115 | 281 |

| Company Name           | Year of Operation |
|------------------------|-------------------|
| GRAPHIC DISPLAY CANADA | c. 2000           |
| Graphic Display Canada | c. 1994-1998      |



# Historical Land Use Inventory

## Area 6 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679FUT

AREA (Square Metres): 1768.682

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:29

Study Year  
1998

PIN  
040350144

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 10404 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 180

Related PINS: 040350144

Name: ONTARIO HUGHES-OWENS CO. LIMITED

Address: 3 HAMILTON AVENUE, OTTAWA

Facility Type: Machine Shop Industry

Comments 1: No Hamilton St In 1900 - aeronautical, industrial instrument manufacture - tool rooms, machine shops, offices & warehouse FIP1912 - lists Gow & Baylis lumber yard Honeywell Limited Generator #ON0144004 (waste generator)

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1958, M.1961, M.1964; S.1958, S.1961, S.1964-65; FIP1912-133-897,vol2; FIP1922-133-897,vol2; FIP1948-311-897; FIP1956-311-1-897; PID1994

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 336310 | 308 |
| 333619 | 308 |
| 333511 | 306 |
| 336410 | 321 |
| 332710 | 308 |
| 336350 | 308 |
| 332510 | 306 |
| 333519 | 306 |
| 336320 | 321 |

Company Name

Year of Operation

|                              |              |
|------------------------------|--------------|
| Honeywell Limited            | c. 1994      |
| Ontario Hughes-Owens Co. Ltd | c. 1948-1950 |
| Sperry Gyroscope Ottawa      | c. 1956-1965 |





CITY OF OTTAWA

HLUI ID: \_\_679FUT

AREA (Square Metres): 1768.682

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:29

Study Year  
1998

PIN  
040350144

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6753 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040350144

Name: HONEYWELL LIMITED  
Address: 3 HAMILTON AVENUE, OTTAWA  
Facility Type: Aircraft and Aircraft Parts Industry  
Comments 1: SPERRY AEROSPACE DIVISION  
Comments 2:

Generator Number: ON0144004

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

| NAICS  | SIC |
|--------|-----|
| 336410 | 0   |
| 336320 | 0   |

| Company Name      | Year of Operation |
|-------------------|-------------------|
| HONEYWELL LIMITED | c. 2000           |
| HONEYWELL LIMITED | c. 2003           |



CITY OF OTTAWA

HLUI ID: \_\_679FUT

AREA (Square Metres): 1768.682

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:29

Study Year  
1998

PIN  
040350144

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 7164 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 181

Related PINS: 040350144

Name: J.P. PORTER AND SONS CO. LIMITED

Address: 5 HAMILTON AVENUE, OTTAWA

Facility Type: Other Wood 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 |
|--------|-----|
| 337920 | 259 |
| 321114 | 259 |
| 333519 | 306 |
| 321216 | 259 |
| 321217 | 259 |
| 333511 | 306 |
| 332510 | 306 |

Company Name

J.P. Porter and Sons Co. Ltd

Year of Operation

c. 1950



# Historical Land Use Inventory

## Area 7 Activity Numbers





**CITY OF OTTAWA**

**HLUI ID: \_\_679EC4**

**AREA (Square Metres): 885.474**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:52

**Study Year**  
1998

**PIN**  
040350145

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 553 **Multiple PINS:** N

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

**Related PINS:** 040350145

**Name:** ADD ELECTRONICS INC.

**Address:** 233 ARMSTRONG STREET, OTTAWA

**Facility Type:** Appliance, Television, Radio and Stereo Stores

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 443110       | 0          |

**Company Name**

ADD ELECTRONICS INC.

**Year of Operation**

c. 2001



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EC4**  
**AREA (Square Metres): 885.474**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:52

**Study Year**  
1998

**PIN**  
040350145

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 7164 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 181

**Related PINS:** 040350144

**Name:** J.P. PORTER AND SONS CO. LIMITED

**Address:** 5 HAMILTON AVENUE, OTTAWA

**Facility Type:** Other Wood 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 |
|--------|-----|
| 337920 | 259 |
| 321114 | 259 |
| 333519 | 306 |
| 321216 | 259 |
| 321217 | 259 |
| 333511 | 306 |
| 332510 | 306 |

**Company Name**

J.P. Porter and Sons Co. Ltd

**Year of Operation**

c. 1950



**CITY OF OTTAWA**

**HLUI ID: \_\_679EC4**

**AREA (Square Metres): 885.474**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:52

**Study Year**  
1998

**PIN**  
040350145

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8848 **Multiple PINS:** N

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

**Related PINS:** 040350145

**Name:** MILLAR DOUG PHOTOGRAPHY

**Address:** 7 HAMILTON AVENUE, OTTAWA

**Facility Type:** Photographers

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 541920       | 0          |

**Company Name**

MILLAR DOUG PHOTOGRAPHY

**Year of Operation**

c. 2001



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EC4**  
**AREA (Square Metres): 885.474**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:17:52

**Study Year**  
1998

**PIN**  
040350145

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9964

**Multiple PINS:** N

**PIN Certainty:** 2

**Previous Activity ID(s) :** 4368

**Related PINS:** 040350145

**Name:** OTTAWA SHOE CO. LIMITED

**Address:** 233 ARMSTRONG STREET, OTTAWA

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

**Comments 1:** - NE corner of Armstrong & Hamilton Ave. M. 1948 - lists bottler FIP1912, FIP1922 - vacant lot

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1948, M.1956; FIP1912-133-897,vol2; FIP1922-133-897,vol2; FIP1948-311-897; FIP1956-311-1-897

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 316110 | 171 |
| 316210 | 171 |
| 321999 | 171 |
| 316990 | 171 |
| 332999 | 171 |

**Company Name**

Ottawa Shoe Co. Ltd.

**Year of Operation**

c. 1956



# Historical Land Use Inventory

## Area 8 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679DDC

AREA (Square Metres): 474.736

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:18:19

Study Year  
1998

PIN  
040350146

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 13246                      Multiple PINS: Y  
 PIN Certainty: 2                      Previous Activity ID(s) : 3158  
 Related PINS: 040350145

Name: STUBBY BEVERAGES  
 Address: 233 ARMSTRONG STREET, OTTAWA  
 Facility Type: Soft Drink Industry  
 Comments 1:  
 Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950M.1920, M.1948, M.1956; FIP1901-KEY,vol1;  
 FIP1912-133-897,vol2; FIP1922-133-897,vol2; FIP1948-311-897; FIP1956-311-1-897

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 312120 | 111 |

**Company Name**

Stubby Beverages

**Year of Operation**

c. 1948-1950



# Historical Land Use Inventory

## Area 9 Activity Numbers



CITY OF OTTAWA  
HLUI ID: \_\_679D2G  
AREA (Square Metres): 409.520

Report: RPTC\_OT\_DEV0122  
Run On: 08 Feb 2021 at: 12:18:43

**Study Year**  
1998

**PIN**  
040350147

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 13246      **Multiple PINS:** Y  
**PIN Certainty:** 2      **Previous Activity ID(s) :** 3158  
**Related PINS:** 040350145

**Name:** STUBBY BEVERAGES  
**Address:** 233 ARMSTRONG STREET, OTTAWA  
**Facility Type:** Soft Drink Industry  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950M.1920, M.1948, M.1956; FIP1901-KEY,vol1; FIP1912-133-897,vol2; FIP1922-133-897,vol2; FIP1948-311-897; FIP1956-311-1-897

**HL References 2:**

**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 312120       | 111        |

**Company Name**

Stubby Beverages

**Year of Operation**

c. 1948-1950



# Historical Land Use Inventory

## Area 10 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GMK**  
**AREA (Square Metres): 5723.051**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:25:54

**Study Year**  
1998

**PIN**  
040350148

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 1671                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 226

**Related PINS:** 040350148

**Name:** BILL BROWNLEE SERVICE STATION  
**Address:** 380 PARKDALE AVENUE, OTTAWA  
**Facility Type:** Gasoline Service Stations  
**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 |
|--------|-----|
| 447190 | 633 |
| 811199 | 633 |
| 447110 | 633 |

**Company Name**

Bill Brownlee Service Station

**Year of Operation**

c. 1950



**CITY OF OTTAWA**

**HLUI ID: \_\_679GMK**

**AREA (Square Metres): 5723.051**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:25:54

**Study Year**  
1998

**PIN**  
040350148

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 3338 **Multiple PINS:** Y

**PIN Certainty:** 1 **Previous Activity ID(s) :** 3161

**Related PINS:** 040350148

**Name:** COMET CLEANERS  
**Address:** 380 PARKDALE AVENUE, OTTAWA  
**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

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

| Company Name   | Year of Operation |
|----------------|-------------------|
| Comet Cleaners | c. 1960           |



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GMK**  
**AREA (Square Metres): 5723.051**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:25:54

**Study Year**  
1998

**PIN**  
040350148

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6201

**Multiple PINS:** N

**PIN Certainty:** 1

**Previous Activity ID(s) :** 474

**Related PINS:** 040350148

**Name:** GOW & BAYLIS

**Address:** 140 PARKDALE AVENUE, OTTAWA

**Facility Type:** Lumber and Building Materials, Wholesale

**Comments 1:** Property is the whole block bounded by Parkdale, Hamilton, Armstrong, & the laneway.

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950; FIP1901-134-1043,vol2. FIP1912-134-1043,vol2. FIP1922-134-1043,vol2. M.1912. M.1921.

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 321911 | 254 |
| 416310 | 563 |
| 321919 | 251 |
| 416340 | 563 |
| 337110 | 254 |
| 321112 | 251 |
| 321992 | 254 |
| 416320 | 563 |
| 444120 | 563 |
| 321215 | 254 |
| 321920 | 251 |
| 444190 | 563 |
| 321111 | 251 |
| 444110 | 563 |

**Company Name**

Gow & Baylis

**Year of Operation**

c. 1910-1912



# Historical Land Use Inventory

## Area 11 Activity Numbers





# Historical Land Use Inventory

## Area 12 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FUA**  
**AREA (Square Metres): 1799.072**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:28:27

**Study Year**  
1998

**PIN**  
155760000

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10925                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 2342

**Related PINS:** 155760000

**Name:** PARKDALE SHELL SERVICE  
**Address:** 1175 WELLINGTON STREET, OTTAWA  
**Facility Type:** Gasoline Service Stations  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 447110       | 633        |
| 811199       | 633        |
| 447190       | 633        |

**Company Name**

Parkdale Shell Service

**Year of Operation**

c. 1980



# Historical Land Use Inventory

## Area 13 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679GVA

AREA (Square Metres): 309.361

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:31:10

Study Year  
1998

PIN  
040350202

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 1671 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 226

Related PINS: 040350148

Name: BILL BROWNLEE SERVICE STATION

Address: 380 PARKDALE AVENUE, OTTAWA

Facility Type: Gasoline Service Stations

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 |
|--------|-----|
| 447190 | 633 |
| 811199 | 633 |
| 447110 | 633 |

Company Name

Bill Brownlee Service Station

Year of Operation

c. 1950



# Historical Land Use Inventory

## Area 14 Activity Numbers





CITY OF OTTAWA  
 HLUI ID: \_\_679EF3  
 AREA (Square Metres): 996.822

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:31:45

**Study Year**  
1998

**PIN**  
040350149

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 3338                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 3161  
**Related PINS:** 040350148  
**Name:** COMET CLEANERS  
**Address:** 380 PARKDALE AVENUE, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**Comments 1:**  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1960, M.1970, M.1980  
**HL References 2:**  
**HL References 3:**

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

| Company Name   | Year of Operation |
|----------------|-------------------|
| Comet Cleaners | c. 1960           |



**CITY OF OTTAWA**

**HLUI ID: \_\_679EF3**

**AREA (Square Metres): 996.822**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:31:45

**Study Year**  
1998

**PIN**  
040350149

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 5967 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 5702

**Related PINS:** 040350149

**Name:** G + K AUTO SERVICE

**Address:** WELLINGTON STREET, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:** 1181 to 1185

**Comments 2:**

**Generator Number:**

**Storage Tanks:** FIP1948, FIP1956- Three USTs in south west corner of property

**HL References 1:** M.1949, M.1957; FIP1912-134-1043,Vol2; FIP1922-134-1043,Vol2; FIP1948-313-1043; FIP1956-313-1-1043

**HL References 2:**

**HL References 3:**

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

**Company Name**

G + K Auto Service

**Year of Operation**

c. 1948-1957



# Historical Land Use Inventory

## Area 15 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EF6**  
**AREA (Square Metres): 1000.242**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:32:11

**Study Year**  
1998

**PIN**  
040350153

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10920                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 115  
**Related PINS:** 040350153

**Name:** PARKDALE ESSO SERVICE CENTRE  
**Address:** 402 PARKDALE AVENUE, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:** FIP1948, FIP1956 -Two USTs -north-middle section of property

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1949, M.1950, M.1957, M.1960, M.1970, M.1980;  
 FIP1912-134-1044, Vol2; FIP1922-134-1044, Vol2; FIP1948-313-1044; FIP1956-313-1-1044

**HL References 2:**

**HL References 3:**

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

| Company Name                      | Year of Operation |
|-----------------------------------|-------------------|
| Imperial Oil Ltd. Service Station | c. 1930           |
| Parkdale Esso Service Centre      | c. 1960-1980      |
| Nat Minion's Service Station      | c. 1940-1956      |



# Historical Land Use Inventory

## Area 16 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_67991D**  
**AREA (Square Metres): 603.426**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:32:43

**Study Year**  
2005

**PIN**  
040350154

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 11704 **Multiple PINS:** N

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

**Related PINS:** 040350154

**Name:** SASLOVE SOFABED GALLERY  
**Address:** 1190 WELLINGTON STREET, OTTAWA  
**Facility Type:** Household Furniture Stores  
**Comments 1:** NO PIN FOR 1190 - PIN IS FOR 1188  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

**NAICS**      **SIC**  
 442110      0

**Company Name**

SASLOVE SOFABED GALLERY

**Year of Operation**

c. 2001



# Historical Land Use Inventory

## Area 17 Activity Numbers







# Historical Land Use Inventory

## Area 18 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FM4**  
**AREA (Square Metres): 1338.817**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:50:59

**Study Year**  
1998

**PIN**  
040350131

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 10975                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 1431  
**Related PINS:** 040350131

**Name:** PATTONS LIMITED  
**Address:** 1200 WELLINGTON STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**Comments 1:**  
**Comments 2:**

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

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1949 M.1950, M.1957, M.1960, M.1970, M.1980;  
 FIP1912-134-1042,vol2; FIP1922-134-1042,vol2; FIP1948-313-1042; FIP1956-313-1-1042

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

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

| Company Name | Year of Operation |
|--------------|-------------------|
| Pattons Ltd. | c. 1940-1960      |



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FM4**  
**AREA (Square Metres): 1338.817**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 12:50:59

**Study Year**  
1998

**PIN**  
040350131

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6614 **Multiple PINS:** N

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

**Related PINS:** 040350131

**Name:** HI-TRONICS

**Address:** 1200 WELLINGTON STREET,

**Facility Type:** Photographic Equipment and Musical Instruments and Supplies, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 414130       | 0          |

**Company Name**

HI-TRONICS

**Year of Operation**

c. 2005



# Historical Land Use Inventory

## Area 19 Activity Numbers





# Historical Land Use Inventory

## Area 20 Activity Numbers





# Historical Land Use Inventory

## Area 21 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679DNQ**  
**AREA (Square Metres): 331.275**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 12:52:31

**Study Year**  
1998

**PIN**  
040350081

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 4172                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 2774

**Related PINS:** 040350081

**Name:** D. & M. FIXTURES  
**Address:** 117 HINTON AVENUE, OTTAWA  
**Facility Type:** Sash, Door and Other Millwork Industries  
**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 |
|--------|-----|
| 321992 | 254 |
| 321911 | 254 |
| 337110 | 254 |
| 321215 | 254 |

| Company Name     | Year of Operation |
|------------------|-------------------|
| D. & M. Fixtures | c. 1970           |



# Historical Land Use Inventory

## Area 22 Activity Numbers





# Historical Land Use Inventory

## Area 23 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_67998G**

**AREA (Square Metres): 236.123**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:02:17

**Study Year**  
2005

**PIN**  
040350020

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 12071 **Multiple PINS:** N

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

**Related PINS:** 040350020

**Name:** REEL IMPACT COMMUNICATIONS INC.

**Address:** 141 HOLLAND AVENUE,

**Facility Type:** Motion Picture Laboratories and Video Production Facilities

**Comments 1:** #1

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 512110       | 0          |

**Company Name**

REEL IMPACT COMMUNICATIONS INC.

**Year of Operation**

c. 2005



# Historical Land Use Inventory

## Area 24 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679BJB**  
**AREA (Square Metres): 458.940**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 13:10:29

**Study Year**  
2005

**PIN**  
040350016

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 9010 **Multiple PINS:** N

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

**Related PINS:** 040350016

**Name:** MORRIS HOME HARDWARE

**Address:** 1226 WELLINGTON STREET,

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

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

| NAICS  | SIC |
|--------|-----|
| 444130 | 0   |
| 444110 | 0   |

**Company Name**

**Year of Operation**

MORRIS HOME HARDWARE

c. 2005

MORRIS HOME HARDWARE

c. 2001



# Historical Land Use Inventory

## Area 25 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_670H1D**  
**AREA (Square Metres): 449.294**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 13:11:18

**Study Year**  
1998

**PIN**  
040350015

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10815 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 116

**Related PINS:** 040350015

**Name:** PROSPERITY CLEANERS  
**Address:** 1232 WELLINGTON STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

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

**Company Name**

Prosperity Cleaners

**Year of Operation**

c. 1940-1950



# Historical Land Use Inventory

## Area 26 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_67998F**

**AREA (Square Metres): 481.917**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:12:54

**Study Year**  
2005

**PIN**  
040360128

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 8981 **Multiple PINS:** N

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

**Related PINS:** 040360128

**Name:** MUNN PHOTOGRAPHY

**Address:** 132 HOLLAND AVENUE,

**Facility Type:** Photographers

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 541920       | 0          |

**Company Name**

**Year of Operation**

MUNN PHOTOGRAPHY

c. 2005

MUNN PHOTOGRAPHY

c. 2001



# Historical Land Use Inventory

## Area 27 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679D7O

AREA (Square Metres): 440.796

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:14:34

Study Year  
1998

PIN  
040360126

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 14908 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040360126

Name: WOLF STUDIOS-FOCUS PHOTOGRAPHIC SERVICES

Address: 1242 WELLINGTON STREET, OTTAWA

Facility Type: Photographers

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 541920       | 0          |

**Company Name**

WOLF STUDIOS-FOCUS PHOTOGRAPHIC SERVICES

**Year of Operation**

c. 2001





# Historical Land Use Inventory

## Area 28 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679DCG**  
**AREA (Square Metres): 467.310**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 13:16:04

**Study Year**  
1998

**PIN**  
040360115

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 1648 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 623

**Related PINS:** 040360115

**Name:** BLACKWELL LYLE LIMITED  
**Address:** 1250 WELLINGTON STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

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

**Company Name**

Blackwell Lyle Ltd.

**Year of Operation**

c. 1950



# Historical Land Use Inventory

## Area 29 Activity Numbers





# Historical Land Use Inventory

## Area 30 Activity Numbers





**CITY OF OTTAWA**  
**HLUI ID: \_\_679CQV**  
**AREA (Square Metres): 159.342**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:18:47

**Study Year**  
1998

**PIN**  
040360124

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9983 **Multiple PINS:** Y

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

**Related PINS:** 040360124

**Name:** OTTAWA MAGIC CLEANERS  
**Address:** 1262 WELLINGTON STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 812320       | 0          |

**Company Name**

OTTAWA MAGIC CLEANERS

**Year of Operation**

c. 2001





# Historical Land Use Inventory

## Area 31 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D1N**  
**AREA (Square Metres): 398.404**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 13:19:30

**Study Year**  
1998

**PIN**  
040360102

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 10860                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 5543  
**Related PINS:** 040360102

**Name:** PARKER'S CLEANERS AND DYERS  
**Address:** 1264 WELLINGTON STREET, OTTAWA  
**Facility Type:** Laundries and Cleaners  
**Comments 1:**  
**Comments 2:**

**Generator Number:**

**Storage Tanks:**

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

**HL References 2:**

**HL References 3:**

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

**Company Name**

Parker's Cleaners and Dyers

**Year of Operation**

c. 1960



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D1N**  
**AREA (Square Metres): 398.404**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:19:30

**Study Year**  
1998

**PIN**  
040360102

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8317 **Multiple PINS:** N

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

**Related PINS:** 040360102

**Name:** MAGIC REPRODUCTIONS  
**Address:** 1264 WELLINGTON STREET,  
**Facility Type:** Commercial Printing Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

| NAICS  | SIC |
|--------|-----|
| 323114 | 0   |
| 323115 | 0   |

| Company Name        | Year of Operation |
|---------------------|-------------------|
| MAGIC REPRODUCTIONS | c. 2005           |
| MAGIC REPRODUCTIONS | c. 2001           |



# Historical Land Use Inventory

## Area 32 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679DAB

AREA (Square Metres): 461.741

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:51:49

Study Year  
1998

PIN  
040360092

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 3153 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 5058

Related PINS: 040360092

Name: CARS CANADIAN AUTOMOTIVE REPAIR AND SERVICE

Address: 1272 WELLINGTON STREET, OTTAWA

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 811121 | 635 |
| 811119 | 635 |
| 811112 | 635 |

Company Name

Cars Canadian Automotive Repair and Service

Year of Operation

c. 1998



# Historical Land Use Inventory

## Area 33 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679AAF

AREA (Square Metres): 659.386

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:53:04

Study Year

1998

2005

PIN

040330001

040339502

Multi-NAIC

Y

Y

Multiple Activities

N

Y

Activity ID: 4354

Multiple PINS: N

PIN Certainty: 2

Previous Activity ID(s) : 379, 1930

Related PINS: 040330001

Name: DAVIS GARAGE

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1: - NE corner of Wellington & Caroline Ave.

Comments 2:

Generator Number:

Storage Tanks: 2 UST - gasoline

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1956;M.1960, M.1970, M.1980 FIP1956-312-2-1278, SC98

HL References 2:

HL References 3:

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

Company Name

Year of Operation

|                         |              |
|-------------------------|--------------|
| Jack Samuels Garage     | c. 1956      |
| Jack Samuels Garage     | c. 1960-1970 |
| Japan Auto Service Inc. | c. 1998      |
| Welch and Davis Garage  | c. 1930      |
| Ziebart Tidy Car        | c. 1998      |
| Davis Garage            | c. 1950      |
| Morris and Davis Ltd    | c. 1940      |



CITY OF OTTAWA

HLUI ID: \_\_679AAF

AREA (Square Metres): 659.386

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:53:04

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330001 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 5042 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: DUFRESNE PILING COMPANY (1967) LIMITED

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Structural and Related Work

Comments 1:

Comments 2:

Generator Number: ON8894825

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS SIC

238110 0

Company Name

DUFRESNE PILING COMPANY (1967) LIMITED

Year of Operation

c. 2003



CITY OF OTTAWA

HLUI ID: \_\_679AAF

AREA (Square Metres): 659.386

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:53:04

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330001 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 7243 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: ROUTEBURN WELLINGTON INC.  
 Address: 1277 WELLINGTON STREET, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Property Assessment

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

| Company Name               | Year of Operation |
|----------------------------|-------------------|
| JAPAN AUTO SERVICE INC.    | c. 2001           |
| ROUTE BURN WELLINGTON INC. | c. 2005           |



CITY OF OTTAWA

HLUI ID: \_\_679AAF

AREA (Square Metres): 659.386

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:53:04

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330001 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 8853 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: MILLENEX PLUMBING & HEATING INC.

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

238210 0

Company Name

MILLENEX PLUMBING & HEATING INC.

Year of Operation

c. 2001



# Historical Land Use Inventory

## Area 34 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_679AAD

AREA (Square Metres): 233.558

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:57:24

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330002 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 5042 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: DUFRESNE PILING COMPANY (1967) LIMITED

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Structural and Related Work

Comments 1:

Comments 2:

Generator Number: ON8894825

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS SIC

238110 0

Company Name

Year of Operation

DUFRESNE PILING COMPANY (1967) LIMITED

c. 2003



CITY OF OTTAWA

HLUI ID: \_\_679AAD

AREA (Square Metres): 233.558

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:57:24

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330002 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 7243 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: ROUTEBURN WELLINGTON INC.  
 Address: 1277 WELLINGTON STREET, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Property Assessment

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

| Company Name               | Year of Operation |
|----------------------------|-------------------|
| JAPAN AUTO SERVICE INC.    | c. 2001           |
| ROUTE BURN WELLINGTON INC. | c. 2005           |



CITY OF OTTAWA

HLUI ID: \_\_679AAD

AREA (Square Metres): 233.558

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:57:24

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330002 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 8853 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: MILLENEX PLUMBING & HEATING INC.

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

238210 0

Company Name

MILLENEX PLUMBING & HEATING INC.

Year of Operation

c. 2001



# Historical Land Use Inventory

## Area 35 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679AAE

AREA (Square Metres): 420.185

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:58:52

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330003 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

**Activity ID:** 4354                      **Multiple PINS:** N

**PIN Certainty:** 2                      **Previous Activity ID(s) :** 379, 1930

**Related PINS:** 040330001

**Name:** DAVIS GARAGE

**Address:** 1277 WELLINGTON STREET, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:** - NE corner of Wellington & Caroline Ave.

**Comments 2:**

**Generator Number:**

**Storage Tanks:** 2 UST - gasoline

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1956;M.1960, M.1970, M.1980 FIP1956-312-2-1278, SC98

**HL References 2:**

**HL References 3:**

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

| Company Name            | Year of Operation |
|-------------------------|-------------------|
| Jack Samuels Garage     | c. 1956           |
| Jack Samuels Garage     | c. 1960-1970      |
| Japan Auto Service Inc. | c. 1998           |
| Welch and Davis Garage  | c. 1930           |
| Ziebart Tidy Car        | c. 1998           |
| Davis Garage            | c. 1950           |
| Morris and Davis Ltd    | c. 1940           |



CITY OF OTTAWA

HLUI ID: \_\_679AAE

AREA (Square Metres): 420.185

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:58:52

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330003 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 5042 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: DUFRESNE PILING COMPANY (1967) LIMITED

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Structural and Related Work

Comments 1:

Comments 2:

Generator Number: ON8894825

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS SIC

238110 0

Company Name

Year of Operation

DUFRESNE PILING COMPANY (1967) LIMITED

c. 2003



CITY OF OTTAWA

HLUI ID: \_\_679AAE

AREA (Square Metres): 420.185

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:58:52

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330003 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 7243 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: ROUTEBURN WELLINGTON INC.  
 Address: 1277 WELLINGTON STREET, OTTAWA  
 Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Property Assessment

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

| Company Name               | Year of Operation |
|----------------------------|-------------------|
| JAPAN AUTO SERVICE INC.    | c. 2001           |
| ROUTE BURN WELLINGTON INC. | c. 2005           |



CITY OF OTTAWA

HLUI ID: \_\_679AAE

AREA (Square Metres): 420.185

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:58:52

| Study Year | PIN       | Multi-NAIC | Multiple Activities |
|------------|-----------|------------|---------------------|
| 1998       | 040330003 | Y          | N                   |
| 2005       | 040339502 | Y          | Y                   |

Activity ID: 8853 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040339502

Name: MILLENEX PLUMBING & HEATING INC.

Address: 1277 WELLINGTON STREET, OTTAWA

Facility Type: Mechanical Specialty Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC

238210 0

Company Name

MILLENEX PLUMBING & HEATING INC.

Year of Operation

c. 2001



# Historical Land Use Inventory

## Area 36 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679C20**  
**AREA (Square Metres): 229.362**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 13:59:41

**Study Year**  
1998

**PIN**  
040340106

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 11242                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6945  
**Related PINS:** 040340106  
**Name:** R.W. ALEXANDER AND CO. LIMITED  
**Address:** 1275 WELLINGTON STREET, OTTAWA  
**Facility Type:** Platemaking, Typesetting and Bindery Industry  
**Comments 1:**  
**Comments 2:**  
**Generator Number:** ON1437500  
**Storage Tanks:**  
**HL References 1:** PID1994  
**HL References 2:**  
**HL References 3:** 2000 PID

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 562910       | 0          |
| 812921       | 282        |
| 323120       | 0          |
| 812921       | 0          |
| 323120       | 282        |

| <b>Company Name</b>            | <b>Year of Operation</b> |
|--------------------------------|--------------------------|
| R.W. Alexander and Co. Ltd.    | c. 1994                  |
| R.W. ALEXANDER AND CO. LIMITED | c. 2001                  |
| R.W. ALEXANDER AND CO. LIMITED | c. 2000                  |



CITY OF OTTAWA

HLUI ID: \_\_679C20

AREA (Square Metres): 229.362

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 13:59:41

Study Year  
1998

PIN  
040340106

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6746 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340106

Name: HOUSE OF STAPLES THE  
Address: 1275 WELLINGTON STREET, OTTAWA  
Facility Type: Paper Box and Bag Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC  
322299 0

Company Name

HOUSE OF STAPLES THE

Year of Operation

c. 2001



# Historical Land Use Inventory

## Area 37 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FPS**  
**AREA (Square Metres): 1442.849**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:00:14

**Study Year**  
1998

**PIN**  
040340104

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 10980                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5542  
**Related PINS:** 040340103  
**Name:** PAUL CARDINAL LIMITED  
**Address:** 1259 WELLINGTON STREET, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops  
**Comments 1:**  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1960, M.1970, M.1980  
**HL References 2:**  
**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 811119       | 635        |
| 811121       | 635        |
| 811112       | 635        |

| <b>Company Name</b> | <b>Year of Operation</b> |
|---------------------|--------------------------|
| Paul Cardinal Ltd.  | c. 1960                  |



CITY OF OTTAWA

HLUI ID: \_\_679FPS

AREA (Square Metres): 1442.849

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:00:14

Study Year  
1998

PIN  
040340104

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 12924 Multiple PINS: N

PIN Certainty: 2 Previous Activity ID(s) : 6944

Related PINS: 040340104

Name: SKETCHLEY CLEANING SERVICES LIMITED

Address: 1263 WELLINGTON STREET, OTTAWA

Facility Type: Laundries and Cleaners

Comments 1: GEN# = ON0240424

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: PID1994

HL References 2:

HL References 3:

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

Company Name

Sketchley Cleaning Services Ltd.

Year of Operation

c. 1994



# Historical Land Use Inventory

## Area 38 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EMN**  
**AREA (Square Metres): 546.481**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:03:14

**Study Year**  
1998

**PIN**  
040340103

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 10980                      **Multiple PINS:** Y  
**PIN Certainty:** 2                      **Previous Activity ID(s) :** 5542  
**Related PINS:** 040340103  
**Name:** PAUL CARDINAL LIMITED  
**Address:** 1259 WELLINGTON STREET, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops  
**Comments 1:**  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** M.1960, M.1970, M.1980  
**HL References 2:**  
**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 811119       | 635        |
| 811121       | 635        |
| 811112       | 635        |

| <b>Company Name</b> | <b>Year of Operation</b> |
|---------------------|--------------------------|
| Paul Cardinal Ltd.  | c. 1960                  |



# Historical Land Use Inventory

## Area 39 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_679EF8**

**AREA (Square Metres): 1003.405**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:03:52

**Study Year**  
1998

**PIN**  
040340087

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 12439

**Multiple PINS:** N

**PIN Certainty:** 1

**Previous Activity ID(s) :** 375

**Related PINS:** 040340087

**Name:** SHELL OIL COMPANY OF CANADA  
**Address:** 1251 WELLINGTON STREET, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:** 2 UST - gasoline

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1956, M.1960, M.1970, M.1980; FIP1956-312-2-1037

**HL References 2:**

**HL References 3:**

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

**Company Name**

**Year of Operation**

|                             |              |
|-----------------------------|--------------|
| Shell Oil Company of Canada | c. 1950      |
| Fuller L Whitney            | c. 1940      |
| Edward Joiner               | c. 1956-1960 |
| Holland Service Station     | c. 1930      |
| Ron's Service Station       | c. 1960-1970 |



# Historical Land Use Inventory

## Area 40 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_67999H**

**AREA (Square Metres): 1222.871**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:04:26

**Study Year**  
2005

**PIN**  
154460000

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 11002 **Multiple PINS:** N

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

**Related PINS:** 154460000

**Name:** PC CYBER COMPUTERS INC.

**Address:** 95 HOLLAND AVENUE, OTTAWA

**Facility Type:** Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 443120       | 0          |

**Company Name**

PC CYBER COMPUTERS INC.

**Year of Operation**

c. 2001



# Historical Land Use Inventory

## Area 41 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679EFD

AREA (Square Metres): 1014.032

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:04:52

Study Year  
1998

PIN  
040350014

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 10808 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 4262

Related PINS: 040350014

Name: PROSHINE CAR WASH  
Address: 1233 WELLINGTON STREET, OTTAWA

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: SC98

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 811112 | 635 |
| 488410 | 639 |
| 811121 | 635 |
| 811119 | 635 |

Company Name

Proshine Car Wash

Year of Operation

c. 1998



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EFD**  
**AREA (Square Metres): 1014.032**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:04:52

**Study Year**  
1998

**PIN**  
040350014

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 433 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 559

**Related PINS:** 040350014

**Name:** 898742 ONTARIO INC.

**Address:** 1233 WELLINGTON STREET, OTTAWA

**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:** ON1477700

**Storage Tanks:**

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1960, M.1970, M.1980; PID1994

**HL References 2:**

**HL References 3:** 2000 PID

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

**Company Name**

**Year of Operation**

|                                      |         |
|--------------------------------------|---------|
| Feldberg Maurice Cleaner and Presser | c. 1930 |
| 898742 ONTARIO INC.                  | c. 2000 |
| Valetor Cleaners                     | c. 1980 |
| Spic and Span                        | c. 1994 |
| Ontario Inc.                         | c. 1994 |



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EFD**  
**AREA (Square Metres): 1014.032**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:04:52

**Study Year**  
1998

**PIN**  
040350014

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 7759 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 1928

**Related PINS:** 040350014

**Name:** MARIO'S BP SERVICE STATION  
**Address:** 1233 WELLINGTON STREET, OTTAWA  
**Facility Type:** Gasoline Service Stations

**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 |
|--------|-----|
| 811199 | 633 |
| 447190 | 633 |
| 447110 | 633 |

**Company Name**

Mario's BP Service Station

**Year of Operation**

c. 1970



# Historical Land Use Inventory

## Area 42 Activity Numbers





# Historical Land Use Inventory

## Area 43 Activity Numbers





# Historical Land Use Inventory

## Area 44 Activity Numbers





# Historical Land Use Inventory

## Area 45 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679EOO

AREA (Square Metres): 569.076

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:10:05

Study Year  
1998

PIN  
040350150

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 5967 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 5702

Related PINS: 040350149

Name: G + K AUTO SERVICE  
Address: WELLINGTON STREET, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1: 1181 to 1185

Comments 2:

Generator Number:

Storage Tanks: FIP1948, FIP1956- Three USTs in south west corner of property

HL References 1: M.1949, M.1957; FIP1912-134-1043,Vol2; FIP1922-134-1043,Vol2; FIP1948-313-1043; FIP1956-313-1-1043

HL References 2:

HL References 3:

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

Company Name

G + K Auto Service

Year of Operation

c. 1948-1957



**CITY OF OTTAWA**

**HLUI ID: \_\_679EOO**

**AREA (Square Metres): 569.076**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:10:05

**Study Year**  
1998

**PIN**  
040350150

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6271 **Multiple PINS:** N

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

**Related PINS:** 040350150

**Name:** HABITAT FURNITURE  
**Address:** 1191 WELLINGTON STREET, OTTAWA  
**Facility Type:** Household Furniture Stores

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

**NAICS**      **SIC**  
442110      0

**Company Name**

HABITAT FURNITURE

**Year of Operation**

c. 2001



# Historical Land Use Inventory

## Area 46 Activity Numbers





**CITY OF OTTAWA**  
**HLUI ID: \_\_679DNZ**  
**AREA (Square Metres): 332.692**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:10:39

**Study Year**  
1998

**PIN**  
040350134

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 1908 **Multiple PINS:** N

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

**Related PINS:** 040350134

**Name:** C ARMSTRONG MOTORS OTTAWA  
**Address:** 24 HAMILTON AVENUE NORTH, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Property Assessment

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

| Company Name              | Year of Operation |
|---------------------------|-------------------|
| C ARMSTRONG MOTORS OTTAWA | c. 2005           |
| C ARMSTRONG MOTORS OTTAWA | c. 2001           |



# Historical Land Use Inventory

## Area 47 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D5T**  
**AREA (Square Metres): 426.277**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:11:15

**Study Year**  
1998

**PIN**  
040350136

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 11082                      **Multiple PINS:** N

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

**Related PINS:** 040350136

**Name:** PRECISION TRANSFER

**Address:** 22 HAMILTON AVENUE, OTTAWA

**Facility Type:** Motion Picture Laboratories and Video Production Facilities

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 512110       | 0          |

**Company Name**

PRECISION TRANSFER

**Year of Operation**

c. 2001



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D5T**  
**AREA (Square Metres): 426.277**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:11:15

**Study Year**  
1998

**PIN**  
040350136

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4700 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 593

**Related PINS:** 040350136

**Name:** E.M.S. ELECTRICAL LIMITED

**Address:** 22 HAMILTON AVENUE, OTTAWA

**Facility Type:** Other Repair Services

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** FIP1948-313-1041. FIP56-313/1-1041. Fip1922-134-1041,vol2. FIP1912-134-1041.vol1.M.1949,M.1957.; M.1960, M.1970, M.1980

**HL References 2:**

**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 811411       | 994        |

**Company Name**

E.M.S. Electrical Ltd.

**Year of Operation**

c. 1948-1970



# Historical Land Use Inventory

## Area 48 Activity Numbers







CITY OF OTTAWA

HLUI ID: \_\_679D01

AREA (Square Metres): 457.512

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:11:50

Study Year  
1998

PIN  
040350137

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2897 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) : 184

Related PINS: 040350137

Name: CANADIAN UNDERFEED COAL BURNERS

Address: 20 HAMILTON AVENUE, OTTAWA

Facility Type: Other Storage and Warehousing Industries

Comments 1: Additional References: FIP1956-313/1-1041. FIP1922-134-041.vol.2. FIP1912-134-1041.vol.2. FIP1948-313-1041. FIP1956-313/1-1041. FIP1922-134-041.vol.2. FIP1912-134-1041.vol.2. FIP1922 shows iron storage building at rear of property.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1949, M.1950, M.1957; FIP1948-313-1041.\*See Comments For More References.

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 333413 | 307 |
| 333310 | 307 |
| 493120 | 479 |
| 493130 | 479 |
| 493190 | 479 |
| 333416 | 307 |

Company Name

Canadian Underfeed Coal Burners

Year of Operation

c. 1922-1950



CITY OF OTTAWA

HLUI ID: \_\_679D01

AREA (Square Metres): 457.512

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:11:50

Study Year  
1998

PIN  
040350137

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 4345 Multiple PINS: Y  
PIN Certainty: 2 Previous Activity ID(s) : 1919

Related PINS: 040350137

Name: DAVIDSON FOUNDRY  
Address: HAMILTON AVENUE, OTTAWA

Facility Type: Iron Foundries

Comments 1: FIP1948 - listed @ 16 no # 18 Hamilton M. 1949 - listed @ # 16

Comments 2: 16 to 18

Generator Number:

Storage Tanks:

HL References 1: M.1900, M.1910, M.1920, M.1930, M.1940, M.1950, M.1958, M.1961, M.1964-65, S.1958, S.1961, S.1964-65;  
FIP1912-134-1041,vol2; FIP1922-134-1041,vol2; FIP1948-313-1041; FIP1956-313-1-1041; M.1949, M.1957

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332810 | 294 |
| 331511 | 294 |

| Company Name                 | Year of Operation |
|------------------------------|-------------------|
| Davidson Foundry             | c. 1940-1965      |
| Davidson and Crookes Foundry | c. 1920-1930      |





# Historical Land Use Inventory

## Area 49 Activity Numbers



**CITY OF OTTAWA**

**HLUI ID: \_\_67999M**

**AREA (Square Metres): 481.915**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:12:27

**Study Year**  
2005

**PIN**  
040350062

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 2647 **Multiple PINS:** N

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

**Related PINS:** 040350062

**Name:** CENTRAL TILE CO  
**Address:** 92 HINTON AVENUE, OTTAWA

**Facility Type:** Interior and Finishing Work

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

**NAICS**      **SIC**  
238340      0

**Company Name**

CENTRAL TILE CO

**Year of Operation**

c. 2001



# Historical Land Use Inventory

## Area 50 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679E0H**  
**AREA (Square Metres): 783.091**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:15:58

**Study Year**  
1998

**PIN**  
040350138

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 2543 **Multiple PINS:** N

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

**Related PINS:** 040350138

**Name:** CAA NORTH & EAST ONTARIO  
**Address:** 16 HAMILTON AVENUE, OTTAWA  
**Facility Type:** Other Motor Vehicle Services

**Comments 1:**  
**Comments 2:**

**Generator Number:** ON0890503

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2000 PID

**NAICS**      **SIC**  
 488410      0

**Company Name**

CAA NORTH & EAST ONTARIO

**Year of Operation**

c. 2000





# Historical Land Use Inventory

## Area 51 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679FAA**  
**AREA (Square Metres): 3533.911**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:16:33

**Study Year**  
1998

**PIN**  
040350069

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 14688                      **Multiple PINS:** N  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 5065  
**Related PINS:** 040350069  
**Name:** VOGUE BRASSIERE INC.  
**Address:** 7 HINTON AVENUE, OTTAWA  
**Facility Type:** Children's Clothing Industry  
**Comments 1:**  
**Comments 2:**  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** SC98  
**HL References 2:**  
**HL References 3:** 2001 Employment Survey

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 0            | 249        |
| 315231       | 0          |

| <b>Company Name</b>  | <b>Year of Operation</b> |
|----------------------|--------------------------|
| VOGUE BRASSIERE INC. | c. 2001                  |
| Vogue Brassiere Inc. | c. 1998                  |



CITY OF OTTAWA

HLUI ID: \_\_679FAA

AREA (Square Metres): 3533.911

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:16:33

Study Year  
1998

PIN  
040350069

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 14915 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040350069

Name: WONDER FORM DESSOUS INC.

Address: 7 HINTON AVENUE NORTH,

Facility Type: Women's Clothing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

| NAICS  | SIC |
|--------|-----|
| 315232 | 0   |

**Company Name**

WONDER FORM DESSOUS INC.

**Year of Operation**

c. 2005





**CITY OF OTTAWA**  
**HLUI ID: \_\_679FAA**  
**AREA (Square Metres): 3533.911**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:16:33

**Study Year**  
1998

**PIN**  
040350069

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 3088 **Multiple PINS:** Y

**PIN Certainty:** 2 **Previous Activity ID(s) :** 3445

**Related PINS:** 040340191

**Name:** CAPITAL WIRE CLOTH MANUFACTURING CO. LIMITED

**Address:** 4 HAMILTON AVENUE, OTTAWA

**Facility Type:** Wire and Wire Products Industries

**Comments 1:** Unit 2

**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 |
|--------|-----|
| 333990 | 305 |
| 332619 | 305 |
| 331222 | 305 |
| 334512 | 305 |

**Company Name**

Capital Wire Cloth Manufacturing Co. Ltd.

**Year of Operation**

c. 1920



# Historical Land Use Inventory

## Area 52 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679D7J

AREA (Square Metres): 439.577

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:17:06

Study Year  
1998

PIN  
040350068

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 12395 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040350068

Name: SAPACON DRYWALL LIMITED

Address: 2 HINTON AVENUE NORTH,

Facility Type: Exterior Close In Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 238310       | 0          |

| Company Name            | Year of Operation |
|-------------------------|-------------------|
| SAPACON DRYWALL LIMITED | c. 2005           |
| SAPACON DRYWALL LIMITED | c. 2001           |



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D7J**  
**AREA (Square Metres): 439.577**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:17:06

**Study Year**  
1998

**PIN**  
040350068

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 6492 **Multiple PINS:** N

**PIN Certainty:** 2 **Previous Activity ID(s) :** 845

**Related PINS:** 040350068

**Name:** J. ROBINSON AND SON  
**Address:** 2 HINTON AVENUE, OTTAWA

**Facility Type:** Aluminum Rolling, Casting and Extruding Industry

**Comments 1:** FIP1912, FIP1922 - vacant lot

**Comments 2:**

**Generator Number:**

**Storage Tanks:** 2 UST - contents unspecified - tanks appear to be in center of building

**HL References 1:** S.1958, S.1961, S.1966-65, M.1958, M.1961, M.1964, M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1960, M.1970, M.1980; FIP1912-133-900,vol2; FIP1922-133-900,vol2; FIP1948-311-900; FIP1956-311-1-900

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 332113 | 296 |
| 331420 | 297 |
| 331317 | 296 |
| 331529 | 296 |

**Company Name**

J. Robinson and Son

**Year of Operation**

c. 1948-1970



# Historical Land Use Inventory

## Area 53 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_6790AX

AREA (Square Metres): 153.017

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:17:40

Study Year  
2005

PIN  
040350007

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 11811 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040350007

Name: ROY'S UPHOLSTERY

Address: 282 ARMSTRONG STREET,

Facility Type: Other Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

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

| Company Name     | Year of Operation |
|------------------|-------------------|
| ROY'S UPHOLSTERY | c. 2001           |
| ROY'S UPHOLSTERY | c. 2005           |



# Historical Land Use Inventory

## Area 54 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D6B**  
**AREA (Square Metres): 438.567**

Report: RPTC\_OT\_DEV0122  
 Run On: 08 Feb 2021 at: 14:18:04

**Study Year**  
1998

**PIN**  
040350001

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 13564 **Multiple PINS:** N

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

**Related PINS:** 040350001

**Name:** TEDAC HOLDINGS LIMITED  
**Address:** 65 HOLLAND AVENUE, OTTAWA  
**Facility Type:** Motor Vehicle Repair Shops

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Property Assessment

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

**Company Name**

TEDAC HOLDINGS LIMITED

**Year of Operation**

c. 2005



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D6B**  
**AREA (Square Metres): 438.567**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:18:04

**Study Year**  
1998

**PIN**  
040350001

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 3098 **Multiple PINS:** N

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

**Related PINS:** 040350001

**Name:** CAR CLINIC THE

**Address:** 65 HOLLAND AVENUE,

**Facility Type:** Motor Vehicles, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

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

**Company Name**

**Year of Operation**

CAR CLINIC THE c. 2001

CAR CLINIC THE c. 2005



**CITY OF OTTAWA**  
**HLUI ID: \_\_679D6B**  
**AREA (Square Metres): 438.567**

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:18:04

**Study Year**  
1998

**PIN**  
040350001

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 8801 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 190

**Related PINS:** 040350001

**Name:** MONTGOMERY MOTORS

**Address:** 65 HOLLAND AVENUE, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:** - SE corner of Holland & Spencer St.

**Comments 2:**

**Generator Number:**

**Storage Tanks:** 2 UST - gasoline

**HL References 1:** M.1900, M.1910, M.1920, M.1930, M.1940, M.1948, M.1950, M.1956, M.1960, M.1970, M.1980; SC98; FIP1948-311-900; FIP1956-311-1-900

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 811112 | 635 |
| 811121 | 635 |
| 447110 | 633 |
| 454310 | 511 |
| 811119 | 635 |
| 811199 | 633 |
| 447190 | 633 |
| 412110 | 511 |
| 419120 | 511 |

**Company Name**

**Year of Operation**

|                                 |              |
|---------------------------------|--------------|
| Silver Star Motors Ltd.         | c. 1960      |
| Altravan Automotive Services    | c. 1998      |
| Montgomery Motors               | c. 1950      |
| Reiss Motors                    | c. 1948-1956 |
| Independent Fuels & Lumber Ltd. | c. 1970-1980 |



# Historical Land Use Inventory

## Area 55 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_6799CA

AREA (Square Metres): 295.346

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:18:46

Study Year  
2005

PIN  
040340067

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 3836 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040340067

Name: CREATIVE CONCEPTS  
Address: 81 HURON AVENUE NORTH,  
Facility Type: Photographers

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS SIC  
541920 0

| Company Name      | Year of Operation |
|-------------------|-------------------|
| CREATIVE CONCEPTS | c. 2005           |
| CREATIVE CONCEPTS | c. 2001           |



# Historical Land Use Inventory

## Area 56 Activity Numbers





# Historical Land Use Inventory

## Area 57 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_670IJV

AREA (Square Metres): 9483.042

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:19:45

Study Year  
1998

PIN  
154760000

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 1448 Multiple PINS: Y

PIN Certainty: 2 Previous Activity ID(s) : 1577

Related PINS: 154760000

Name: BEACH FOUNDRY LIMITED

Address: 75 SPENCER STREET, OTTAWA

Facility Type: Major Appliance Industry (Electric and Non Electric)

Comments 1: Manufacturers of electric and gas ranged, coal stoves, oil and gas furnaces, air conditioning furnaces, oil burners. Manufactureres of stoves furnaces and grey iron castings. At same address as Alexander Fleck Ltd. - foundry.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1958, M.1960, M.1961, M.1964, M.1970, M.1980; S.1958, S.1961, S.1964, S.1965, S.1970, S.1971

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 332991 | 319 |
| 331511 | 294 |
| 333413 | 307 |
| 333291 | 319 |
| 336510 | 319 |
| 333220 | 319 |
| 333210 | 319 |
| 332810 | 294 |
| 335990 | 319 |
| 336211 | 319 |
| 333130 | 319 |
| 333110 | 319 |
| 333299 | 319 |
| 333910 | 319 |
| 336120 | 319 |
| 333310 | 307 |
| 333611 | 319 |
| 333120 | 319 |
| 333416 | 307 |
| 335223 | 332 |

Company Name

Beach Foundry Ltd.

Year of Operation

c. 1958-1971



CITY OF OTTAWA

HLUI ID: \_\_670IJV

AREA (Square Metres): 9483.042

Report: RPTC\_OT\_DEV0122

Run On: 08 Feb 2021 at: 14:19:45

Study Year  
1998

PIN  
154760000

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 4995 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 154760000

Name: DRC ENVIRONMENTAL SVC CANADA  
Address: 45 HOLLAND AVENUE,  
Facility Type: Service Industries Incidental to Air Transport  
Comments 1: #807  
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

DRC ENVIRONMENTAL SVC CANADA

Year of Operation

c. 2005

## Mark St. Pierre

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** January 29, 2021 12:29 PM  
**To:** Mark St. Pierre  
**Subject:** RE: Records Search request for 91 & 93 Holland Avenue, Ottawa Ontario.

Good afternoon,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

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](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.

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.

Thanks,



**Sherees Thompson | Public Information Agent**

Facilities  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: [sthompson@tssa.org](mailto:sthompson@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

**From:** Mark St. Pierre <MStPierre@Patersongroup.ca>  
**Sent:** January 29, 2021 12:15 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** Records Search request for 91 & 93 Holland Avenue, Ottawa Ontario.

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

Good afternoon,

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

91 Holland Avenue  
93 Holland Avenue  
65 Holland Avenue

1020 Wellington Street West  
106 Holland Avenue  
1217 Wellington Street West  
6 Hamilton Avenue North  
1226 Wellington Street West  
1235 Wellington Street West  
92 Hinton Avenue North

Regards,

Mark St Pierre, B.Eng.

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

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Tel: (613) 226-7381 Ext. 243  
Email: [mstpierre@patersongroup.ca](mailto:mstpierre@patersongroup.ca)  
Cell: (613) 229-9822

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# **APPENDIX 3**

## **QUALIFICATIONS OF ASSESSORS**

Geotechnical  
Engineering

Environmental  
Engineering

Hydrogeology

Geological  
Engineering

Materials Testing

Building Science

Archaeological  
Services

## POSITION

Intermediate Environmental Engineer

## EDUCATION

Carleton University, B.Eng., 2015  
Environmental Engineering

## EXPERIENCE

*2018 – Present*

**Paterson Group Inc.**

Consulting Engineers  
Geotechnical and Environmental Division  
Intermediate Environmental Engineer

*2013 – 2018*

**InAIR Environmental Limited**

Environmental Consulting Firm  
Environmental Consultant and Project Manager

## SELECT LIST OF PROJECTS

Designated Substance Surveys – Residential and Commercial Sites – Ottawa  
Asbestos Air Testing – Residential and Commercial Sites – Ottawa  
Mould Testing – Residential and Commercial Sites Locations  
Phase I Environmental Site Assessments – Residential and Commercial Sites –  
Ottawa (CSA Z768-01 & MECP)  
Contaminated Soil and Groundwater Sampling – Various Sites – Ottawa  
Remediation Programs – Various Sites - Ottawa

Geotechnical  
Engineering

Environmental  
Engineering

Hydrogeology

Geological  
Engineering

Materials Testing

Building Science

Archaeological  
Services

## POSITION

Intermediate Environmental Engineer

## EDUCATION

Carleton University, B.Eng. 2002  
Environmental Engineering

## MEMBERSHIPS AND AWARDS

Professional Engineers of Ontario  
Ottawa Geotechnical Society

## EXPERIENCE

*2011-present*

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

*2009-2010*

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

*2003 to 2009*

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

*2002 to 2003*

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

## SELECT LIST OF PROJECTS

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