

**Geotechnical
Engineering**

**Environmental
Engineering**

Hydrogeology

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Engineering**

Materials Testing

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**Archaeological
Services**

patersongroup

Phase I Environmental Site Assessment

765 Montreal Road
Ottawa, Ontario

Prepared For

Shepherds of Good Hope

Paterson Group Inc.

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December 5, 2016

Report: PE3915-1

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EXECUTIVE SUMMARY

Assessment

A Phase I-ESA was carried out for the property at 765 Montreal Road, in the City of Ottawa, Ontario. The purpose of this environmental assessment was to research the past and current use of the site and neighbouring properties within the Phase I-ESA study area and identify any environmental concerns with the potential to impact the subject property.

The historical research indicated that the subject site was first developed sometime pre-1958 with a single family residential building. Surrounding properties have consisted of institutional, commercial, or residential properties since development. Several of the institutional properties have since been redeveloped as commercial or residential properties.

Following the historical review, a site visit was conducted. The subject property is occupied by a vacant residential dwelling. The remainder of the property is covered by mature trees and brush. Surrounding properties consist of residential dwellings to the north, vacant property to the east, commercial property to the west, institutional property to the northwest, and commercial and residential properties to the south. No potentially contaminating activities were identified on the subject property.

Several potentially contaminating activities were identified in the Phase I-ESA study area however, based on the separation distance from the subject site, these PCAs are not considered to pose an area of potential environmental concern on the subject site.

Conclusion

Based on the results of this Phase I ESA, **in our opinion, a Phase II Environmental Site Assessment is not required for the property.**

1.0 INTRODUCTION

At the request of Shepherds of Good Hope (Shepherds), Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of the property located at 765 Montreal Road, 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. Rob Searle of Shepherds of Good Hope. Shepherds offices are located at 233 Murray Street, Ottawa, Ontario. Mr. Searle can be reached by telephone at (613) 789-8210.

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

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (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:	765 Montreal Road, Ottawa, Ontario.
Legal Description:	Part Lot 6, Plan 486, in the City of Ottawa, Ontario.
Property Identification Numbers:	04275-0071 and 04275-0072.
Location:	The subject site is located at the northeast corner of the Montreal Road and Lang's Road intersection. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 28' 58" N, 75° 31' 16" W.
Site Description:	
Configuration:	Rectangular.
Site Area:	1490 m ² (approximate)
Zoning:	AM –Arterial Main Street.
Current Use:	The subject site is a vacant residence building.
Services:	The subject site is municipally serviced, but homes within the Phase I ESA Study Area are on private wells and septic systems.

3.0 SCOPE OF INVESTIGATION

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

- ☐ Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- ☐ Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- ☐ Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- ☐ Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- ☐ Provide a preliminary environmental site evaluation based on our findings;
- ☐ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

Based on aerial photographs, it appears that the subject property was developed with a single family dwelling prior to 1958. A title search shows that the property was originally registered to an individual in 1842 and has been owned by individuals ever since. Based on the aerial photographs and the chain of title, the first developed use of the subject site is considered to be residential, prior to that the site use is considered to have been unused.

Fire Insurance Plans

Fire insurance plans of the subject site are not available. Fire insurance plans for the west side of Lang's Road are available. The west side of Lang's Road is shown as a motel. Further to the west, a Contractors office is present. To the northwest of the subject site, Hopital St. Louis-Marie de Montfort is present. The remainder of the properties appear to be residential or offices.

The contractors yard is considered to represent a potentially contaminating activity with respect to the subject site, however, based on the FIPs the contractors yard is not considered to be an area of potential environmental concern to the subject site.

City of Ottawa Street Directories

City directories at the National Archives were reviewed in approximate 10 year intervals from 1991 to 2010 as part of the Phase I ESA.

The subject site is first listed in 1957 as a residential property. In 1970 and 1975 the property was listed as the "Union des Cultivateurs Franco Ontariens". This association is an agricultural union representing French farmers in Ontario. During all other years searched and more recently the property has been listed as residential.

No concerns were identified with any properties within the Phase I ESA Study Area during a review of the street directories.

Chain of Title

Paterson verified the current land title for the subject property with Read Abstracts Limited. According to the Chain of Title dated November 28, 2016, the subject property is owned by Nicole Presentey and Kam-Tong Chan. The patent was registered to James Stevenson in June 1842. The property was transferred between private owners since it was first registered. Nicole Presentey confirmed she is still the owner of the subject site.

Environmental Reports

Paterson has completed a Designated Substance Survey (DSS) for the subject site in conjunction with this Phase I ESA. The DSS for the subject site is available under a separate cover.

Paterson has completed several geotechnical and environmental reports in the area of the subject site. No concerns to the subject site were identified during a review of these files.

Plan of Survey

A surveyor's real property report, prepared by Farley, Smith and Dennis Surveying Limited, was reviewed as part of this assessment. The plan is dated November 25, 2016. The property report shows the subject site in its current configuration.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on November 3, 2016. The subject site was not listed in the NPRI database. No properties within the Phase I ESA Study Area are listed in the NPRI database.

PCB Inventory

The Montfort Hospital, approximately 130m to the northwest, of the subject site is listed in the PCB inventory. Based on the information contained in the PCB inventory, the property is not considered to pose a concern.

Ontario Ministry of Environment and Climate Change (MOECC) Instruments

A request was submitted to the MOECC Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MOECC issued instruments for the site. A response dated November 17, 2016 indicated that no records were found during a search of the MOECC files.

MOECC Incident Reports

A request was submitted to the MOECC Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MOECC for the site or adjacent properties. A response dated November 17, 2016 indicated that no records were found during a search of the MOECC files.

MOECC Waste Management Records

A request was submitted to the MOECC Freedom of Information office for information with respect to waste management records. A response dated November 17, 2016 indicated that no records were found during a search of the MOECC files.

MOECC Submissions

A request was submitted to the MOECC Freedom of Information office for information with respect to reports related to environmental conditions have been submitted to the MOECC. A response dated November 17, 2016 indicated that no records were found during a search of the MOECC files.

MOECC Brownfields Environmental Site Registry

A search of the MOECC Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the subject property. One RSC was identified for the property to the south of the subject site, across Montreal Road. Based on the information contained in the RSC filing, the property is not considered to pose an environmental concern to the subject site.

MOECC Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial

manufactured gas plants and coal tar distillation plants in the Province of Ontario. Based on the available information, no waste disposal sites were present 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 November 3, 2016. The search did not reveal any natural features or areas of natural significance within the Phase I study area

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on November 9, 2016 to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. No records are listed in the TSSA registry for the subject site. The TSSA has a record of two (2) active underground fuel oil tanks at 713 Montreal Road (Montfort Hospital). Based on the location and subsurface conditions in the area of the subject site the USTs identified as part of the TSSA search are not considered to be an area of potential environmental concern to the subject site. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. No former landfill sites are located within 250 m of the subject site.

City of Ottawa Historical Land Use Inventory (HLUI)

A search request was submitted to the City of Ottawa’s Historical Land Use Inventory (HLUI) database as part of this assessment. The HLUI report indicates that one activity is present on the subject site, Moneca Kaiser Design Build. The activity is addressed for an adjacent property and is not considered to represent a PCA or an environmental concern to the subject property. This activity is not considered to pose an environmental concern to the subject site. Three activities are present for properties within 50m of the subject site. None of these activities are considered to pose an environmental concern to the subject site.

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:

- | | |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1955 | The subject property appears treed. No building is visible in the treed area. Piles of fill material can be seen at the rear of the contractor's yard further to the west. Neighbouring properties appear to be primarily residential to the north and east, institutional to the west and south. |
| 1958 | (City of Ottawa website) A residential building can be seen on the subject site. No significant changes have been made to the neighbouring properties. |
| 1973 | A residential dwelling has been constructed on the subject site. Further institutional and residential development has taken place in the area surrounding the subject site. |
| 1984 | No significant changes appear to have been made to the subject site. Significant development has occurred on the Montfort Hospital property further to the west. No significant changes have been made to other surrounding properties. |
| 1993 | No significant changes appear to have been made to the subject site. Development of the adjacent properties continues. |
| 2001 | No significant changes appear to have been made to the subject site or surrounding properties. |
| 2014 | (City of Ottawa website) No significant changes appear to have been made to the subject site. To the south the former institutional property is being redeveloped. Several buildings appear to have been demolished. No other significant changes have been made to the surrounding properties. |

No areas of potential environmental concern were identified during a review of the aerial photos. 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. The site is located near a regional high point, with the topography generally sloping downwards in the south and west directions. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

The Physiographic Regions Map, published by The Atlas of Canada was reviewed as a part of this assessment. According to the map, the site is situated within the St. Lawrence Low Lands. 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, “where the land is rarely more than 150 m above sea level, except for the Monteregion Hills, which consist of intrusive igneous rocks.”

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, consists of limestone of the Bobcaygeon formation. Overburden throughout the subject site consists of plain till or bedrock. Based on information from the Geological Survey of Canada website, the overburden thickness appears to range from 0 - 5m.

Water Well Records

Based on well records, no drinking water or monitoring wells are located on the subject site. Several drinking water wells are located in Phase I ESA Study area. These wells are considered to be still in use. No concerns with respect to the subject site were identified during a review of the drinking water wells.

Several monitoring wells were identified in the Phase I ESA Study area. The wells are clustered in two locations; to the northwest, on the property of the Montfort Hospital and to the south, on the former forestry research laboratory site. Based on the separation distance the Montfort Hospital is not considered to pose an environmental concern to the subject property. Based on the information contained in the RSC filing and the separation distance, the former forestry laboratories are not considered to pose an environmental concern to the subject site.

Water Bodies and Areas of Natural Significance

No creeks, rivers, streams, lakes or any other water body were identified in the Phase I study area. The majority of the study area consists of residential dwellings. The Ottawa River is the closest significant water body and is located approximately 2 km north of the subject site. No areas of natural significance are known to exist within the Phase I study area.

5.0 INTERVIEWS

Property Owner Representative

Ms. Nicole Presentey, the current owner of the subject site, was interviewed as part of this assessment. The interview was conducted via email. Ms. Presentey indicated that to the best of her knowledge the building has always been heated with natural gas. Ms. Presentey is unaware of any environmental concerns regarding the subject property.

The information obtained in this interview is consistent with site information obtained from other sources and is considered to be valid.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on November 8, 2016. Weather conditions consisted of a mix of sun and cloud, with a temperature of approximately 8° C. Mr. Michael Beaudoin from the Environmental Department of Paterson Group conducted the site assessment. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site visit.

6.2 Specific Observations at Phase I Property

Buildings and Structures

A single family residential building is present on the subject site, along with a small shed. The residential building is currently vacant and falling into disrepair. No environmental concerns were identified during the inspection of the interiors or exteriors of the main building and shed.

Site Features

The exterior of the subject site is generally grass covered, with trees and brush. A paved driveway exists off of Lang's Road. Site drainage consists primarily of infiltration. No areas of stained soil, vegetation, or pavement or stressed vegetation were observed. Several retaining walls were present throughout the site.

No evidence of current or former railway or spur lines on the subject property was observed at the time of the site inspection. There were no unidentified substances observed on the subject site.

Neighbouring Properties

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

- ☐ North - Residential dwellings;
- ☐ Northwest – Montfort Hospital
- ☐ South - Montreal Road, followed by Residential and office development;
- ☐ East - Vacant land, followed by commercial properties;
- ☐ West - Lang's Road, followed by commercial properties.

The current use of the immediately adjacent properties is not considered to pose an environmental concern to the subject site. Current land use in the Phase I Study area is illustrated on Drawing: PE3915-2 – Surrounding Land Use Plan in the Figures section of this report, following the text.

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.

Table 1 - Land Use History – 765 Montreal Road			
Time Period	Land Use	Potentially Contaminating Activities	Potential Environmental Concerns
Prior to 1958	Vacant/Undeveloped	None	None
1958 to Present	Residential	None	None

Potentially Contaminating Activities

No Potentially Contaminating Activities (PCAs) were identified at the Phase I property. No PCAs were identified on adjacent properties at the time of the site inspection.

Three (3) historical potentially contaminating activities were identified within the study area. None of the PCAs identified within the Phase I ESA study area are considered to represent areas of potential environmental concern to the subject property.

Areas of Potential Environmental Concern

There are no areas of potential environmental concern on the subject property.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified on the subject site.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada website on the Urban Geology of the National Capital Area the soils on the subject site consist of plain till. Bedrock in the area of the subject site is considered to be limestone of the Bobcaygeon formation. Based on information from the Geological Survey of Canada website, the overburden thickness appears to range from 0 - 5m.

Contaminants of Potential Concern

As per Section 7.1 of this report, no Contaminants of Potential Concern (CPCs) were identified on the subject site.

Existing Buildings and Structures

A single family residential building is present on the subject site, along with a small shed. The residential building is currently vacant and falling into disrepair. No environmental concerns were identified during the inspection of the interiors or exteriors of the main building and shed.

Water Bodies

There are no water bodies on the subject site or within the Phase I study area. The closest water body, the Ottawa River, is located approximately 2 km to the north of the site.

Areas of Natural Significance

No areas of natural significance were identified on the subject site or in the Phase I study area.

Drinking Water Wells

Based on well records, no drinking water or monitoring wells are located on the subject site. It is likely that a well serviced the residence on site and has since been decommissioned. The well could not be located at the time of the site visit.

Several monitoring wells were identified in the Phase I ESA Study area. The wells are clustered in two locations; to the northwest, on the property of the Montfort Hospital and to the south, on the former National Research Council laboratory site. Based on the separation distance the Montfort Hospital is not considered to pose an environmental concern to the subject property. Based on the information contained in the RSC filing and the separation distance, the former forestry labs are not considered to pose an environmental concern to the subject site.

Neighbouring Land Use

Neighbouring land use in the Phase I study area is currently residential, commercial, and institutional. No concerns were identified during a review of the neighbouring land use.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, there were no Potentially Contaminating Activities identified on the subject site. Potentially Contaminating Activities

identified within the Phase I ESA study area are not considered to represent Areas of Potential Environmental Concern with respect to the subject site.

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 no areas of potential environmental concern on the subject site. The presence of potentially contaminating activities was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

Assessment

A Phase I-ESA was carried out for the property at 765 Montreal Road, in the City of Ottawa, Ontario. The purpose of this environmental assessment was to research the past and current use of the site and neighbouring properties within the Phase I-ESA study area and identify any environmental concerns with the potential to impact the subject property.

The historical research indicated that the subject site was first developed sometime pre-1958 with a single family residential building. Surrounding properties have consisted of institutional, commercial, or residential properties since development. Several of the institutional properties have since been redeveloped as commercial or residential properties.

Following the historical review, a site visit was conducted. The subject property is occupied by a vacant residential dwelling. The remainder of the property is covered by mature trees and brush. Surrounding properties consist of residential dwellings to the north, vacant property to the east, commercial property to the west, institutional property to the northwest, and commercial and residential properties to the south. No potentially contaminating activities were identified on the subject property.

Several potentially contaminating activities were identified in the Phase I-ESA study area however, based on the separation distance from the subject site, these PCAs are not considered to pose an area of potential environmental concern on the subject site.

Conclusion

Based on the results of this Phase I ESA, in our opinion, a Phase II Environmental Site Assessment is not required for the 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 by O.Reg. 269/11, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Shepherds of Good Hope. Permission and notification from Shepherds of Good Hope and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Michael Beaudoin, P.Eng.



Mark S. D'Arcy, P.Eng.



Report Distribution:

- ☐ Shepherds of Good Hope (6 copies)
- ☐ 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

MOECC Freedom of Information and Privacy Office.
MOECC Municipal Coal Gasification Plant Site Inventory, 1991.
MOECC document titled “Waste Disposal Site Inventory in Ontario”.
MOECC Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MOECC Water Well Inventory.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
The City of Ottawa eMap website.
City of Ottawa Historical Land Use Inventory (HLUI) Database

Local Information Sources

Chain of Title obtained through Read Abstracts Limited, November 2016.
Surveyors Real Property Report, Farley, Smith and Dennis Surveying Limited
Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE3915-1 – SITE PLAN

DRAWING PE3915-2 – SURROUNDING LAND USE PLAN



FIGURE 1
KEY PLAN

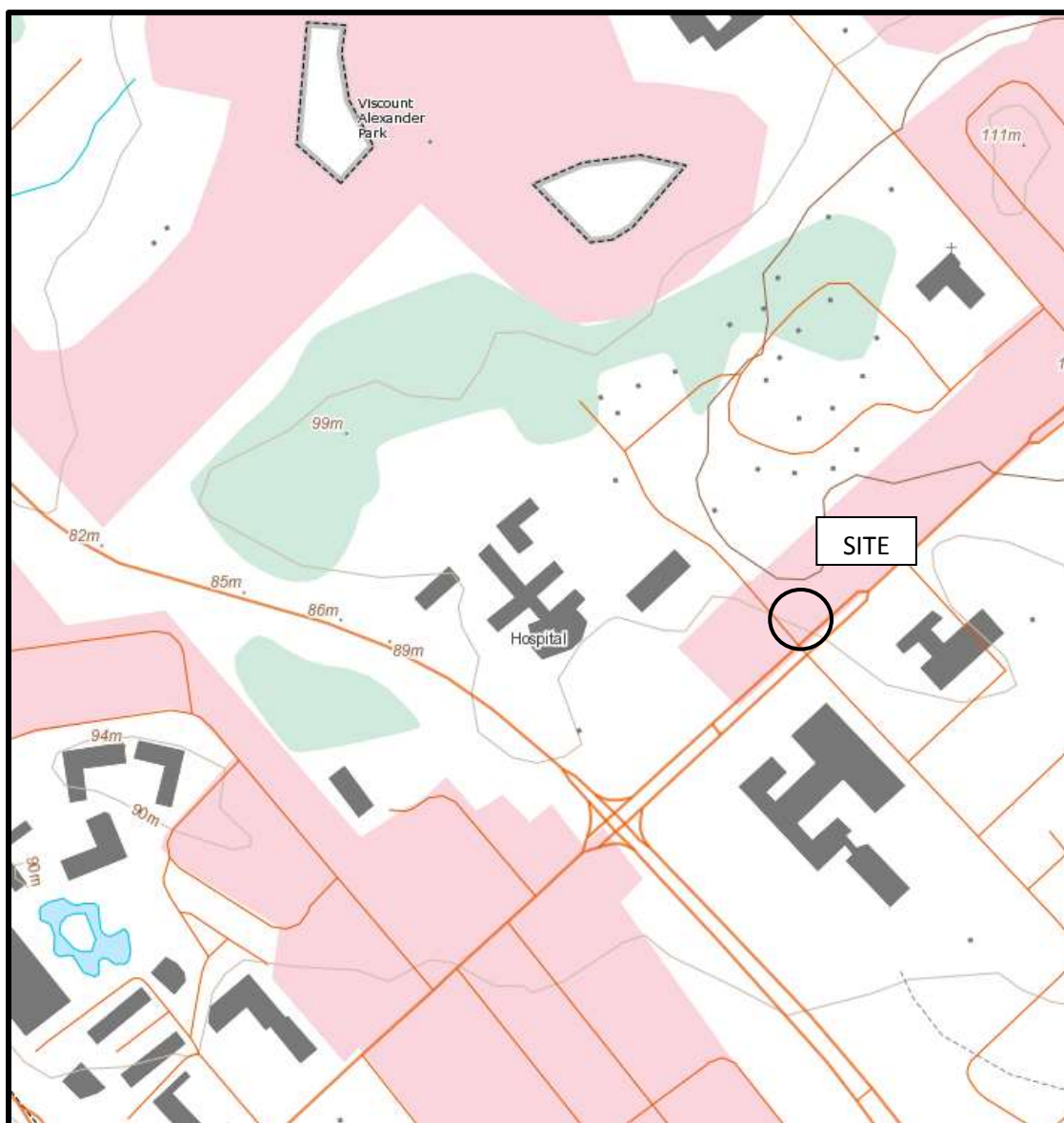
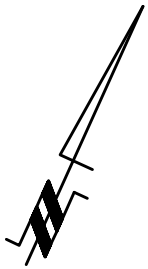
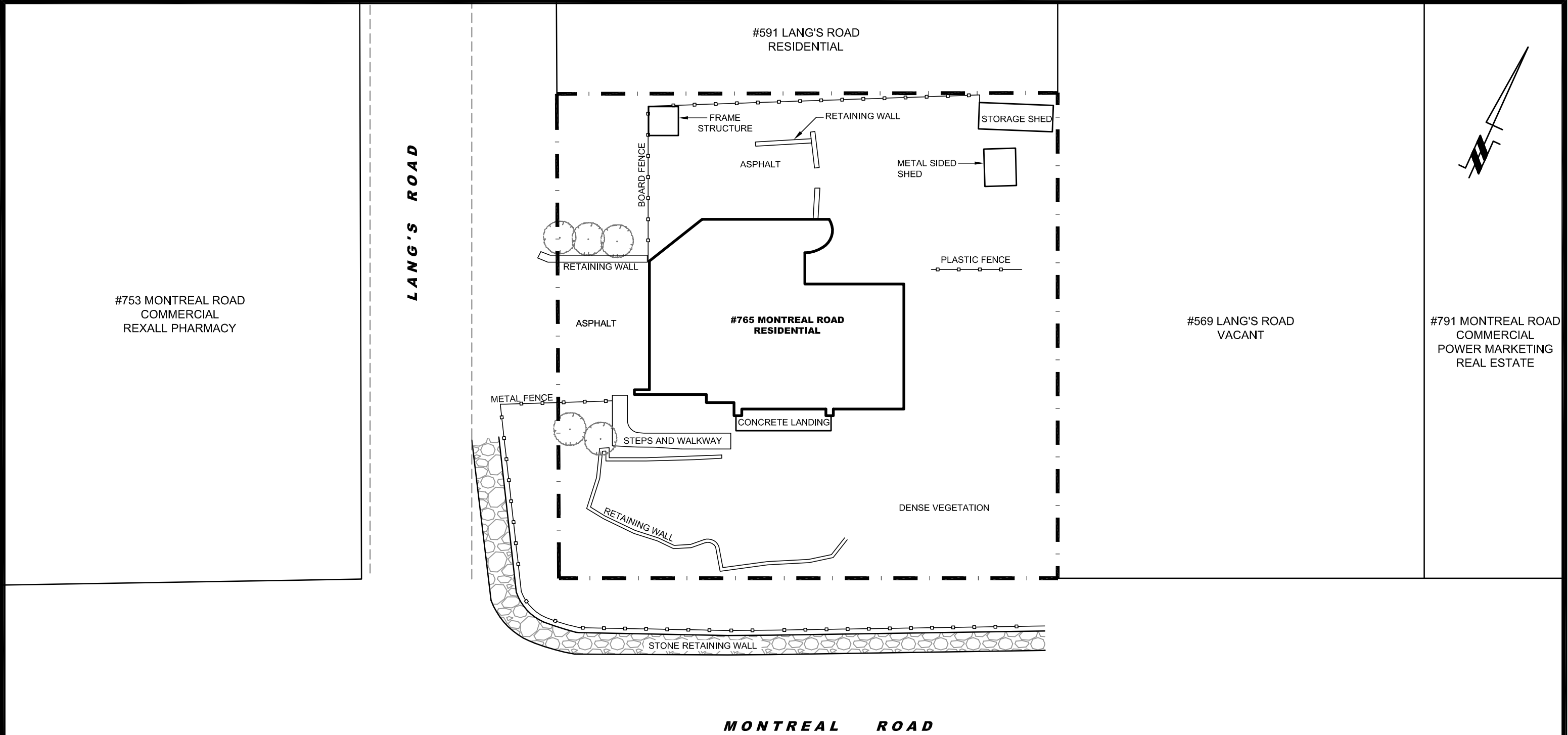


FIGURE 2
TOPOGRAPHIC MAP



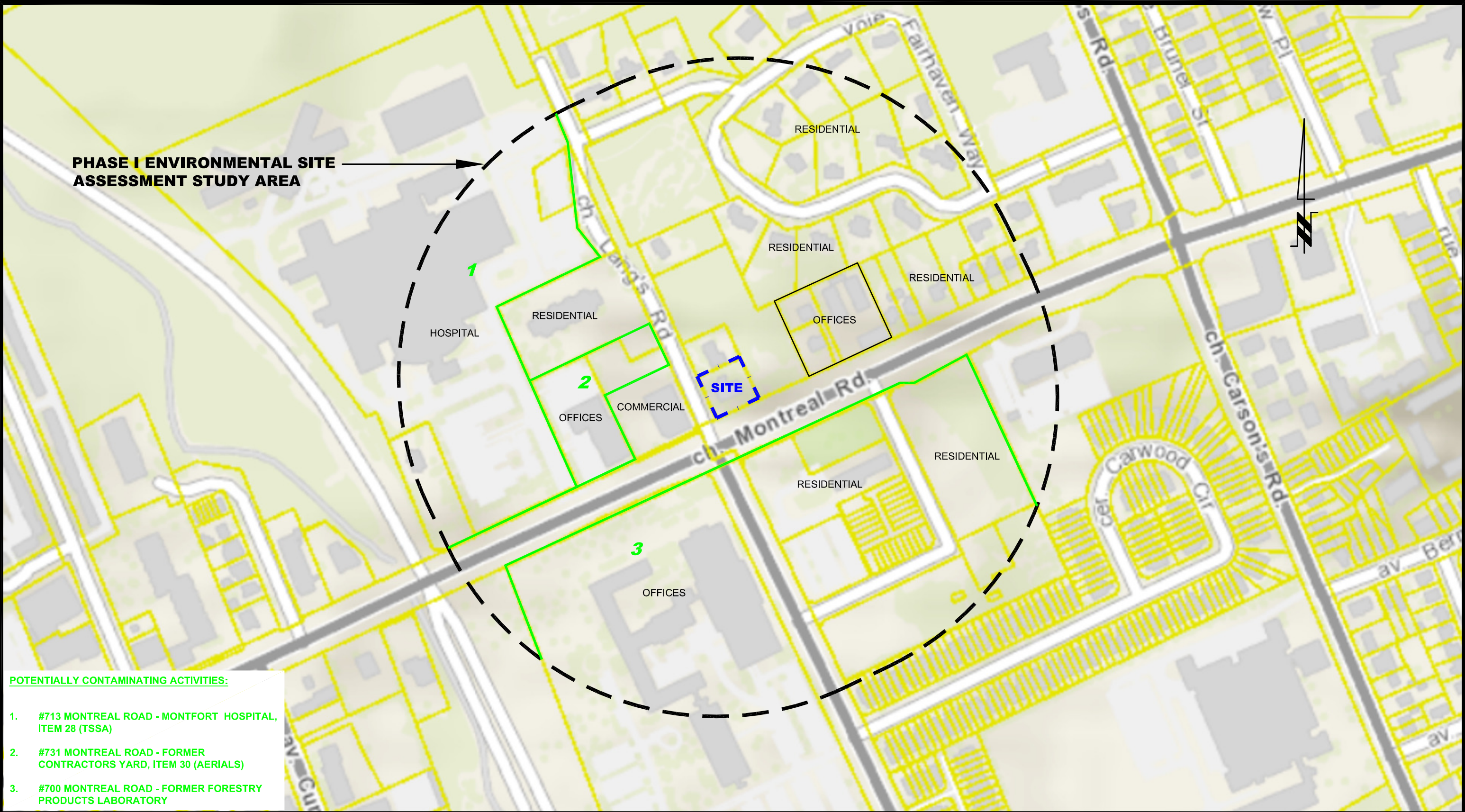
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0			
NO.	REVISIONS	DATE	INITIAL

SHEPHERDS OF GOOD HOPE	
PHASE I - ENVIRONMENTAL SITE ASSESSMENT	
765 MONTREAL ROAD	
OTTAWA,	ONTARIO
Title: SITE PLAN	

Scale:	1:300	Date:	12/2016
Drawn by:	RCG	Report No.:	PE3915
Checked by:	MB	Dwg. No.: PE3915-1	
Approved by:	MSD		
		Revision No.:	0



POTENTIALLY CONTAMINATING ACTIVITIES:

1. #713 MONTREAL ROAD - MONTFORT HOSPITAL, ITEM 28 (TSSA)
2. #731 MONTREAL ROAD - FORMER CONTRACTORS YARD, ITEM 30 (AERIALS)
3. #700 MONTREAL ROAD - FORMER FORESTRY PRODUCTS LABORATORY

patersongroup
consulting engineers

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

0			
NO.	REVISIONS	DATE	INITIAL

SHEPHERDS OF GOOD HOPE	
PHASE I - ENVIRONMENTAL SITE ASSESSMENT	
765 MONTREAL ROAD	
OTTAWA, ONTARIO	
Title:	
SURROUNDING LAND USE PLAN	

Scale:	1:3000	Date:	12/2016
Drawn by:	RCG	Report No.:	PE3915
Checked by:	MB	Dwg. No.:	PE3915-2
Approved by:	MSD	Revision No.:	0

APPENDIX 1

CHAIN OF TITLE

SURVEY PLAN

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



READ Abstracts Limited

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

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

November 28, 2016

Paterson Group

Attn: Michael Beaudoin

BRIEF DESCRIPTION OF LAND:

765 Montreal Road, Ottawa

Part of Lot 6, Plan 486, being Parts 1 and 2 on 4R25842

PIN: 04275-0071 (Part 1 on 4R25842)

04275-0072 (Part 2 on 4R25842)

LAST REGISTERED OWNER: PRESENTEY, Nicole
(as to PIN 0071)

CHAN, Kam Tong
CHAN, Kam-Tong
(as to PIN 0072)

CHAIN OF TITLE:

Patent registered June 8, 1842
To James Stevenson

Deed RO20402 registered February 26, 1863
From James Stevenson Agnes Scarth Lang

Deed GL4516 registered January 17, 1879
From Agnes S. Lang to Agnes M. Lang

Deed GL17235 registered March 9, 1904
Agnes M. Rothwell (formerly Lang) to George B. Rothwell

Deed GL37454 registered February 12, 1937

From Margaret M. Rothwell to Rac. Duncan

Deed GL37456 registered February 12, 1937
From George B. Rothwell to Rac. Duncan

Correcting Deed GL45229 registered September 2, 1948
From Margaret Smith (Formerly Rothwell) to Rac. (Rachel) Duncon

Plan 486 registered September 2, 1948
By Rachel Duncan

Deed registered May 19, 1949
From Rachel Duncan to Frank Riel

Deed GL46561 registered July 25, 1949
From Frank Riel to Michael and Jean Lackner

Deed OT4430 registered December 12, 1950
From Michael and Jean Lackner to Jules and Gabrielle Landriault

Deed OT8019 registered December 2, 1952
From Rene Desjardins to Rene and Henrietta Desjardins
(There are no deeds registered to Rene, but appears to be the remaining lands of Frank Riel)

Deed OT25673 registered June 26, 1957
From Jules Landriault to Gabrielle Landriault

Deed OT28582 registered January 13, 1958
From Gabrielle Landriault to Jules Landriault

Deed OT42182 registered November 16, 1960
From Pierre Seguin as trustee in Bankruptcy for Jules and Gabrielle Landriault to Francois and Jacqueline Seguin

Deed CT142314 registered October 8, 1971
From Rene J. Desjardins and Henrietta Desjardins to Rene J. Desjardins

Deed CT180721 registered September 28, 1973
From Rene J. Desjardins to Simone and Alphonse Lalonde

Deed N437835 registered may 17, 1988
From Simone Lalonde to Kam-Tong Chan

Deed N390992 registered June 2, 1987

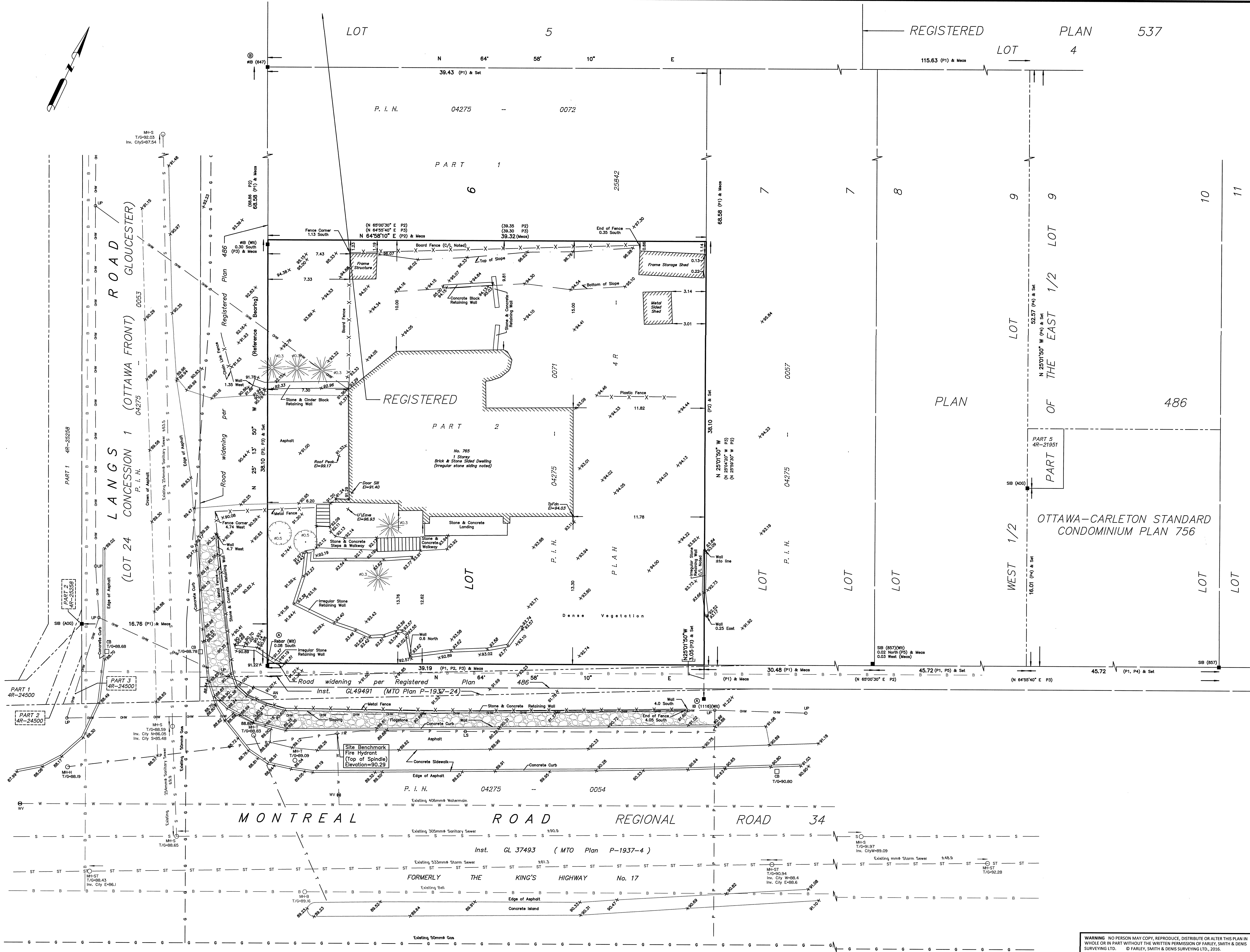
From Francois Seguin to Kam Tong Chan

Deed N607729 registered February 12, 1992

From Kam-Tong Chan to Kam-Tong Chan

Deed OC1329972 registered February 1, 2012 (as to PIN 0071 only)

From Kam Tong Chan and Kam-Tong Chan to Nicole Presentey



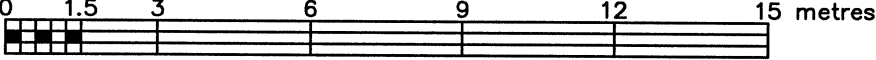
SURVEYOR'S REAL PROPERTY REPORT

PART 1 Plan of

PART OF LOT 6
REGISTERED PLAN 486
CITY OF OTTAWA

FARLEY, SMITH & DENIS SURVEYING LTD. 2016

Scale 1: 150



Metric Note

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

Distance Note

Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.999947.

Bearing Note

Bearings are MTM grid, derived from the Smart-Net Real Time Network. GPS observations on reference points A and B, shown hereon, having a bearing of N 25° 13' 50" W and are referred to the Central Meridian of MTM Zone 9 (76° 30' West Longitude) Nad-83 (Original).

For bearing comparisons, a rotation of 1° 07' 50" counter-clockwise was applied to bearings on P3.

For bearing comparisons, a rotation of 0° 39' 50" counter-clockwise was applied to bearings on P1, P4 & P5.

For bearing comparisons, a rotation of 0° 32' 30" counter-clockwise was applied to bearings on P2.

Elevation Notes

- Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 :1978. See AOS ref. 8669-08.
- It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

Utility Notes

- 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.
- Only visible surface utilities were located.
- Underground utility data derived from City of Ottawa utility sheet reference: plan no. 1510, 12574, E4C & C-22-9.
- Sanitary and storm sewer grades derived from: Field measurement.
- Sanitary and storm sewer inverts were compiled from: City of Ottawa utility sheets.
- A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Coordinates are derived from Can-Net 3.0 Real Time Network GPS observations referenced to Specified Control Points 01919680105 and 0198434761, MTM Zone 9 (76° 30' West Longitude) NAD-83 (original). Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.

01919680105	Northing	5024915.16	Easting	373971.65
0198434761	Northing	5036178.12	Easting	372436.11
Point A	Northing	5034246.30	Easting	372388.82
Point B	Northing	5034308.40	Easting	372359.55

Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on this plan.

Notes & Legend

Symbol	Denotes	Survey Monument Planted
IB	Standard Iron Bar	
IB	Iron Bar	
IB	Round Iron Bar	
Wit	Witness	
M	Measured	
P1	Registered Plan 486	
P2	Plan By (AOV) Dated April 28, 1987	
P3	Plan 4R-25842	
P4	Plan 4R-18602	
P5	OTTAWA-CARLETON STANDARD CONDOMINIUM PLAN 756	
MH-ST	Maintenance Hole (Storm)	
MH-S	Maintenance Hole (Sanitary)	
MH-B	Maintenance Hole (Bell)	
MH-T	Maintenance Hole (Traffic)	
MH-H	Maintenance Hole (Hydro)	
ST	Underground Storm Sewer	
S	Underground Sanitary Sewer	
W	Underground Water	
OW	Overhead Wires	
B	Underground Bell	
G	Underground Gas	
OP	Utility Pole	
AN	Anchor	
LS	Light Standard	
CB	Catch Basin	
PH	Fire Hydrant	
WV	Water Valve	
Inv	Invert	
T/G	Top of Grate	
C/L	Centreline	
+85.00	Location of Elevations	
+65.00	Top of Concrete Curb Elevation	
Decid	Deciduous Tree	
Conif	Coniferous Tree	

PART 2

- REGISTERED RIGHTS-OF-WAY/EASEMENTS
No rights-of-way or easements were found to be registered against the subject property.
- PROPERTY IMPROVEMENTS
Fencing and retaining walls are displaced from the property lines. See plan for location.
- COMPLIANCE WITH MUNICIPAL ZONING BYLAWS
Compliance is not certified by this report.

THIS REPORT WAS PREPARED FOR:
Shepherds of Good Hope ("The Client"), the Client's solicitors, mortgagees, and other related parties. The undersigned accepts no responsibility for use by other parties. See Part 2 of this Report.

Surveyor's Certificate

- I certify that:
- This survey and plan are correct and in accordance with the Surveyors Act, the Surveyors Act and the Regulations made under them.
 - The survey was completed on the 14th day of November, 2016.

Nov 25/16
Date

Daniel Robinson
Ontario Land Surveyor

FARLEY, SMITH & DENIS SURVEYING LTD.

ONTARIO LAND SURVEYORS
CANADA LAND SURVEYORS

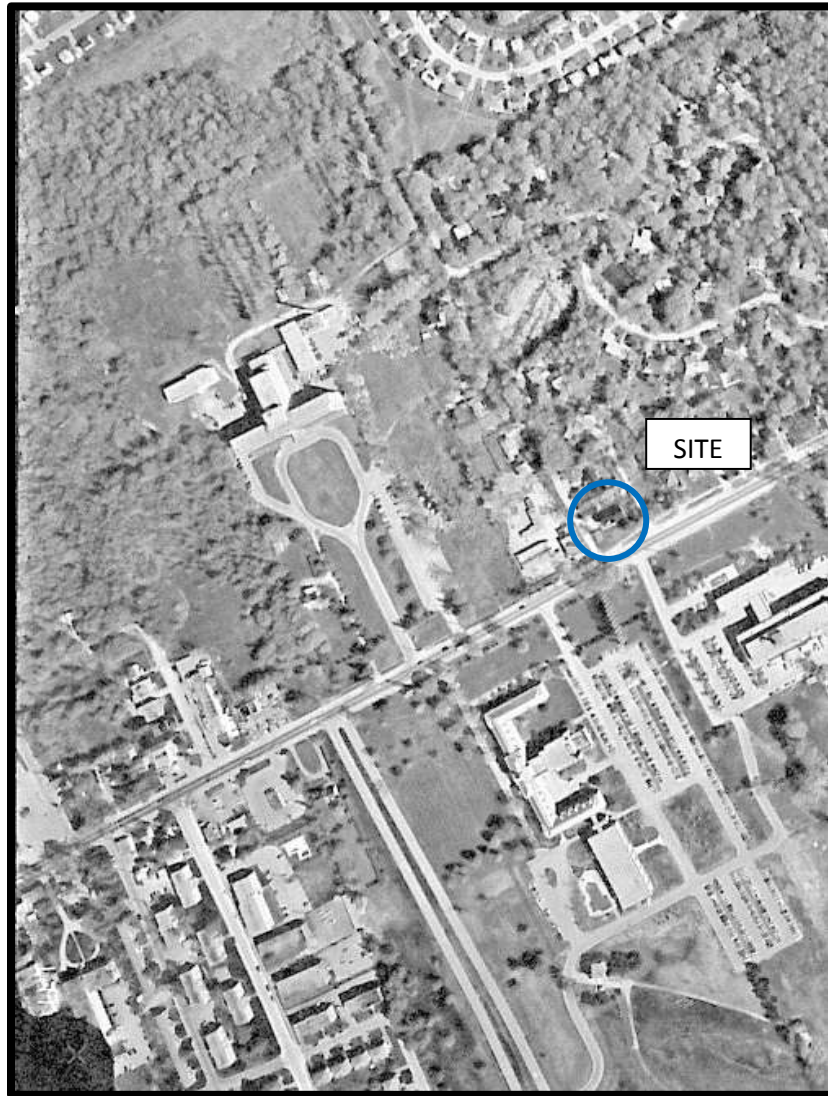
190 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J5
TEL: (613) 727-8226 FAX: (613) 727-1826

WARNING: NO PERSON MAY COPY, REPRODUCE, DISTRIBUTE OR ALTER THIS PLAN IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF FARLEY, SMITH & DENIS SURVEYING LTD. © FARLEY, SMITH & DENIS SURVEYING LTD., 2016.

FILE No.: 474-16



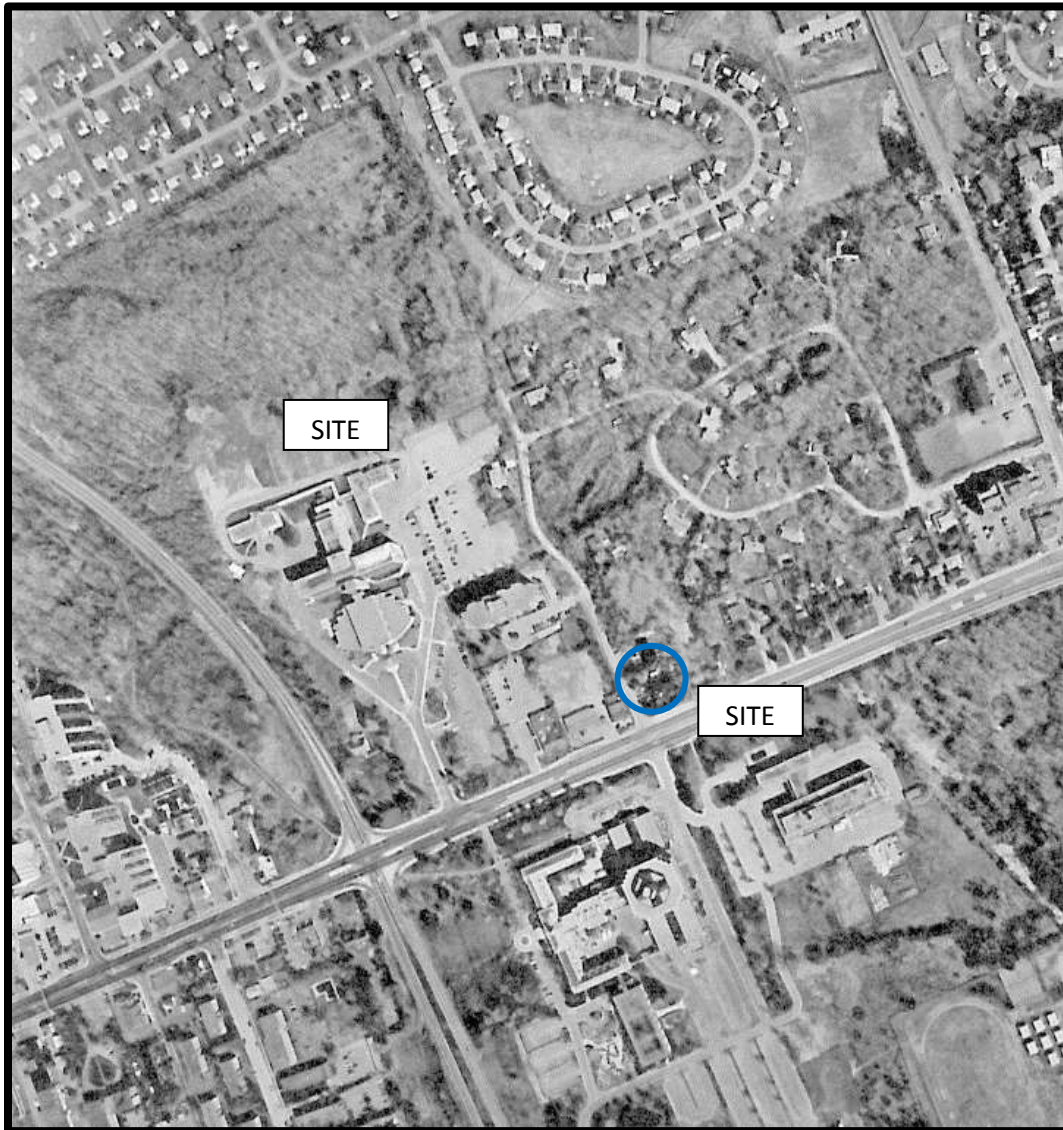
AERIAL PHOTOGRAPH
1955



AERIAL PHOTOGRAPH
1973



AERIAL PHOTOGRAPH
1984



AERIAL PHOTOGRAPH
1993



AERIAL PHOTOGRAPH
2001

Site Photographs

PE3915

765 Montreal Road, Ottawa, ON

November 8, 2016



Photograph 1: Looking North, along Lang's Road towards the Montfort Hospital.



Photograph 2: Looking South, towards the intersection of Lang's Road and Montreal Road.

Site Photographs

PE3915

765 Montreal Road, Ottawa, ON

November 8, 2016



Photograph 3: Backyard of the site showing miscellaneous debris and vegetation.

APPENDIX 2

MOECC FREEDOM OF INFORMATION REQUEST

TSSA CORRESPONDENCE

MOECC WELL RECORDS

CITY OF OTTAWA HLUI RESPONSE

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

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

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

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

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



November 17, 2016

Michael Beaudoin
Paterson Group Inc
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Michael Beaudoin:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2016-06959, Your Reference PE3915

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 765 Montreal Rd, Ottawa.

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

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

If you have any questions regarding this matter, please contact Richard Beernaert at richard.beernaert@ontario.ca.

Yours truly,



Tracey Goodwin
FOI Manager (A)

Michael Beaudoin

From: Ruchi Chohan <rchohan@tssa.org> on behalf of Public Information Services <publicinformationservices@tssa.org>
Sent: November-09-16 2:53 PM
To: Michael Beaudoin
Subject: RE: 765 Montreal Road

Hello Michael,

Thank you for your inquiry.

I have searched the below noted address (addresses) and I have located the following record:

713 Montreal Road, Ottawa has record of 2 active underground fuel oil tanks

For a more detailed report including underground fuel storage tank details and copies of all inspection reports, please submit your request in writing to Public Information Services via e-mail (publicinformationservices@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!



Ruchi Chohan | Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3417 | Fax: +1-416-231-4903 | E-Mail: rchohan@tssa.org

www.tssa.org



From: Michael Beaudoin [mailto:MBeaudoin@Patersongroup.ca]
Sent: Tuesday, November 08, 2016 2:11 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: 765 Montreal Road

Good Afternoon

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other infractions for the following address(es) for properties located in the City of Ottawa, ON

120 Den Haag Drive
550, 559, 569, 591 Lang's Road

713, 745, 753, 765, 789 Montreal Road

Thanks

Michael Beaudoin, P.Eng

patersongroup
Solution Oriented Engineering

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

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

Basin | 2 | 5 | | | | |



The Water-well Drillers Act, DEPARTMENT OF MINES
Department of Mines

8416

GEOLOGICAL BRANCH
 DEPARTMENT OF MINES

Water-Well Record

County or Territorial District.....*Carleton Place*.....Township, Village, Town or City.....*Ottawa*.....

Village, Town or City).....

Address Yanga Ave Mt

(day)

(month)

(year)

Pipe and Casing Record

Pumping Test

Casing diameter(s)	2" in.	Static level	6 ft
Length(s)	21 ft	Pumping rate	600 gal p' hrs
Type of screen		Pumping level	25 ft
Length of screen		Duration of test	3 hrs

Well Log

Water Record

[illegible]

For what purpose(s) is the water to be used?

House

Is water clear or cloudy?.....*clear*.....

Is well on upland, in valley, or on hillside?.....inland.....

Drilling firm I B Dufrane

Address 1970 Earling Ave

Name of Driller J. Conetta

Address 665 Gilmore

Licence Number.....395.....

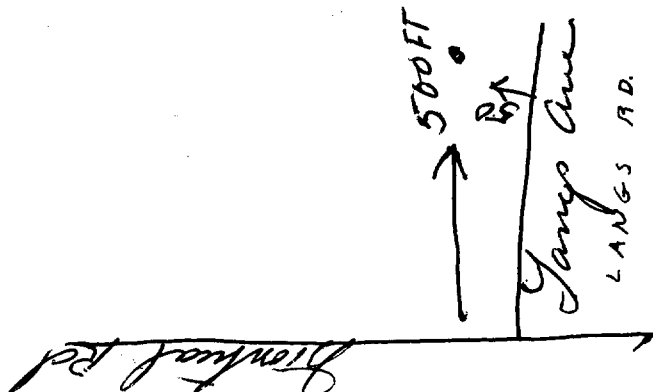
I certify that the foregoing
statements of fact are true.

Date. Nov 18/54 F Corritto

Signature of Licensee

Location of Well

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





GROUND WATER BRANCH

15 No 8435
DEC 7 1962ONTARIO WATER
RESOURCES COMMISSION

UTM 118Z 4510118 15E

5R 510132 51010N

The Ontario Water Resources Commission Act

Elev. 4R 0131010

WATER WELL RECORD

Basin 25 1 CHARLTON

Township, Village, Town or City

OTAWA

Con. Lot

Date completed

15
(day)OCT
month1962
year)

ss.

LANGS ROAD

Casing and Screen Record

Pumping Test

Inside diameter of casing 6 INCH
 Total length of casing 20 FEET
 Type of screen NONE
 Length of screen
 Depth to top of screen
 Diameter of finished hole 6 INCH

Static level 30 FEET
 Test-pumping rate 4 G.P.M.
 Pumping level 180
 Duration of test pumping 2 HOURS
 Water clear or cloudy at end of test CLEAR
 Recommended pumping rate 4 G.P.M.
 with pump setting of 180 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

From
ft.To
ft.Depth(s) at
which water(s)
foundKind of water
(fresh, salty,
sulphur)

BROKEN LIMESTONE

0

12

150

FRESH

SOLID LIMESTONE

12

192

192

"

For what purpose(s) is the water to be used?

HOUSE HOLD

Is well on upland, in valley, or on hillside? HILLSIDE

Drilling or Boring Firm MOLLOUGHNEY

Address 51 MCEWEN AVE

OTTAWA

Licence Number 619

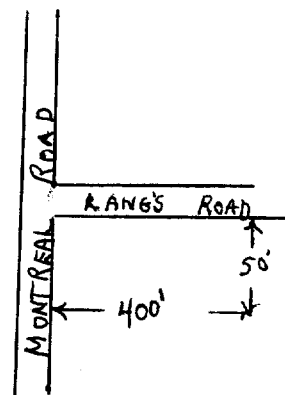
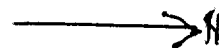
Name of Driller or Borer F FLEURY

Address 1156 SHILLINGTON AVE

Date 15 OCT 1962

Signature of Licensed Drilling or Boring Contractor

Location of Well

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

LANGS RD

MONTREAL RD

UTM 1182 451011410 E

9R 51032230 N

Elev. 9R 0275

Basin 25



ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED

15

No

8536

JUL 16 1952

GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

Carleton Place

OTTAWA

County, Village, Town or City

Town or City

Section

Date Completed May 5th 1952 Cost of Well (excluding pump) \$100.00

Pipe and Casing Record

Pumping Test

Casing diameter(s) 8" Date Sunday May 1-2-3rd
Length(s) of casing(s) 38' Static level 20' feet
Type of screen X Pumping level about 35'
Length of screen X Pumping rate 3200 gallons per hour
Distance from top of screen to ground level X Duration of test 3 days
Is well a gravel-wall type? Gravel & Sand Distance from cylinder or bowls to ground level X

Water Record

Kind (fresh or mineral)	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.) sulphur	387'	Clear	367'
Appearance (clear, cloudy, coloured) Clear		Sulphur	
For what purpose(s) is the water to be used? drinking & boiler			
How far is well from possible source of contamination? 75'			
What is the source of contamination? none			
Enclose a copy of any mineral analysis that has been made of water. yes			

Well Log

Overburden and Bedrock Record

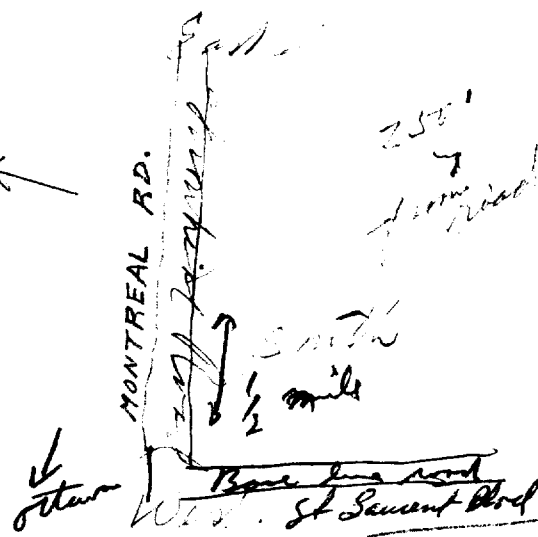
From

To

38' 38' sand & gravel	0 ft.ft.
62' 62' Black shale rock		
38' 38' limestone		
Sand & Gravel	0	38
Black shale rock	38	62
Limestone	62	387
Sand & Gravel	0	38
Black shale rock	38	62
Limestone	62	387

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? on hillside

Drilling Firm Gordon & Keefe

Address 488 McCarroll St. Ottawa

Name of Driller Emmett J. Keefe Address 310 Somerset St. Ottawa

Date Licence Number 597

Signature of Licensee

UTM 118 2 415101212101E

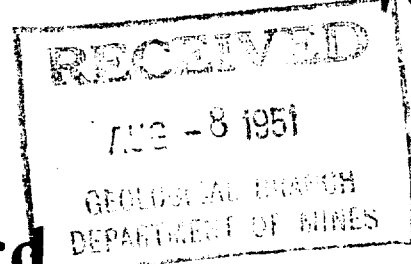
15R 5101312141010N

Elev. 161R 10131010

Basin 121S 1111



15 No 822



The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or Territorial District Carleton Place Town or City Ottawa
Manotick
Town or City Manotick
s. Manotick Road
Date Completed Aug 1951 (day) (month) (year) Cost of well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>5 in</u>	Date
Length(s) of casing(s) <u>15 ft</u>	Static level <u>8</u>
Type of screen	Pumping level <u>15</u>
Length of screen	Pumping rate
Distance from top of screen to ground level	Duration of test
Is well a gravel-wall type?	Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) <u>fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.) <u>hard</u>			
Appearance (clear, cloudy, coloured) <u>clear</u>			
For what purpose(s) is the water to be used? <u>House</u>	<u>55</u>	<u>hard</u>	<u>40</u>
How far is well from possible source of contamination?			
What is the source of contamination?			
Enclose a copy of any mineral analysis that has been made of water			

Well Log

Overburden and Bedrock Record

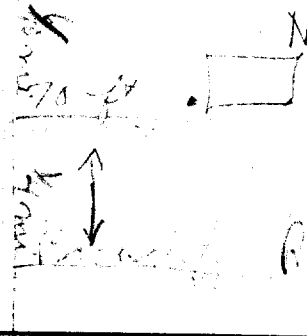
From	To
0 ft.	...ft.
<u>Loam</u>	<u>2</u>
<u>Blue shale</u>	<u>6</u>
<u>White limestone</u>	<u>6</u>

Location of Well

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

W

Road R.



Situation: Is well on upland, in valley, or on hillside?

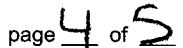
Drilling Firm London Well Drilling Co.

Address

Name of Driller J. H. Macdonald Address Bayview East 2nd St. B. 1

Date

Licence Number



- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

[illegible]

Site/Compartment/Block/Tract etc.

☐ Undifferentiated ☒ Averaged[illegible]

Hole Diameter		
Depth	Metres	Diameter
From	To	Centimetres
0	12.2	15.07
Water Record		
Water found at _____ Metres		Kind of Water
<input checked="" type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	
<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Minerals
<input type="checkbox"/> Other: NOT TESTED		
<input type="checkbox"/> 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 type="checkbox"/> m	<input type="checkbox"/> Fresh	<input checked="" 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 checked="" type="checkbox"/> Other, specify _____		
Chlorinated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Construction Record				
Inside diam centimetres	Material	Wall thickness centimetres	Depth	
			From	Metres To
Casing				
15.88	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass	.48	0	9.1
	<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	<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass	Slot No.		
	<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete			
	<input type="checkbox"/> Galvanized			
No Casing or Screen				
	<input checked="" type="checkbox"/> Open hole		8.5	12.2

Test of Well Yield				
Pumping test method	Draw Down		Recovery	
	Time min	Water Level Metres	Time min	Water Level Metres
Sul pump				
Pump intake set at - (metres) 9.14	Static Level	6.70		
Pumping rate - (litres/min) 18.93	1	9.50	1	
Duration of pumping hrs + 10 min	2	10.1	2	
Final water level end of pumping _____ metres	3	10.5	3	
Recommended pump type. <input checked="" type="checkbox"/> Shallow <input type="checkbox"/> Deep	4	10.51	4	
Recommended pump depth. _____ metres	5	10.51	5	
Recommended pump rate. _____ (litres/min)	10	10.51	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	
DRY				

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			
8.5	5.5	neat cement slurry	.1362	
5.5	0	bentonite slurry	.490	
Method of Construction				
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Rotary (air)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Digging	
<input type="checkbox"/> Rotary (conventional)	<input checked="" 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 type="checkbox"/> Other	
<input type="checkbox"/> Stock	<input type="checkbox"/> Commercial	<input checked="" 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 type="checkbox"/> Dewatering		
<input checked="" 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.		
A. Rock Drilling Co Ltd		1119		
Business Address (street name, number, city etc.)				
Rt #1 Richmond, Ont				
Name of Well Technician (last name, first name)		Well Technician's Licence No.		
Wogan Dan		T3058		
Signature of Technician/Contractor		Date Submitted		
X [Signature]		YYYY MM DD 2006 04 05		

Location of Well			
<p>In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.</p> <p>See map on Page 1</p> <p>Test well #4.</p>			
Audit No. Z 40003		Date Well Completed <div> <div>2006</div> <div>MM</div> <div>DD</div> </div> <div>10313</div>	
Was the well owner's information package delivered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Date Delivered <div> <div>NA</div> <div>YYYY</div> <div>MM</div> <div>DD</div> </div>	
Ministry Use Only			
Data Source		Contractor <div> <div>1119</div> </div>	
Date Received <div> <div>APR 12 2006</div> <div>YYYY</div> <div>MM</div> <div>DD</div> </div>		Date of Inspection <div> <div></div> <div>YYYY</div> <div>MM</div> <div>DD</div> </div>	
Remarks		Well Record Number	



Ontario

Ministry of
the Environment

Well Tag

A 068574

(enter and/or Print Below)

A068574

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Master Well Owner's and Land Owner's Information

First Name	Last Name	E-mail Address
Canada Lands Company LLC Limited		
Mailing Address (Street Number/Name, RR)	Municipality	Province
Bldg. 164 CFB Rockcliffe	Ottawa	ON
Postal Code	Telephone No. (inc. area code)	
K1A0K2G1	39987970	

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
800 Montreal Road			
County/District/Municipality	City/Town/Village	Province	Postal Code
	Ottawa	Ontario	

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation:
NAD 83	18	4504085	032467	Garmin	Etrex	<input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged
						<input type="checkbox"/> Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres)
				From To
	Asphalt surface			0 0.1
	Brown Fill	Sand + Gravel		0.1 1.3
	Brown Sand + silt			1.3 1.8
	Grey Clay + silt			1.8 3.4
	Black Weathered bedrock-shale			3.4 4.0
	Grey Sand, silt + clay trace black shale			4.0 4.6

Hole Details

Depth (Metres)	Diameter (Centimetres)
From To	
0 4.6	20

Water Use

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

Method of Construction

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

Status of Well

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

No Casing and Screen Used

Open Hole	Static Water Level Test
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.7 Metres

Screen

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

Water Details

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

Disinfected

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If no, provide reason:	Date Master Well Completed (yyyy/mm/dd)
	Monitoring well	2008/05/20

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

Total Wells in Cluster	Please indicate Number of Cluster Well Information Log Sheets Submitted
4	
Total Wells on this Property	1
unknown	

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.

☒ Check box to confirm detailed map is provided as per Section 11.1 (3)

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

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.	
George Downing Estate Drilling	1844	
Business Address (Street No./Name, number, RR)	Municipality	
410 Rue Principale Grenville Sur la Rouge		
Province	Postal Code	Business E-mail Address
QC	J0V1B0	downingexplor.net.com
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	
8192426469	Downing Bruce	
Well Technician's Licence No.	Signature of Technician	Date Submitted (yyyy/mm/dd)
2173	Bruce Downing	2008/06/17

Ministry Use Only

Audit No.	Well Contractor No.
M 01416	
Date Received (yyyy/mm/dd)	Date of Inspection (yyyy/mm/dd)
SEP 29 2008	
Remarks	
C02390	

C-1844
MO1416
CO2390
A 06857 SEP 29 2009

DEN HAAG DRIVE

FORINTEK ADMINISTRATION BUILDING

GARAGE

SERVICE TUNNEL TO REMAIN

BOILER ROOM BASEMENT

RAMP

STORAGE SHED TO BE DEMOLISHED

SERVICE PREVIOUSLY CAPPED BY ENBRIDGE

BHMW7

BHMW8

BHMW9

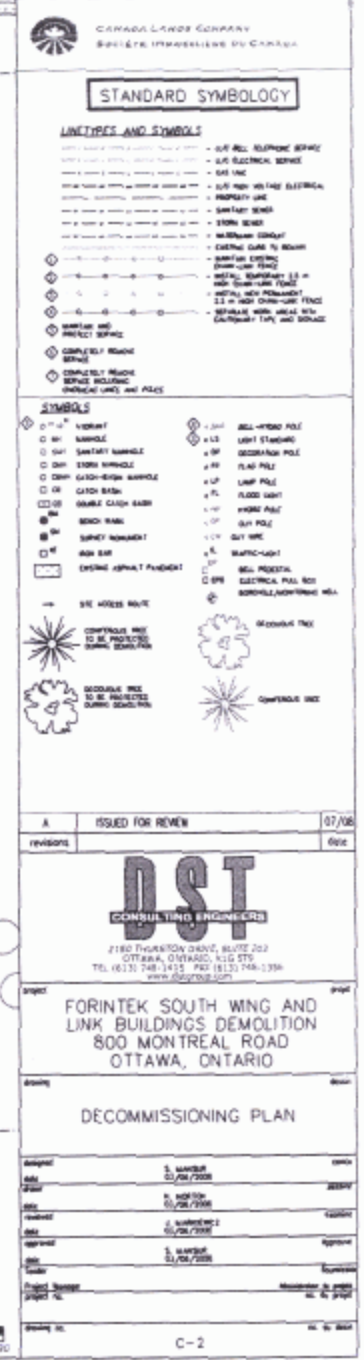
BHMW10

BHMW11

BHMW12

APPROXIMATE SCALE IN METRES

0 10 20



Well Tag	A 068574	Well Tag No.	
	A068574		

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Property Owner's Information

First Name	Canada Lands Company	Last Name	CLL Ltd.	Mailing Address (Street No./Name, RR)	Bldg. 164 CFB Rockcliffe	Municipality	Ottawa
Province	ON	Postal Code	K1A0K2	E-mail Address		Telephone No. (inc. area code)	6139987970

Cluster Well Information

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

Consent to release additional information to the Director upon request

Signature of Technician/Contractor	Date (yyyy/mm/dd)
Bruce Downing	2008/05/17

Well # on Sketch	Zone	UTM Coordinates Easting Northing	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres) From To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
BH MW #7		184504335032470	3.6	20	HSA	PVC	1.3	1.3 3.6					2008/05/20
BH MW #9		Interior M.W.'s	2.8		Hand Auger		1.2	1.2 2.8					2008/05/21
BH MW #10		Interior M.W.	0.86				No installation					Auger refusal on bedrock	2008/05/21
BH MW #11		Interior M.W.	1.0				"	"				" " " "	2008/05/21
BH MW #12		Interior M.W.	1.5				1.0	1.0 1.5				" " " "	2008/05/21

Well Contractor and Well Technician Information

Business Name of Well Contractor	George Downing Estate Drilling Ltd	Business Address (Street Number/Name, RR)	410 Rue Principale Grenville Jura La Rouge QC	Municipality		Province	QC
Postal Code	J0V1B0	Business Telephone No. (inc. area code)	8192426469	Well Contractor's Licence No.	1844	Business E-mail Address	downing@xplorenet.com
Name of Well Technician (First Name, Last Name)	Bruce Downing	Well Technician's Licence No.	2173	Date Submitted (yyyy/mm/dd)	2008/06/17	Signature of Technician	Bruce Downing

Date 1st Well in Cluster Constructed (yyyy/mm/dd)	2008/05/20	Date Last Well in Cluster Constructed (yyyy/mm/dd)	2008/05/21
---------------------------------------------------	------------	----------------------------------------------------	------------

Ministry Use Only

Date Received (yyyy/mm/dd)	SEP 29 2008	Date Inspected (yyyy/mm/dd)	
Audit No.	C 02390	Remarks	M01416

Measurements recorded in: ☐ Metric ☒ Imperial

Well Owner's Information

First Name
Montfort Hospital

Last Name / Organization
Clutton Associates

E-mail Address
kate@clutton.com

☐ Well Constructed by Well Owner

Mailing Address (Street Number/Name)
154 Colonnade Rd

Municipality
Ottawa

Province
Ontario

Postal Code
K1H 7L5

Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name)
713 Montreal Road

Township
Gloucester

Lot
P/L2

Concession
6

County/District/Municipality
Ottawa-Carleton

City/Town/Village
Ottawa

Province
Ontario

Postal Code

UTM Coordinates Zone Easting Northing
NAD 83 18 450140 5032706

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
	6" Drilled Abandonment			0 40'

Test well #4 (A036174)

Annular Space

Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
40 0	hole Plug	

Method of Construction

☐ Cable Tool
☐ Rotary (Conventional)
☐ Rotary (Reverse)
☐ Boring
☐ Air percussion
☐ Other, specify

☐ Diamond
☐ Jetting
☐ Driving
☐ Digging
☐ Irrigation
☐ Industrial
☐ Other, specify

☐ Public
☐ Domestic
☐ Livestock
☐ Cooling & Air Conditioning
☐ Commercial
☐ Municipal
☐ Test Hole
☐ Not used
☐ Dewatering
☐ Monitoring

Well Use

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To
-------------------------	--------------------------------------------------------------------------	------------------------	-------------------------

Status of Well

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

Construction Record - Screen

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

Water Details

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

Hole Diameter

Depth (m/ft) From To	Diameter (cm/in)
-------------------------	------------------

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	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	
	25		25	
	30		30	
	40		40	
Recommended pump rate (l/min / GPM)	50		50	
	60		60	
Recommended pump depth (m/ft)				
Well production (l/min / GPM)				
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location

Please provide a map below following instructions on the back.

H

150'

713 Montreal Road

Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor
AIR ROCK DRILLING LTD

Well Contractor's Licence No.
1119

Business Address (Street Number/Name)
RR#1

Municipality
REIMOND

Province
ONT

Postal Code
K0A2Z0

Business E-mail Address

Bus. Telephone No. (inc. area code)
6138382170

Name of Well Technician (Last Name, First Name)
Desautels Ken

Well Technician's Licence No.
T4

Signature of Technician and/or Contractor
Ken

Date Submitted
20080930

Well owner's information package delivered
☒ Yes ☐ No

Date Package Delivered
Y Y Y Y M M D D
20080822

Date Work Completed
20080822

Ministry Use Only

Audit No.
Z 90151

Received
OCT 14 2008

0506E (12/2007)

Ministry's Copy

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A 074627

BR10

Master Well Owner's and Land Owner's Information

First Name: Montfort Hospital Last Name: _____ E-mail Address: _____
Mailing Address (Street Number/Name, RR): 713 Montreal Road Municipality: Ottawa Province: ON Postal Code: K1K0T2 Telephone No. (inc. area code): 613 746 4624

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR): 713 Montreal Road Township: _____ Lot: _____ Concession: _____
County/District/Municipality: _____ City/Town/Village: Ottawa Province: Ontario Postal Code: K1K0T2

UTM Coordinates: Zone 18 Easting 420110568 Northing 8707 GPS Unit Make Garmin Model etrex Mode of Operation: ☐ Undifferentiated ☒ Averaged
NAD 83 ☐ Differentiated, specify _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres)
				From To
	Asphalt surface			0 0.1
Grey	Crushed Stone			0.1 1.6
Grey	Silty Sandy clay			1.6 6.8
Grey	Bedrock			6.8 10.3

Hole Details

Depth (Metres)	Diameter (Centimetres)
From To	
0 6.8	20
6.8 10.3	10

Water Use

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

Method of Construction

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

Status of Well

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

No Casing and Screen Used

Open Hole ☐ Yes ☒ No 6.8 Metres

Static Water Level Test

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☒ Plastic
Outside Diameter (Centimetres): 5.8 Slot No.: 10

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres)
			From To
<u>5.1</u>	<u>PVC</u>	<u>Sched 40</u>	<u>0 7.3</u>

Water Details

Water found at Depth _____ Metres ☐ Gas ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Water found at Depth _____ Metres ☐ Gas ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Water found at Depth _____ Metres ☐ Gas ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Annular Space/Abandonment Sealing Record

Depth Set at (Metres)	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
From To		
<u>6.8 7.3</u>	<u>Bentonite</u>	<u>15 kgs</u>

Disinfected ☐ Yes ☒ No If no, provide reason: _____ Date Master Well Completed (yyyy/mm/dd): 2009/06/13

Monitoring well

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

Total Wells in Cluster: 10 Please indicate Number of Cluster Well Information Log Sheets Submitted: 1
Total Wells on this Property: unknown

Location of Well Cluster

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

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

Well Contractor and Well Technician Information

Business Name of Well Contractor: George Downing Estate Drilling Ltd Well Contractor's Licence No.: 1 8 4 4
Business Address (Street No./Name, number, RR): 410 Rue Principale Grenville Sur La Ronge Municipality: _____
Province: QC Postal Code: J0V1B0 Business E-mail Address: downing@hawk.igs.net
Bus. Telephone No. (inc. area code): 819 242 6449 Name of Well Technician (Last Name, First Name): Downing, Bruce
Well Technician's Licence No.: 21 7 3 Signature of Technician: Bruce Downing Date Submitted (yyyy/mm/dd): 2009/

Audit No.: M 04481 Well Contractor No.: _____
Date Received (yyyy/mm/dd): 2009/06/13 Date of Inspection (yyyy/mm/dd): _____
Remarks: _____

Property Owner's Information

Address of Well Location (Street Number/Name, RR) **713 Montreal Road** Lot **1** Concession **1** Township **1** County/District/Municipality **1**

City/Town/Village **Ottawa** Province **Ontario** Postal Code **K1K 0T2** GPS Unit Make **Garmin** Model **Etrex** Unit Mode of Operation ☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify:

Signature of Technician/Contractor **Bruce Downing** Date (yyyy/mm/dd) **2009/**

Well # on Sketch	UTM Coordinates	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
Zone	Easting	Northing					From To					
BR 11	184501025032763	10.2	20/10	HSA/dia	PVC	7.2	7.2 10.2	Bentonite	6.0			2009/06/06
Ext MW 7	184500205032766	6.5	20	HSA		3.5	3.5 6.5					2009/06/13
Ext MW 8	184500655032756	4.3	20			2.8	2.8 4.3					2009/06/05
Ext MW 9	184500585032752	8.5	20			5.5	5.5 8.5		6.3			2009/06/05
Ext MW 10	184500615032757	7.1	20			5.5	5.5 7.1		5.9			2009/06/05
Ext MW 11	184500985032702	9.7	20			6.7	6.7 9.7		5.7			2009/06/05
Ext MW 12	184500905032733	3.5	20			2.0	2.0 3.5					2009/06/13
Ext MW 13	184500865032739	6.6	20			3.6	3.6 6.6		5.7			2009/06/13
Ext MW 14	184501125032708	6.1	20			4.5	4.5 6.1		4.7			2009/06/06

Well Contractor and Well Technician Information

Business Name of Well Contractor **George Downing Estate Drilling** Business Address (Street Number/Name, RR) **410 Rue Principale Grenville Sur La Poudre** Municipality **QC** Province **QC**

Postal Code **J0V 1B0** Business Telephone No. (inc. area code) **819 242 6469** Well Contractor's Licence No. **1844** Business E-mail Address **downing@hayk-igs.net**

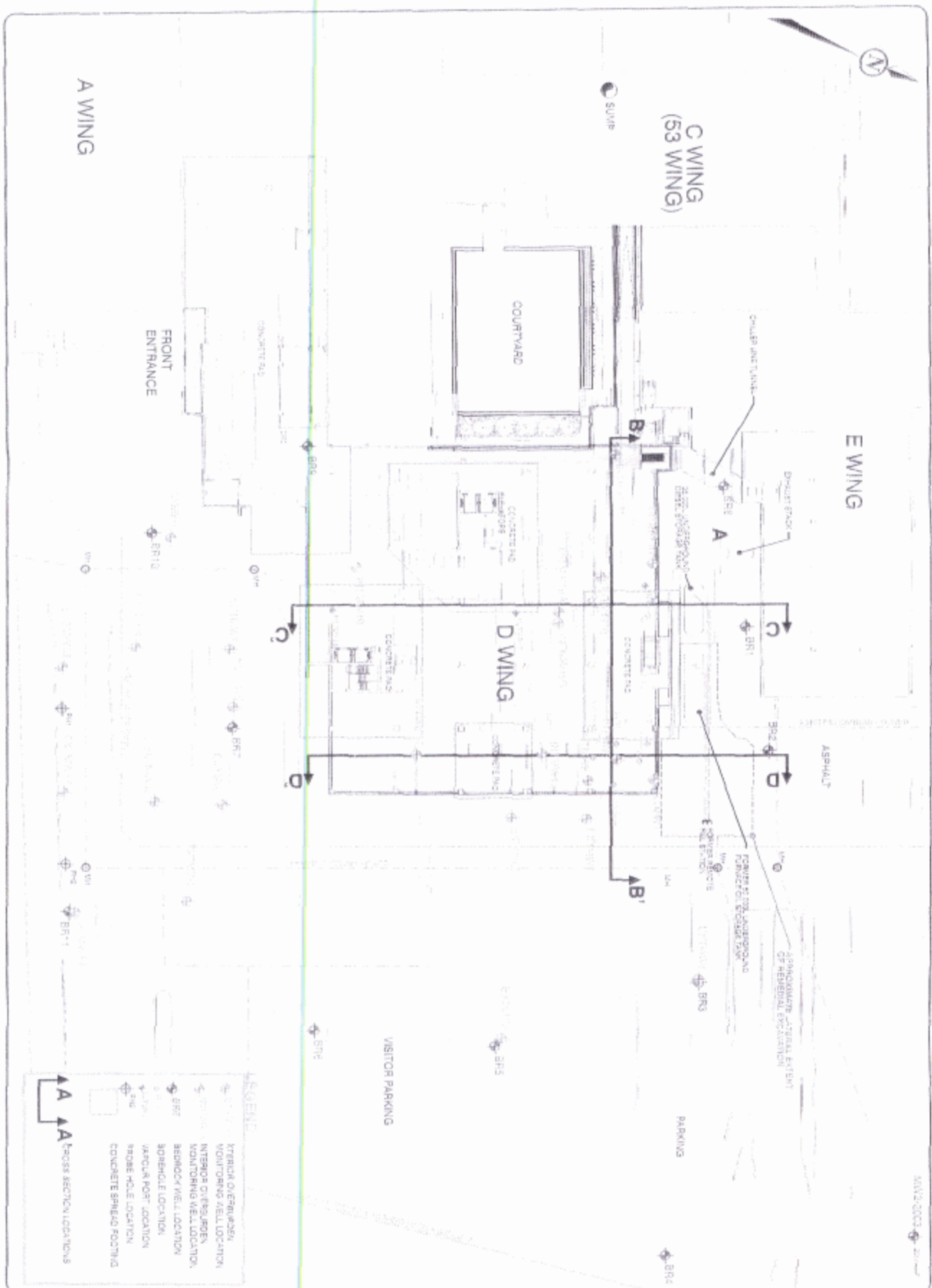
Name of Well Technician (First Name, Last Name) **Bruce Downing** Well Technician's Licence No. **2173** Date Submitted (yyyy/mm/dd) **2009/** Signature of Technician **Bruce Downing**

Date 1st Well in Cluster Constructed (yyyy/mm/dd) **2009/06/05** Date Last Well in Cluster Constructed (yyyy/mm/dd) **2009/06/13**

Ministry Use Only

Date Received (yyyy/mm/dd) **JUL 27 2009** Date Inspected (yyyy/mm/dd)

Audit No. **c05188** Remarks



Trow Associates Inc.

154 Cedarville Road South, Tel: 613/225-0940
Ottawa, Ontario K2L 7Z5 Fax: 613/225-6137

MONTFORT HOSPITAL - 713 MONTREAL ROAD, OTTAWA

MONITORING WELL LOCATION PLAN

JUL 27 2009

Address of Well Location (Street Number/Name) 550 Lang Rd		Township	Lot	Concession
County/District/Municipality		City/Town/Village Oshawa	Province Ontario	Postal Code
UTM Coordinates NAD 83	Zone 18	Easting 450178	Northing 5032653	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
BRN	Top soil		loose	0	.61
BRN	sand	stones	soft, dry	.61	3.05
GRY	silt	sand	soft, dry	3.05	5.18
BRN	sand	stones	dense, dry	5.18	6.71
GRY	clay	silt	wet	6.71	8.84

Annular Space		
Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)
0	.31	Benseal/concrete
.31	3.96	Benseal
3.96	8.84	filter sand

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input checked="" type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify Direct Push	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify

Construction Record - Casing			Status of Well
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Well Thickness (cm/in)	Depth (m/ft) From
3.81	PVC		0 to 26
			26 to 8.84

Construction Record - Screen			Status of Well
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From
	PVC	10	4.26 to 8.84

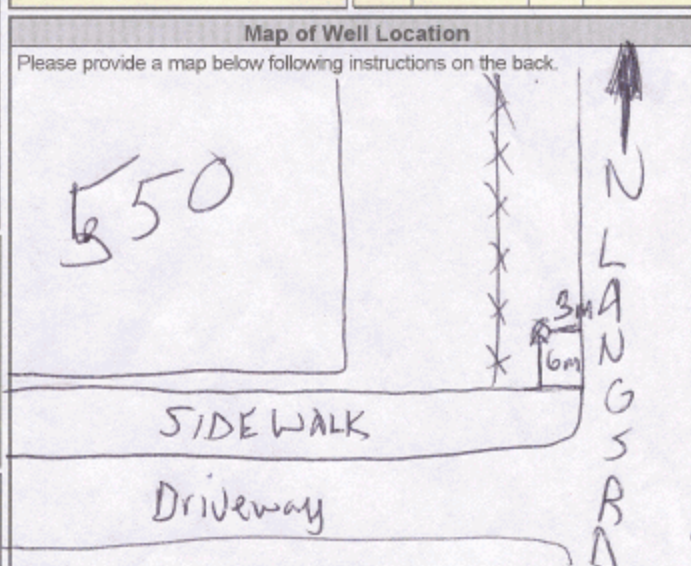
Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft) From	Depth (m/ft) To
		0	8.84

Business Name of Well Contractor Strata Soil Sampling Inc		Well Contractor's Licence No. 712411
Business Address (Street Number/Name) 147-2 West Beaver Creek Road		Municipality Richmond Hill
Province Ontario	Postal Code L4B1K6	Business E-mail Address wrecords@stratasoil.com
Bus. Telephone No. (inc. area code) 905-764-9304		Name of Well Technician (Last Name, First Name) Muir, Muir
Well Technician's Licence No. 3448	Signature of Technician and/or Contractor <i>Muir</i>	Date Submitted 20101015

Results of Well Yield Testing			
After test of well yield, water was:	Draw Down		Recovery
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Time (min)	Water Level (m/ft)	Time (min)
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?	25		25
<input type="checkbox"/> Yes <input type="checkbox"/> No	30		30
	40		40
	50		50
	60		60

Map of Well Location

Please provide a map below following instructions on the back.



Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D 20101015	Date Work Completed 20101015
Ministry Use Only		
Audit No. 2111736		
Received NOV 04 2010		

1092498

7868

Page 2 of 5

Measurements recorded in: ☒ Metric ☐ Imperial

Address of Well Location (Street Number/Name) 550 Langs Road		Township	Lot	Concession
County/District/Municipality		City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates NAD 83	Zone 18	Easting 450124	Northings 5032679	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
BRN	Top soil		loose	0	0.31
BRN	sand	silt	dry	0.31	3.96
BRN	sand	silt	wet	3.96	5.18

Annular Space		
Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)
0	0.31	Concrete/Flush mount
0.31	1.82	Benseal
1.82	5.18	Sand

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify direct push	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <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) From	To
3.81	PVC		0	2.13

Construction Record - Screen			Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	To
4.21	PVC	10	2.13	5.18

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) From	To
0		0	5.18

Business Name of Well Contractor Strata Soil Sampling Inc		Well Contractor's Licence No. 712411	
Business Address (Street Number/Name) 147-2 West Beaver Creek Road		Municipality Richmond Hill	
Province Ontario	Postal Code L4B1C6	Business E-mail Address wrecords@stratasoil.com	
Bus. Telephone No. (inc. area code) 905-764-9304		Name of Well Technician (Last Name, First Name) Mike	
Well Technician's Licence No. 34148		Date Submitted 20101015	

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

Map of Well Location

Please provide a map below following instructions on the back.

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D 20101001	Date Work Completed 20101001
Ministry Use Only Audit No. z111737 NOV 04 2010 Received		

Address of Well Location (Street Number/Name) 550 Langs Rd		Township	Lot	Concession
County/District/Municipality		City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number
NAD	83	18450115	5032656	

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)	
BRN	Top soil		soft, loose	0	.31
BKN	sand	clay	soft, dry	.31	2.13
BRN	sand clay	sand	dense, dry	2.13	3.96
GRY	shale		hard	3.96	7.62

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 .31	Concrete Flushment	
.31 2.74	Benseal	
2.74 4.57	Sand	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify direct push	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify <input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Monitoring

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)	
3.81	PVC		0	3.04

Construction Record - Screen			Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
4.21	PVC	10	3.04	7.62

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)
		0 3.96	11.43
		3.96 7.62	7.62

Business Name of Well Contractor Strata Soil Sampling Inc		Well Contractor's Licence No. 71241
Business Address (Street Number/Name) 147-2 West Beaver Creek Road		Municipality Richmond Hill
Province Ontario	Postal Code L4B1C6	Business E-mail Address Wrecords@Stratasoil.com
Bus. Telephone No. (inc. area code) 905-764-9304		
Name of Well Technician (Last Name, First Name) Muir Mike		
Well Technician's Licence No. 3448	Signature of Technician and/or Contractor <i>[Signature]</i>	Date Submitted 20101015

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)
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

Map of Well Location

Please provide a map below following instructions on the back.

Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D 20101001	
Date Work Completed	20101001	Audit No. z111738
		NOV 04 2010

Address of Well Location (Street Number/Name) <u>550 Lange Rd</u>		Township	Lot	Concession
County/District/Municipality		City/Town/Village <u>Ottawa</u>	Province Ontario	Postal Code
UTM Coordinates NAD <u>83</u>	Zone <u>18</u>	Easting <u>450090</u>	Northing <u>5032670</u>	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			From	To
<u>BRN</u>	<u>Sand</u>		<u>Dry, Soft</u>	<u>0</u>	<u>.31</u>
<u>BRN/GRY</u>	<u>Shale</u>		<u>Dry,</u>	<u>.31</u>	<u>1.83</u>
<u>GRY</u>	<u>Shale</u>		<u>wet,</u>	<u>1.83</u>	<u>4.57</u>

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From	To	
<u>0</u>	<u>.31</u>	<u>Concrete/Flashmount</u>
<u>.31</u>	<u>1.21</u>	<u>Ben Seal</u>
<u>1.21</u>	<u>4.57</u>	<u>Sand</u>

Method of Construction <input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify <u>direct push</u>	<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging	Well Use <input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify _____	<input type="checkbox"/> Commercial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Cooling & Air Conditioning <input type="checkbox"/> Not used <input type="checkbox"/> Dewatering <input type="checkbox"/> Monitoring
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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)		
From	To				
<u>5.08</u>	<u>PVC</u>		<u>0</u>	<u>1.52</u>	<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				
<u>6.21</u>	<u>PVC</u>	<u>10</u>	<u>1.52</u>	<u>4.57</u>	

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		
		<u>0</u>	<u>2.44</u> <u>11.43</u>
		<u>2.44</u>	<u>4.57</u> <u>7.62</u>

Well Contractor and Well Technician Information	
Business Name of Well Contractor <u>strata Soil Sampling Inc.</u>	Well Contractor's Licence No. <u>7 2 4 1</u>
Business Address (Street Number/Name) <u>147-2 West Beaver Creek Rd</u>	Municipality <u>Richmond Hill</u>
Province <u>ON</u>	Postal Code <u>L4B 1C6</u>
Business E-mail Address <u>wrecords@stratasoil.com</u>	
Bus. Telephone No. (inc. area code) <u>905 764 9304</u>	Name of Well Technician (Last Name, First Name) <u>Maiz Mike</u>
Well Technician's Licence No. <u>3 4 4 8</u>	Signature of Technician and/or Contractor <u>[Signature]</u>
Date Submitted <u>20101015</u>	

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____		Time (min)	Water Level (m/ft)
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?		25	25
<input type="checkbox"/> Yes <input type="checkbox"/> No		30	30
		40	40
		50	50
		60	60

Map of Well Location

Please provide a map below following instructions on the back.

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D <u>20101001</u>	Date Work Completed <u>20101001</u>
Ministry Use Only Audit No. <u>z111739</u> Received <u>NOV 04 2010</u>		

A 092501

A092501

Measurements recorded in: ☒ Metric ☐ Imperial

Address of Well Location (Street Number/Name) 550 Langs Rd		Township	Lot	Concession
County/District/Municipality		City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates	Zone Easting	Northing	Municipal Plan and Sublot Number	
NAD 83	18	450098	503266	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)
BRN	Top soil		soft, loose	0 .31
BRN	clay	sand	soft, dry	.31 3.35
GRY	shale		hard	3.35 9.14

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)	
0 .31	Concrete / Rushment		
.31 4.26	Benseal		
4.26 9.14	Sand		

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

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)	From	To
3.81	PVC		0	4.57	

Construction Record - Screen				Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	From	To
4.21	PVC	10	4.57	9.14	

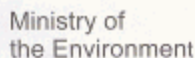
Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
0		0 3.35	11.43
2.35		9.14	7.62

Well Contractor and Well Technician Information			
Business Name of Well Contractor Strata Soil Sampling Inc		Well Contractor's Licence No. 712 411	
Business Address (Street Number/Name) 147-2 West Beaver Creek Road		Municipality Richmond Hill	
Province Ontario	Postal Code L4B1C6	Business E-mail Address Wrecords@stratasoil.com	
Bus. Telephone No. (inc. area code) 905-764-9304		Name of Well Technician (Last Name, First Name) Mike	
Well Technician's Licence No. 3448		Signature of Technician and/or Contractor Mike	
Date Submitted 20101015			

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify		Time (min)	Water Level (m/ft)
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?		25	25
<input type="checkbox"/> Yes <input type="checkbox"/> No		30	30
		40	40
		50	50
		60	60

Map of Well Location
Please provide a map below following instructions on the back.
Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D 20101001	Audit No. z116169
	Date Work Completed	NOV 04 2010



Measurements recorded in: ☐ Metric ☒ Imperial

A 094370 Print Below)

Well Record
Regulation 903 Ontario Water Resources Act
Page 1 of 1

Address of Well Location (Street Number/Name) 550 Langs Road			Township	Lot	Concession
County/District/Municipality			City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD	8	3	1810449624E5031789N		

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
Gray	Clay		Soft.	0	13'
Gray	Limestone	Clay Seams	Layered	13'	26'
6 MW'S Set in Cluster					


Annular Space			
Depth Set at (m/ft)		Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From	To		
0	15	3/8" Bentonite Chips.	
15	26'	#2 Silica 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"/> 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 checked="" type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input checked="" 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					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 <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply
			From	To	
2"	Plastic	.25"	0	16'	

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
2.25"	Plastic	10	16'	26'

Water Details		Hole Diameter		
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)	
		From	To	
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	0	13'	8"
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	13	26'	4"
Water found at Depth (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested			

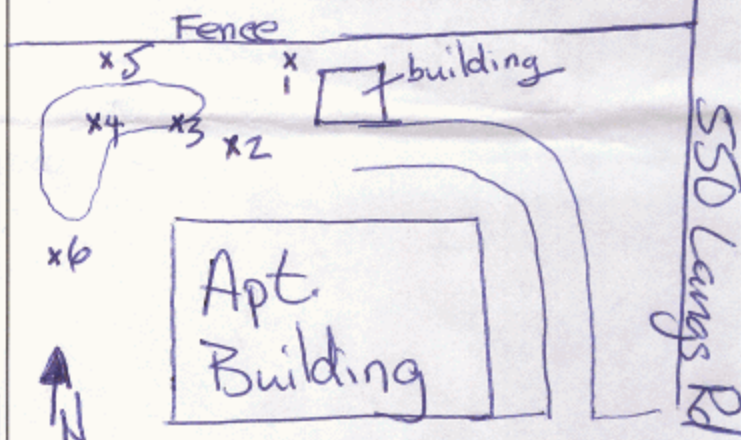
Well Contractor and Well Technician Information			
Business Name of Well Contractor		Well Contractor's Licence No.	
Can. Env. Drilling & Contractors Inc		7 3 2 3	
Business Address (Street Number/Name)		Municipality	
4102 Perth Rd. Inverary		South Frontenac	
Province	Postal Code	Business E-mail Address	
ON	K0H1X0	JONATHAN@canedc.com	
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)		
613/353-2231	FILLION JONATHAN		
Well Technician's Licence No.	Signature of Technician and/or Contractor		Date Submitted
3 3 1 5			2010 11 12

Results of Well Yield Testing

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
	Y Y Y Y M M D D	
<input type="checkbox"/> Yes	Date Work Completed	NOV 10 2010 Received
<input type="checkbox"/> No	2010 10 8	

Master Well Owner's and Land Owner's Information

First Name City of Ottawa	Last Name Real Estate Partnerships & Development Office	E-mail Address
Mailing Address (Street Number/Name, RR) 110 Laurier Ave.	Municipality Ottawa	Province ON
Postal Code K1P1S1	Telephone No. (inc. area code) 6135862424	

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR) 800 Montreal Road	Township	Lot	Concession
County/District/Municipality	City/Town/Village Ottawa	Province Ontario	Postal Code
UTM Coordinates NAD 83 18 45 03 26 50 32 44 2	Zone 18	Easting 450326	Northing 5032442
GPS Unit Make Garmin	Model Etrex	Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged	<input type="checkbox"/> Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres)
From	To			
brown	silt	sand	Topsoil	0 0.6
brown	silt	sand/gravel	Fill	0.6 1.2
black	sand	gravel	Fill	1.2 1.8
red	sand	silt	silty sand	1.8 2.2
yellow brown	sand		silty sand	2.2 4.17

Hole Details

Depth (Metres)	Diameter (Centimetres)
From	To
0	4.17
2.0	

Water Use

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

Method of Construction

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

Status of Well

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

No Casing and Screen Used

Open Hole	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metres dry on March 03/11
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Screen

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

Water Details

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

Disinfected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, provide reason: Monitoring well	Date Master Well Completed (yyyy/mm/dd) 2011/03/09
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Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)

Total Wells in Cluster 6	Please indicate Number of Cluster Well Information Log Sheets Submitted 1
Total Wells on this Property unknown	

Location of Well Cluster

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

Consent to release additional information concerning the cluster to
Well Contractor and Well Technician Information

Business Name of Well Contractor George Downing Estate Drilling	Well Contractor's Licence No. 1844
Business Address (Street No./Name, number, RR) 410 Rue Principale	Municipality Greenville sur la Route
Province QC	Postal Code J0V1P0
Business E-mail Address downing@hqwk-ign.net	
Bus. Telephone No. (inc. area code) 819 242 6469	Name of Well Technician (Last Name, First Name) Downing Pierre
Well Technician's Licence No. 2173	Signature of Technician <i>[Signature]</i>
Date Submitted (yyyy/mm/dd) 2011/04/19	

Ministry Use Only

Audit No. M 06834	Well Contractor No.
Date Received (yyyy/mm/dd)	Date of Inspection (yyyy/mm/dd)
Remarks MAY 13 2011	

Property Owner's Information			
First Name City of Ottawa	Last Name	Mailing Address (Street No./Name, RR) 110 Laurier Ave.	Municipality Ottawa
Province ON	Postal Code K1P1S1	E-mail Address	Telephone No. (inc. area code) 6135802424

Cluster Well Information					
Address of Well Location (Street Number/Name, RR) 800 Montreal Road		Lot	Concession	Township	County/District/Municipality
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make Garmin	Model Etrex	Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify:

Signature of Technician/Contractor <i>Brian Downing</i>		Date (yyyy/mm/dd) 2011/04/19
------------------------------------------------------------	--	---------------------------------

Well # on Sketch	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
	Zone	Easting						From	To					
1	18	4503945032441	4.05	20	HSA	PVC	1.05	1.05	4.05	Bentonite	2.05			2011/03/08
2	18	4503775032465	4				1	1	4		2.46			2011/03/07
3	18	4503685032486	4				1	1	4		2.34			2011/03/07
4	18	4503565032463	4				1	1	4		2.46			2011/03/07
5	18	4503655032444	4				1	1	4		2.82			2011/03/07

Well Contractor and Well Technician Information					
Business Name of Well Contractor George Downing Estate Drilling Ltd.		Business Address (Street Number/Name, RR) 410 Rue Principale, Grenville sur la Riviere		Municipality QC	Province
Postal Code J0V1B0	Business Telephone No. (inc. area code) 8192426461	Well Contractor's Licence No. 1844	Business E-mail Address downing@hawk.igs.net		
Name of Well Technician (First Name, Last Name) Brian Downing		Well Technician's Licence No. 2173	Date Submitted (yyyy/mm/dd) 2011/04/19	Signature of Technician <i>Brian Downing</i>	

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2011/03/07	Date Last Well in Cluster Constructed (yyyy/mm/dd) 2011/03/08
Ministry Use Only	
Date Received (yyyy/mm/dd) MAY 13 2011	Date Inspected (yyyy/mm/dd)
Audit No. c 13642	Remarks m06834

C-1844
M06834
C13642

MAY 13 2011



2150 THURSTON DRIVE, SUITE 203
OTTAWA, ONTARIO, K1G 5T9
TEL (613) 748-1415 FAX (613) 748-1356
www.dstgroup.com

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ASSOCIATED TECHNICAL REPORT.
2. DO NOT SCALE DRAWING

LEGEND:

- BHMW1 BOREHOLE / MONITORING WELL
INSTALLED BY DST IN 2011
- APPROXIMATE SITE BOUNDARY

REV	DATE	ISSUE	APPROVAL
1	10/03/11	Preliminary	V.A.

PROJECT TITLE

Phase II ESA
800 Montreal Road, Part 3
Ottawa, Ontario

DRAWING TITLE

SITE PLAN

DESIGNED BY S.L.	SCALE As Shown
DRAWN BY V.C.	DATE March 2011
APPROVED BY V.A.	PROJECT NO.: QE-QT-013115

FIGURE 2



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

A124903

Well # on Drawing of Deepest Well: #4

All measurements recorded in: ☒ Metric ☐ Imperial

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

Page 1 of 1

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. <input checked="" type="checkbox"/> Detailed Drawing of All Well Locations must be attached. I, the person constructing the well, will promptly submit to the Director, on request, any additional information in my custody or control related to any well in the well cluster that I have constructed.			
140 Den Haag RD.									Carson Grove		OTTAWA CITY OF				Signature of Technician/Contractor: [Signature] Date (yyyy/mm/dd): 2012 04 01			
City, Town, Village or Hamlet					Province		GPS Unit Make		Model		Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify: _____							
OTTAWA					Ontario		Garmin		MAP 76									
Well Details																		
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 Filling Material Intervals (m/ft)	Static Water Level (m/ft)	Date of Completion (yyyy/mm/dd)		
	Zone	Easting					North	From	To	From	To	From	To				Material:	
1	18	450369	5032445	5.49	15.24	Boring	PVC 5.08	0	2.43	2.43	5.49	0	1.52	Bentonite 5.08	0 - 1.32 Sand gravel 1.32 - 5.49 Shale - soft	5.18	2012 03 29	
2	18	450377	5032417	5.49	15.24	Boring	PVC 5.08	0	2.43	2.43	5.49	0	1.52	Bentonite 5.08	0 - 1.32 Sand gravel 1.32 - 5.49 Soft shale	5.18	2012 03 29	
3	18	450370	5032433	4.88	15.24	Boring	PVC 5.08	0	1.22	1.22	4.88	0	0.91	Bentonite 5.08	0 - 0.91 Sand gravel 0.91 - 4.88 Soft shale	4.57	2012 03 29	
4	18	450390	5032440	5.49	15.24	Boring	PVC 5.08	0	2.43	2.43	5.49	0	1.52	Bentonite 5.08	0 - 1.83 Sand gravel 1.83 - 5.49 Soft shale	5.18	2012 03 29	
Well Contractor and Well Technician Information													Date First Well in Cluster Constructed or Abandoned (yyyy/mm/dd)		Date Last Well in Cluster Completed (yyyy/mm/dd)		Ministry Use Only	
Business Name of Well Contractor			Business Address (Street Number/Name, RR)			Municipality			Province			2012 03 29		2012 03 29		Date Received (yyyy/mm/dd) APR 23 2012 Audit No. C 16380		
G.E.T. Drilling Ltd			278 Drive-in rd			Napanee			ON									
Postal Code		Bus. Telephone No.		Well Contractor's Licence No.		Business E-mail Address							Well Abandonment		Comments:			
K7P 2B3		613 354 4767		7085		getdrilling@mycando.ca							Person Abandoning the Wells:					
Name of Well Technician (First Name, Last Name)				Well Technician's Licence No.		Signature of Well Technician			Date Submitted (yyyy/mm/dd)			Name		(Print or Type) - See instruction 11 on the back of this form				
Tim Harrison				2251		[Signature]			2012 04 01									

This form is to be completed by the person who constructs or abandons test holes or dewatering wells that form all or part of a well cluster. If this form is being used to report any well abandonment, these wells must have been previously reported as part of a single well cluster.

Note: For well cluster records, only the owners of the land on which the wells are situated are to give written consent. If the well purchaser (e.g. a consultant who hires the driller) is not the owner of the land, then the well purchaser cannot sign the consent form.

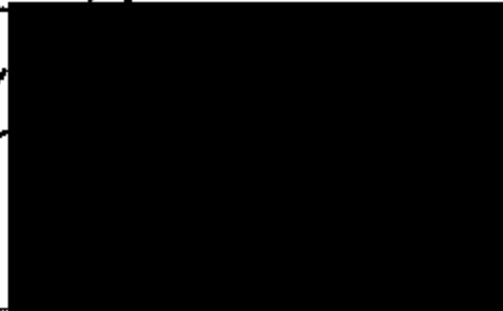
By signing this form, land owners are providing consent to use one well record to report a well cluster of test holes or dewatering wells in accordance with section 16.4 of Regulation 903 made under the *Ontario Water Resources Act*.

This completed Well Record for Well Cluster Part 2 - Land Owner Consent must be attached to Parts 1 and 3.

* Please PRINT if completing by hand.

Well Tag Number: # A124903

"Well Record for Well Cluster" Audit Number: # C16380

Well # on Detailed Drawing	Property Location Description	Land Owner's Name	Signature of Land Owner	Date Signed, (yyyy/mm/dd)
# 1-4	140 Den Haag RD OTTAWA ON	CITY of Ottawa		2012 03 29
	C-7085 C/16380			

APR 23 2012

Part 1 - Ministry's Copy

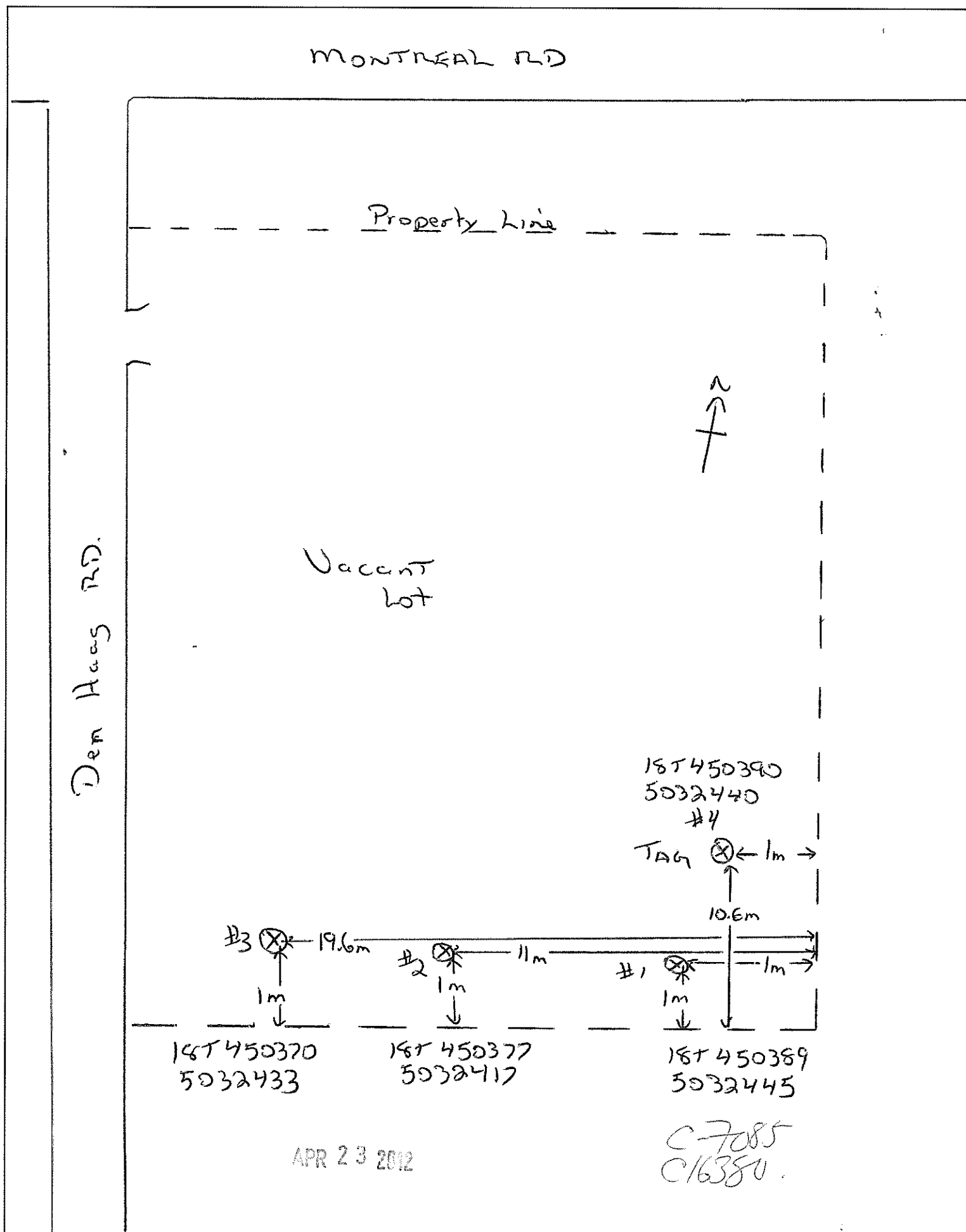
Well Record for Well Cluster - Part 3 of 3
Detailed Drawing of All Well Locations

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

UTM coordinates should appear beside each well, if space permits. Additional comments on wells can be included on the drawing

Well Tag Number: # A124903

"Well Record for Well Cluster" Form Audit Number: # C16380





Measurements recorded in: ☐ Metric ☒ Imperial

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Canada Lands Company	40 VALECRAFT HOMES LTD.		
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
#210-1455 Youville Drive	Ottawa	Ontario	K1C 6Z7

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
#800 Montreal Road	Ottawa/Gloucester	P/L24	Con1
County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa Carleton	Ottawa	Ontario	
UTM Coordinates Zone Easting Northing	Municipal Plan and Sublot Number	Other	
NAD 83 184504165032460	RP4R25131	Brts 9.10x13	

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)
	17" X 16" PVC WELL ABANDONMENT DIAMETER			0' 13'6"
See Attached MOE WORK - Jan 8, 2009 TAG A080983 - Audit 291927				

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)	
13'6" 9'6"	GRAVEL		
9'6" 7'6"	CEMENT		
7'6" 0	BACKFILL		

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <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)	
			From To	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
				New Construction

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	

Well Contractor and Well Technician Information			
Business Name of Well Contractor	Well Contractor's Licence No.		
AIR ROCK DRILLING CO LTD	1119		
Business Address (Street Number/Name)	Municipality		
RR#1	RICHMOND		
Province	Postal Code	Business E-mail Address	
ONT	K0A2Z0		
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)		
613 838 2170	Deslenners Ken		
Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted	
TT4		20141031	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	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	
10		10		
If flowing give rate (l/min / GPM)	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	
50		50		
60		60		
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location	
Please provide a map below following instructions on the back.	

Comments:	Well owner's information package delivered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 20141016	Date Work Completed 20141016
Ministry Use Only		Audit No. 2167044	
Received		JAN 06 2015	



File Number: C10-01-16-0306

December 2, 2016

Michael Beaudoin
Paterson Group
154 Colonnade Rd. S
Ottawa ON
K2E 7J5

Sent via email [MBeaudoin@patersongroup.ca]

Dear Michael Beaudoin,

**Re: Information Request
765 Montreal Road, Ottawa, Ontario ("Subject Property")**

Internal Department Circulation

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

- The City's Solid Waste Division notes that the subject property is located 5 kilometres away from Metro 2475 – Metro MRF located at 2475 Sheffield Road.

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

- There is 1 activity associated with the Subject Property: Activity Number 8787

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

- There are 3 activities associated with the properties located within 50m of the Subject Property: Activity Numbers 6760, 5486 and 11326

*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. 24856
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. 24856
Télééc: (613) 560-6006
www.ottawa.ca

Please note that Activity Number 6760 has 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 Subject Property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Number with a PIN Certainty of "2".

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact Stephanie Mirtitsch at 613-580-2424 ext. 24856 or HLUI@ottawa.ca

Sincerely,

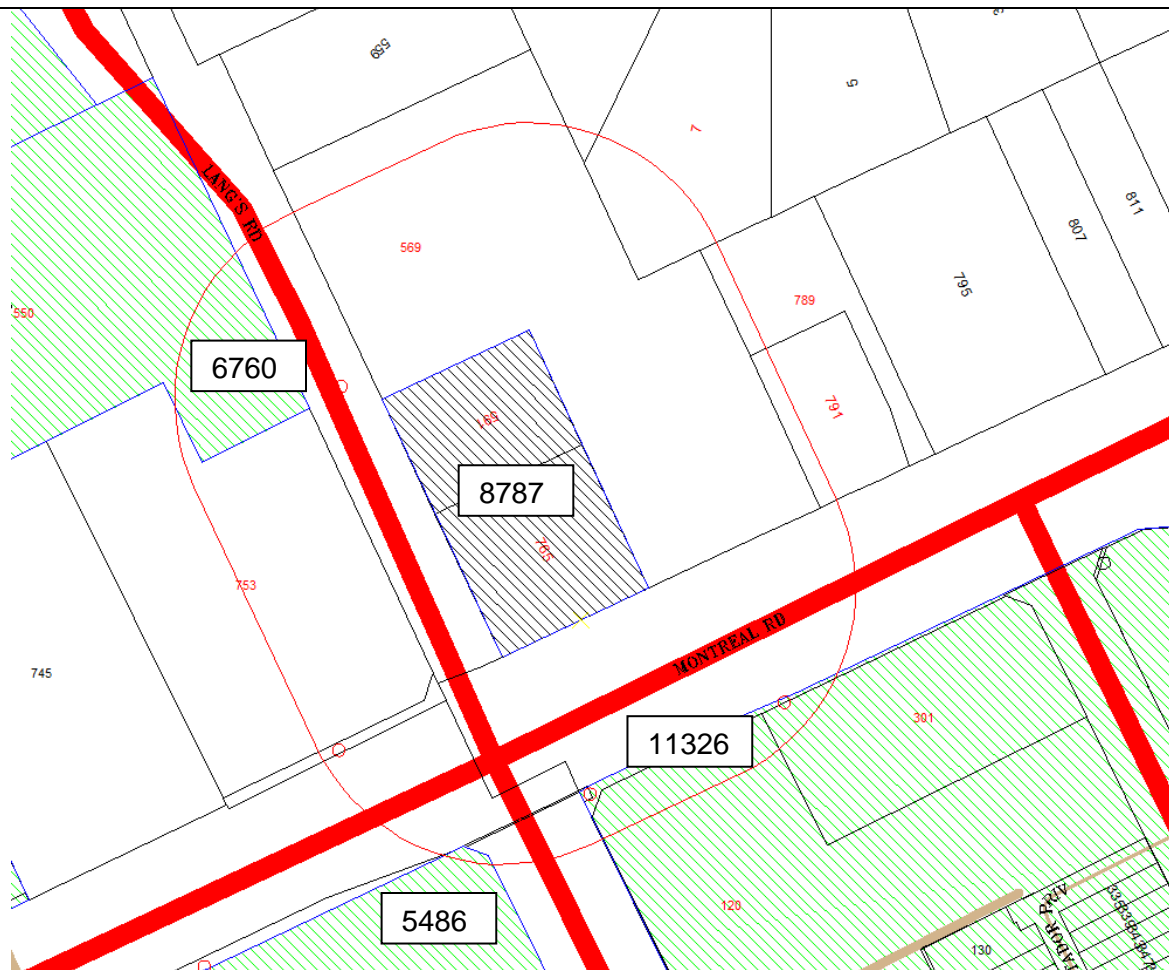


for Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB/ SM

Attach: 5

cc: File no. C10-01-16-0306




Scale 1: n/a

765 Montreal Road
Ottawa, ON
File # C10-01-16-0306
Stephanie Mirtitsch



Overview

ID# = Activity Identification Number

 = Subject Site



CITY OF OTTAWA
HLUI ID: __6799GH
AREA (Square Metres): 2693.777

Report: RPTC_OT_DEV0122
Run On: 30 Nov 2016 at: 14:34:25

Study Year
2005

PIN
042750006

Multi-NAIC
N

Multiple Activities
N

Activity ID: 8787 **Multiple PINS:** N

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

Related PINS: 042750006

Name: MONECA KAISER DESIGN BUILD

Address: 591 LANGS ROAD,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name

MONECA KAISER DESIGN BUILD

Year of Operation

c. 2005

**CITY OF OTTAWA**

HLUI ID: __679GS9

AREA (Square Metres): 8098.669

Report: RPTC_OT_DEV0122

Run On: 30 Nov 2016 at: 14:34:50

Study Year
1998PIN
042730243Multi-NAIC
YMultiple Activities
N

Activity ID: 6760 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 4341

Related PINS: 042730243

Name: HOPITAL ST. LOUIS-MARIE DE MONTFORT

Address: MONTREAL ROAD, OTTAWA

Facility Type: Electric Power Systems Industry

Comments 1: M.1956 doesn't give civic street number. MOE PCB Site #40294A021 (PCB storage on site) UTM = 449950E, 5032400N (1967)

Comments 2: 683-713

Generator Number:

Storage Tanks:

HL References 1: M.1956, M.1960, M.1970, M.1980; FIP1956-265-26500; MOEE PCB Inventory-1995; SC98; 1922-DMD-TM-Ottawa Sheet #14; 1948-DND-ASE-NTS-31G/5; 1967-EMR-SMB-NTS-31/5-7th ed.; 1985-EMR-SMB-NTS-31/5- 11th ed.

HL References 2:

HL References 3:

NAICS	SIC
622112	861
221119	491
622210	861
493130	479
221122	491
221112	491
221111	491
493120	479
493190	479
221121	491
622310	861
221113	491
622111	861

Company NameHopital St. Louis-Marie de Montfort
Montfort Hospital**Year of Operation**c. 1956-1994
c. 1995-1999



CITY OF OTTAWA
HLUI ID: __679ANG
AREA (Square Metres): 75514.903

Report: RPTC_OT_DEV0122
Run On: 30 Nov 2016 at: 14:35:31

Study Year
2005

PIN
042690982

Multi-NAIC
N

Multiple Activities
N

Activity ID: 5486 **Multiple PINS:** N

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

Related PINS: 042690982

Name: FED-CMHC

Address: 700 MONTREAL ROAD,

Facility Type: General Administrative Services

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
911910	0

Company Name

FED-CMHC

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: __679ANC

AREA (Square Metres): 42114.329

Report: RPTC_OT_DEV0122

Run On: 30 Nov 2016 at: 14:35:57

Study Year
2005

PIN
042690137

Multi-NAIC
N

Multiple Activities
N

Activity ID: 11326 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 042690137
Name: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
Address: 800 MONTREAL ROAD, OTTAWA
Facility Type: General Administrative Services
Comments 1: CHP
Comments 2:
Generator Number: ON0144765
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2000 PID

NAICS **SIC**
911910 0

Company Name	Year of Operation
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	c. 2000
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	c. 2005

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

POSITION

Environmental Engineer

EDUCATION

Carleton University, B.Eng. 2010
Environmental Engineering

EXPERIENCE

2010-present

Paterson Group Inc.

Consulting Engineers

Geotechnical and Environmental Division

Environmental Specialist

SELECT LIST OF PROJECTS

Rideau Street Reconstruction - Ottawa

Main Street Reconstruction - Ottawa

Woodroffe Avenue Reconstruction – Ottawa

Westboro Connection Remediation - Ottawa

Former Alcan Plant Redevelopment - Kingston

Former Nordex Facility Redevelopment - Kingston

Jack Garland Airport Remediation – North Bay

Highway 17 Twinning Project – Arnprior

Watermain Construction – North Bay

Waste Audits – Various City of Ottawa Facilities

Parks Recycling Pilot Program – Various City of Ottawa parks

Special Events Recycling Pilot Program – Special Events with the City of Ottawa

Groundwater Remediation and Monitoring Program Supervision – Ottawa

Designated Substance Surveys – Residential and Commercial Sites – Ottawa

Asbestos Air Testing – Various Locations - Ottawa

Mould Testing – Various Locations - Ottawa

Phase I & II Environmental Site Assessments – Residential, Commercial and Industrial Sites – Ottawa (CSA Z768-01 and O.Reg 269/11)

**Environmental
Engineering**

**Geotechnical
Engineering**

**Materials Testing
Quality Control**

Building Sciences

Hydrogeology

Archeological Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario
Consulting Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Rideau Centre Expansion project - Ottawa
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Investigation and Remediation – Cotton Mill Redevelopment, Cornwall
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Assessment and Remediation - North Bay Airport
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
PWGSC Building – 90 Elgin Street - Ottawa
Remediation Program - Ottawa Train Yards
MHLH Facility – CFB Petawawa
Ottawa Congress Centre
Lansdowne Park Redevelopment - Ottawa

**Environmental
Engineering**

**Geotechnical
Engineering**

**Materials Testing
Quality Control**

Building Science

Hydrogeology

**Archaeological
Services**