Geotechnical Engineering

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Phase I Environmental Site Assessment

Northern Part of 1919 Riverside Drive
Ottawa, Ontario

Prepared For

Schlegel Villages

October 15, 2021

Report: PE5409-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Schlegel Villages to conduct a Phase I Environmental Site Assessment (ESA) for the northern part of 1919 Riverside Drive, in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I ESA Property was initially developed with a residence/farmstead prior to 1928 and redeveloped between 1965 and 1976 with the existing asphaltic concrete paved parking lot associated with the Ottawa Hospital. No potentially contaminating activities (PCAs) were identified on the Phase I ESA Property.

Historical research indicates that surrounding land use to the west was a former landfill, approximately 85 m downgradient from the Phase I ESA Property. Based on the location relative to the subject land including the Transit Way cut between the former landfill and subject land, this former landfill is not considered to represent an area of potential environmental concern (APEC). A railway was noted immediately east of the subject land and as such, it is considered to represent an APEC on the Phase I ESA Property. During the well records review, a former UST at 1967 Riverside Drive, approximately 36 m south was identified as part of a 2012 subsurface investigation. Based on the historical presence of the UST relative to the Phase I ESA Property, this historical PCA is considered to represent an APEC.

As part of this assessment, a representative with The Ottawa Hospital was interviewed as part of this assessment. According to the interviewee, the former UST was decommissioned in 2012 and replaced with an above ground storage tank (AST). A former underground diesel spill was also reported in 2002, followed by a clean-up that spanned over the course of 3 to 4 years. No reports were available for review at this time. The historical spill associated with the UST is considered to represent an APEC on the Phase I ESA Property as well as the current AST located 36 m south of the Phase I ESA Property.

Following the historical research, a site visit was conducted to assess the current use of the Phase I ESA Property and the Phase I ESA study area. The Phase I ESA Property is occupied by an asphaltic concrete paved parking lot associated with the Ottawa

Hospital at 1967 Riverside Drive. No potential environmental concerns were identified with the current use of the Phase I ESA Property.

Neighbouring land use consisted primarily of residential and institutional. No new PCAs that would have resulting in APECs were identified in the Phase I – ESA study area.

Recommendations

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

1.0 INTRODUCTION

At the request of Schlegel Villages, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for the northern part of 1919 Riverside Drive, 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. Brad Schlegel of Schlegel Villages. The office of Schlegel Villages is located at 325 Max Beker Drive, Ottawa, Ontario.

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

2.0 PHASE I ESA PROPERTY INFORMATION

Address:	Part of 1919 Riverside Drive, Ottawa, Ontario.
Legal Description:	Part of Lots 15 and 16, Junction Gore and Part of Road allowance between Lots 15 and 16, in the City of Ottawa, Ontario.
Location:	The subject site is located on the east side of Riverside Drive, south of Smyth Road, in the City of Ottawa, Ontario. For the purpose of this assessment, Riverside Drive is considered to run in a north-south direction. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 23' 51.31" N, 75° 40’ 2.74" W.

Site Description:

Configuration:	Irregular.
Site Area:	22,611 m^2 (approximate).
Zoning:	I2F – Institutional Zone.
Current Use:	Asphaltic concrete paved parking lot associated with the Riverside Hospital.
Services:	The subject site is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

Based on the 1928 aerial photograph, the northern portion of the Phase I ESA was occupied by a farmstead/residence. While the exact year of first developed use of the Phase I ESA Property is not known, for the purpose of this assessment, the first developed use is taken to be residential in 1928.

Fire Insurance Plans

Fire insurance plans are not available for the Phase I ESA Property or properties within the study area.

City of Ottawa Street Directories

City directories at the National Archives were reviewed in approximate 10 year intervals from 1965 to 2011. The Phase I ESA Property or part of 1919 Riverside Drive was listed as the Riverside Hospital/Ottawa Hospital Riverside Campus from 1970 to 2011. Neighbouring lands were primarily listed under private individuals (i.e. residential). No off-site potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified during the review of the directories.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on August 18, 2021. The subject site is not listed in the NPRI database. There are no properties registered in the NPRI database within the study area.

PCB Inventory

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

Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments

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

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the properties. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property be identified. A copy of the MECP FOI request is appended to this report.

MECP Incident Reports

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

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client should any pertinent information regarding the Phase I ESA Property be identified. A copy of the MECP FOI request is appended to this report.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

MECP 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. One former landfill, Ur-10, was identified approximately 85m west of the Phase I ESA Property.

Based on the downgradient orientation from the Phase I ESA Property, and the deep transit way cut to the west of the Ottawa Hospital, this former landfill is not considered to pose any risk to the subject land.

MECP Brownfields Environmental Site Registry

A search of the MECP 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 Phase I ESA Property or on properties 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). 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 August 18, 2021 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 Phase I ESA Property or the neighbouring lands. A copy of the TSSA correspondence is included in Appendix 2.

Former Industrial Sites

The report titled “Mapping and Assessment of Former Industrial Sites, City of Ottawa” prepared by Intera Technologies Limited was reviewed. No former industrial sites were identified on properties within the Phase I Study Area.

City of Ottawa Landfill Document

The document entitled “Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa”, was reviewed. One former landfill, Ur-10, was identified approximately 85m west of the Phase I ESA Property. According to the document, a Phase II ESA was completed in 1998. Industrial and domestic solid wastes were identified 1 to 3 m below the existing ground surface. Leachate/runoff into to the Rideau River and methane gas were considered environmental concerns and were monitored until 1993. This site was considered a low level methane gas generator. As previously discussed in this report, the former landfill is not considered to pose any risk to the subject land.

City of Ottawa Historical Land Use Inventory (HLUI) Database

A requisition form was sent to the City of Ottawa to request information from the City’s Historical Land Use Inventory database for the Phase I ESA property and properties within a 250 m search area. A response had not been received prior to issuing this report. A copy of the HLUI application is appended to this letter.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Search Report, dated August 23, 2021, was obtained for the Phase I ESA Property and properties within the Phase I Study Area.

According to the ERIS report, there were no records identified for the Phase I ESA Property. The ERIS search identified off-site records including waste generators, spills and incidents, an abandonment of a UST and several environmental records.

The majority of the waste generation records were associated with laboratory and medical wastes produced at the Ottawa Hospital (off-site). Based on the nature of these records, as well as the remaining off-site records, they are not considered to represent APECs on the Phase I ESA Property based on their down gradient orientation and/or separation distances. No other APECs were identified during the review of the ERIS report. A copy of the ERIS report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

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

1928 The subject site appears to be partially occupied by agricultural fields (southern portion), a residence or small farmstead (northern portion) and Smyth Road. The Canadian Pacific Railway (CPR) line can be seen along the eastern property boundary and Riverside Drive along the western property boundary. The surrounding lands exist as agricultural fields.

1958 No significant changes have been made to the subject site. Neighbouring lands to the north and west remain unchanged from the previous photograph. Lands to the east and further south are occupied by residential dwellings. The CPR line is still present at this time.

1965 No significant changes have been made to the subject site or surrounding lands, with the exception of the Ottawa Hospital to the immediate southwest and the realignment of Smyth Road to the north.

1976 The former residence/farmstead on the northern portion is no longer present at this time. The southern portion of the subject site appears to have been redeveloped as an asphaltic concrete parking lot associated with the Ottawa Hospital. Smyth Road and Riverside Drive have been realigned at this time. Lands further north are now occupied by residential apartment buildings.

1991 No significant changes have been made to the subject site or surrounding lands.

2002 The subject site and surrounding lands appear unchanged from the previous photograph.

2011 The parking lot on the subject site has been expanded and occupies the majority of the site. No significant changes have been made to the neighbouring lands.

2019 The subject site and surrounding lands appear unchanged from the previous photograph.

Based on the review of the aerial photographs, the abutting railway line to the east is considered a PCA that represents an APEC on the Phase I ESA Property. Copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicated a downward slope in a westerly direction. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

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

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of shale of the Billings Formation. The overburden across the site consists of off-shore marine sediments consisting of erosional terraces with a drift thickness on the order of 2 to 3 m across the site.

Water Well Records

A search of the MECP's web site for all drilled well records within 250 m of the subject site was conducted on August 19, 2021. The search returned 13 well records within the Phase I Study Area, 12 of which were monitoring wells and one domestic well.

Based on the review of these records, three (3) monitoring wells were identified on the southern portion of the Phase I ESA Property. These wells were drilled in 2012 as part of an environmental site assessment to assess potential environmental concerns associated with a former UST situated approximately 36 m south of the Phase I ESA Property. The remaining nine (9) wells were drilled on the property to the west of the Phase I ESA Property to assess the historical impacts of a former diesel spill in 2002 and the removal of a former UST in 2012 in the immediate area of the Ottawa Hospital boiler room, located approximately 36 m south of the subject land.

The former diesel spill and historical presence of the UST are PCAs that are considered to represent an APEC on the Phase I ESA Property.

One domestic well was identified on a property more than 200 m away from the subject land. The well was drilled in 1951 to a maximum depth of 30.5 m below the existing ground surface. Based on this well record, the stratigraphy in the area consisted of clay followed by sandstone. No additional information pertinent to the Phase I ESA Property was noted during the review of the well records. Copies of the well records are provided in Appendix 2.

Water Bodies and Areas of Natural Significance

The Rideau River is located approximately 225m west of the Phase I ESA Property. There are no other natural bodies of water or areas of natural significance within the Phase I study area.

5.0 INTERVIEWS

Property Owner Representative

Ms. Elena Pascuet of The Ottawa Hospital was interviewed via email as part of this assessment. Ms. Pascuet was considered for this interview based on her knowledge of the Phase I ESA Property and use of the neighbouring land (Ottawa Hospital).

According to Ms. Pascuet, the former UST located on the adjacent property to the south of the Phase I ESA Property was removed in 2012 and replaced with an aboveground storage tank (AST). No documentation (Phase I-II ESA report from 2012) was found by Ms. Pascuet. Ms. Pascuet is not aware of any other potential environmental concerns, with the exception of an underground diesel spill due to a broken fuel line that occurred in 2002.

It should be noted that this spill was reported in the ERIS report as well. The resulting site clean-up was performed over the course of 3 to 4 years.

A hard copy of the remediation report is reportedly available for review; however, it was not received since prior to the issuance of this report. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site assessment was conducted on August 18, 2021. Ms. Mandy Witteman from the Environmental Department of Paterson Group conducted the site visit. Access was provided to the entire subject property. 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 ESA Property

Buildings and Structures

There are no buildings present on the Phase I ESA Property. Structures on-site include a parking meter, barricade and pole mounted lights as well as catch basins.

Site Features

The Phase I ESA Property exists as an asphaltic concrete paved parking lot with landscaped areas around the northern, eastern and western property boundaries. The parking lot is associated with the Ottawa Hospital.

The site topography is above the grade of Smyth Road and slopes down towards the south. Site drainage consists primarily of infiltration with some sheet drainage to catch basins on-site and on the adjacent laneway.

The regional topography slopes down in a northwesterly/westerly direction towards the Rideau River.

No evidence of current or former railway or spur lines was observed on the Phase I ESA Property at the time of the site visit.

No signs of an underground storage tank (UST) or above ground storage tank (AST) were noted at the time of the site visit. No areas of staining, unidentified substances or ponded water were observed on-site at this time.

Subsurface Services and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities and/or structures include electricity, water and sewer entering the site from Riverside Drive and passing through the central portion of the site to Balmoral Place.

One monitoring well (MW3), which was drilled as part of a subsurface investigation conducted in 2012, was identified along the southwestern side of the subject land.

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 – Smyth Road, followed by residential;
- South – Ottawa Hospital;
- East – Railway, followed by residential;
- West – Transit Way, followed by Riverside Drive.

The railway is considered a potentially contaminating activity (PCA) that represents an area of potential environmental concern (APEC). No other potential environmental concerns were identified with the present use of the neighbouring properties. Off-site PCAs identified in the study area are shown on Drawing PE5409-2 – Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I ESA Property was developed prior to 1928 for residential purposes and redeveloped with the existing asphaltic concrete paved parking lot associated with the Hospital circa 1976. The Phase I ESA Property has been used for institutional purposes since the redevelopment of the subject land.

The proposed land use remains unchanged and as such, a Record of Site Condition (RSC) is not required.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Column A of Table 2 of the O.Reg. 153/04, as amended, the following PCAs that generated APECs on the Phase I ESA Property are:

- PCA 28 – "Gasoline and Associated Products Storage in Fixed Tanks" associated with a historical UST and current AST on the adjacent property south of the Phase I ESA Property (APEC 1).
- PCA Other – "Diesel Spill" associated with a historical spill associated wit the former UST on the on the adjacent property south of the Phase I ESA Property (APEC 1).
- PCA 46 – "Rail Yards, Tracks and Spurs," associated with the railway tracks present along the eastern property boundary of the Phase I ESA Property (APEC 2).
- PCA Other – "Use of Road Salt," associated with the use of road salt for vehicular and pedestrian safety on the Phase I ESA Property (APEC 3).

Based on the findings of the Phase I ESA, it is considered likely that road salt was applied to the surface of the walkways, paved access lane and parking lot across the Phase I ESA Property for the safety of vehicular and pedestrian traffic under conditions of ice and/or snow.

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

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

APECs 1 and 2 are shown on Drawing PE5409-1 – Site Plan, while the corresponding PCAs are shown in red on Drawing PE5409-2 – Surrounding Land Use Plan.

Contaminants of Potential Concern

Based on the APECs identified on the Phase I ESA Property, the contaminants of potential concern (CPCs) are:

- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX);
- Petroleum Hydrocarbons (PHCs, F1-F4); and
- Polycyclic Aromatic Hydrocarbons (PAHs).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada mapping, drift thickness in the area of the subject site is on the order of 2 to 3 m across the site. The overburden consisted of off-shore marine sediments. Bedrock in the area consists of shale of the Billings Formation.

Existing Buildings and Structures

There are no buildings present on the Phase I ESA Property. Structures on-site include a parking meter, barricade and pole mounted lights as well as catch basins.

Subsurface Services and Utilities

The Phase I ESA Property is situated in a municipally serviced area. Underground utilities and/or structures include electricity, water and sewer entering the site from Riverside Drive and passing through the central portion of the site to Balmoral Place.

Areas of Natural Significance

No areas of natural significance were identified in the Phase I Study Area.

Water Bodies

The Rideau River is located approximately 225m west of the Phase I ESA Property. No other natural water bodies were identified in the Phase I Study Area.

Drinking Water Wells

There are no potable water wells on the Phase I ESA Property, nor are they expected to be present as the subject land is situated in a municipally serviced area.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of residential and institutional land uses. Land use is shown on Drawing PE5409-2 - Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, two (2) off-site PCAs and the resultant APECs are summarized in Table 1, along with their respective locations and contaminants of potential concern (CPCs).

Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1: Resulting from the former presence of a UST and current presence of an AST on the adjacent south property	Southeastern corner of the Phase I ESA Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-site	BTEX PHCs (F_1-F_4)	Soil and Groundwater

Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1: Resulting from the former spill associated with the former UST on the adjacent south property	Southeastern corner of the Phase I ESA Property	PCA Other – Diesel Spill	Off-site	BTEX PHCs (F_1-F_4)	Soil and Groundwater
APEC 2: Resulting from the presence of a railway track along the eastern property boundary	Eastern side of the Phase I ESA Property	PCA 46 – Rail Yards, Tracks and Spurs	Off-site	BTEX PHCs (F_1-F_4) PAHs	Soil and Groundwater

Contaminants of Potential Concern

As per Section 7.1, the contaminants of potential concern (CPCs) in soil and/or groundwater include benzene, toluene, ethylbenzene, and xylenes (BTEX), petroleum hydrocarbons (PHCs, F1-F4), and polycyclic aromatic hydrocarbons (PAHs).

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of the Phase I-ESA is considered to be sufficient to conclude that there are off-site PCAs that have resulted in APECs on the Phase I ESA Property.

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

8.0 CONCLUSIONS

Assessment

Paterson Group was retained by Schlegel Villages to conduct a Phase I Environmental Site Assessment (ESA) for the northern part of 1919 Riverside Drive, in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I ESA Property was initially developed with a residence/farmstead prior to 1928 and redeveloped between 1965 and 1976 with the existing asphaltic concrete paved parking lot associated with the Ottawa Hospital. No potentially contaminating activities (PCAs) were identified on the Phase I ESA Property.

Historical research indicates that surrounding land use to the west was a former landfill, approximately 85 m downgradient from the Phase I ESA Property. Based on the location relative to the subject land including the Transit Way cut between the former landfill and subject land, this former landfill is not considered to represent an area of potential environmental concern (APEC). A railway was noted immediately east of the subject land and as such, it is considered to represent an APEC on the Phase I ESA Property. During the well records review, a former UST at 1967 Riverside Drive, approximately 36 m south was identified as part of a 2012 subsurface investigation. Based on the historical presence of the UST relative to the Phase I ESA Property, this historical PCA is considered to represent an APEC.

As part of this assessment, a representative with The Ottawa Hospital was interviewed as part of this assessment. According to the interviewee, the former UST was decommissioned in 2012 and replaced with an above ground storage tank (AST). A former underground diesel spill was also reported in 2002, followed by a clean-up that spanned over the course of 3 to 4 years. No reports were available for review at this time. The historical spill associated with the UST is considered to represent an APEC on the Phase I ESA Property as well as the current AST located 36 m south of the Phase I ESA Property.

Following the historical research, a site visit was conducted to assess the current use of the Phase I ESA Property and the Phase I ESA study area. The Phase I ESA Property is occupied by an asphaltic concrete paved parking lot associated with the Ottawa Hospital at 1967 Riverside Drive.

No potential environmental concerns were identified with the current use of the Phase I ESA Property. Neighbouring land use consisted primarily of residential and institutional. No new PCAs that would have resulting in APECs were identified in the Phase I – ESA study area.

Recommendations

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

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared under the supervision of a Qualified Person, 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 the Schlegel Villages. Permission and notification from Schlegel Villages and Paterson will be required to release this report to any other party.

Paterson Group Inc.

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

Mark S. D'Arcy, P.Eng.

Report Distribution:

- Schlegel Villages (1 copy)
- Paterson Group (1 copy)

10.0 REFERENCES

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

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

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

Local Information Sources
Chain of Title obtained through Read Abstracts Limited, February 2014.
Current Plan of Survey, prepared by Webster & Simmonds Surveying Ltd. (2004)
Personal Interviews.
Previous Engineering Reports

Public Information Sources
Google Earth.
Google Maps/Street View.

Private Information Sources
ERIS Report.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5409-1 – SITE PLAN

DRAWING PE5409-2 – SURROUNDING LAND USE PLAN

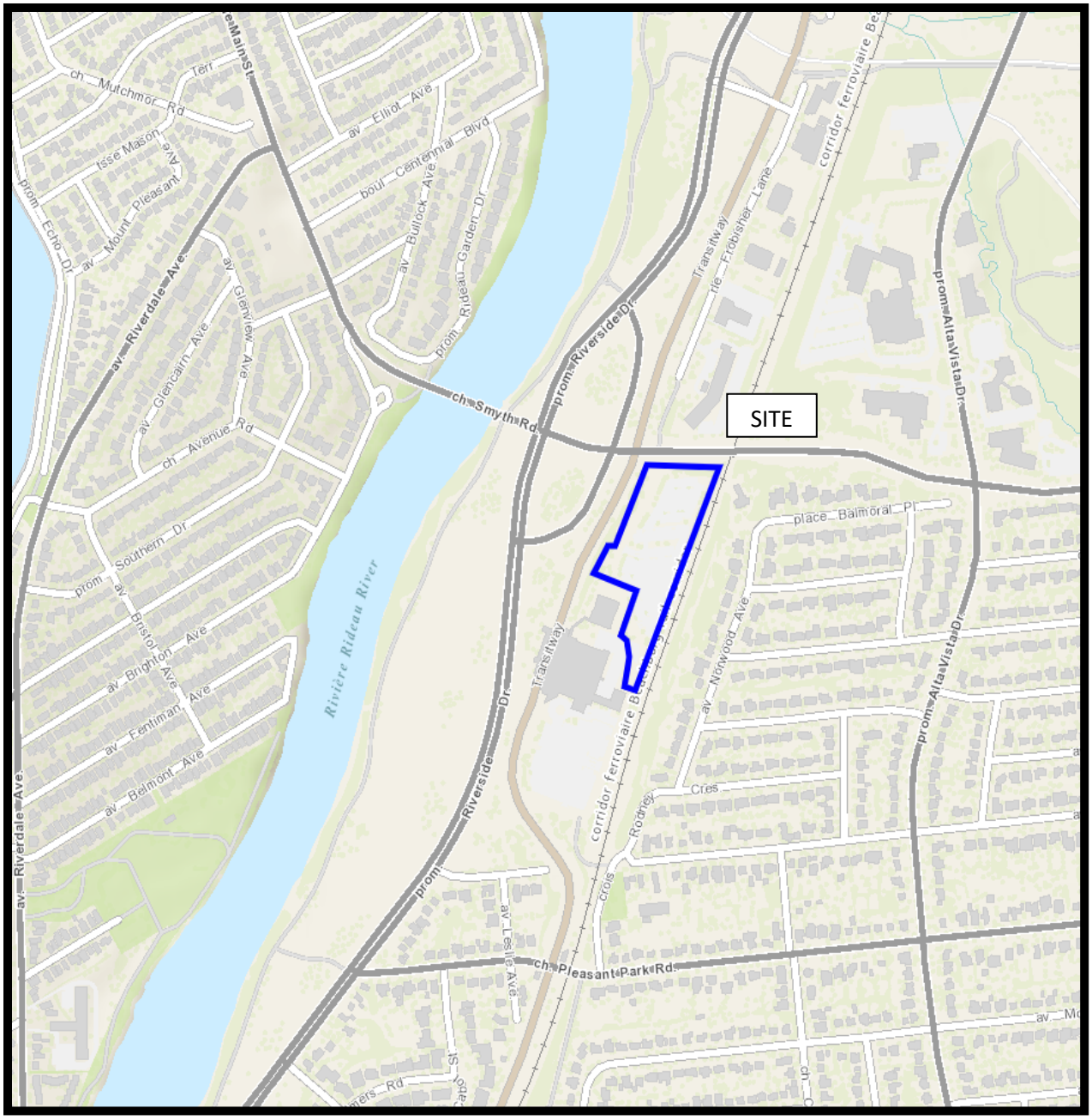


FIGURE 1

KEY PLAN

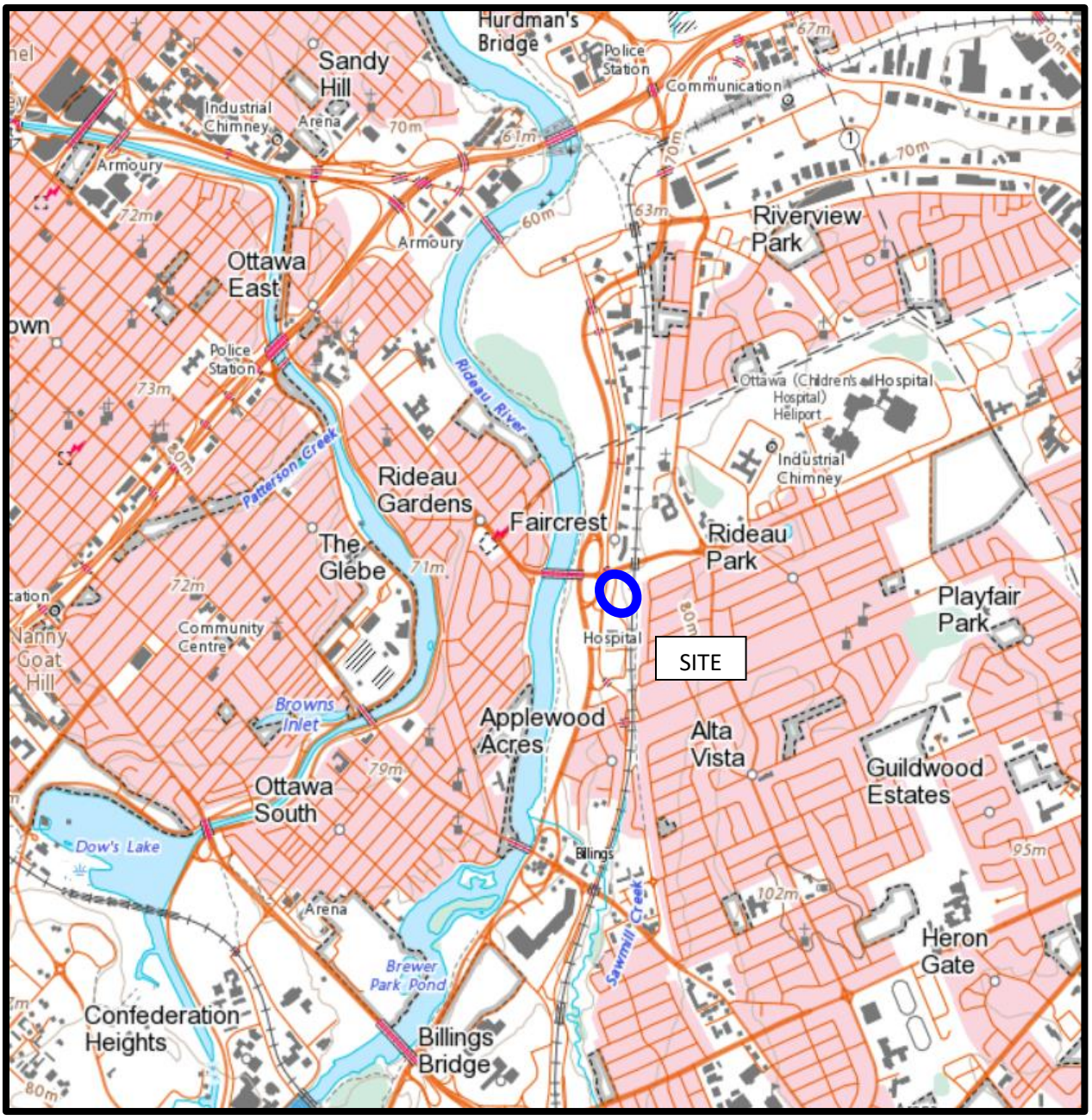


FIGURE 2

TOPOGRAPHIC MAP

TRANSITWAY

1967 RIVERSIDE DRIVE
INSTITUTIONAL
(OTTAWA HOSPITAL)

1919 RIVERSIDE DRIVE
INSTITUTIONAL
(LIFE LABS)

MW3

ACCESS PATH

SMYTH ROAD

PART OF 1919 RIVERSIDE DRIVE

1833 FROBISHER LANE
RESIDENTIAL

ABOVEGROUND
STORAGE TANK

FORMER
UNDERGROUND
STORAGE TANK

ASPHALTIC CONCRETE
PARKING LOT

ASPHALTIC CONCRETE
PARKING LOT

ROW OF JERSEY BARRIERS

APEC 1

APEC 2

RAILWAY LINE

1922-1882NORWOOD AVENUE
RESIDENTIAL

133 BALMORAL PLACE
RESIDENTIAL

LEGEND:

MONITORING WELL
(DRILLED BY OTHERS, 2012)

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:

1) RESULTING FROM THE PRESENCE OF A FORMER UNDERGROUND STORAGE TANK, THE PRESENCE OF AN ABOVEGROUND STORAGE TANK AND FORMER SPILL (PCA 28, OTHER)
2) RESULTING FROM THE PRESENCE OF A RAILWAY TRACK (PCA 46)

SCALE: 1:1000

0 10 20 30 40 50m 75m

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

SCHLEGEL VILLAGES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
PART OF 1919 RIVERSIDE DRIVE

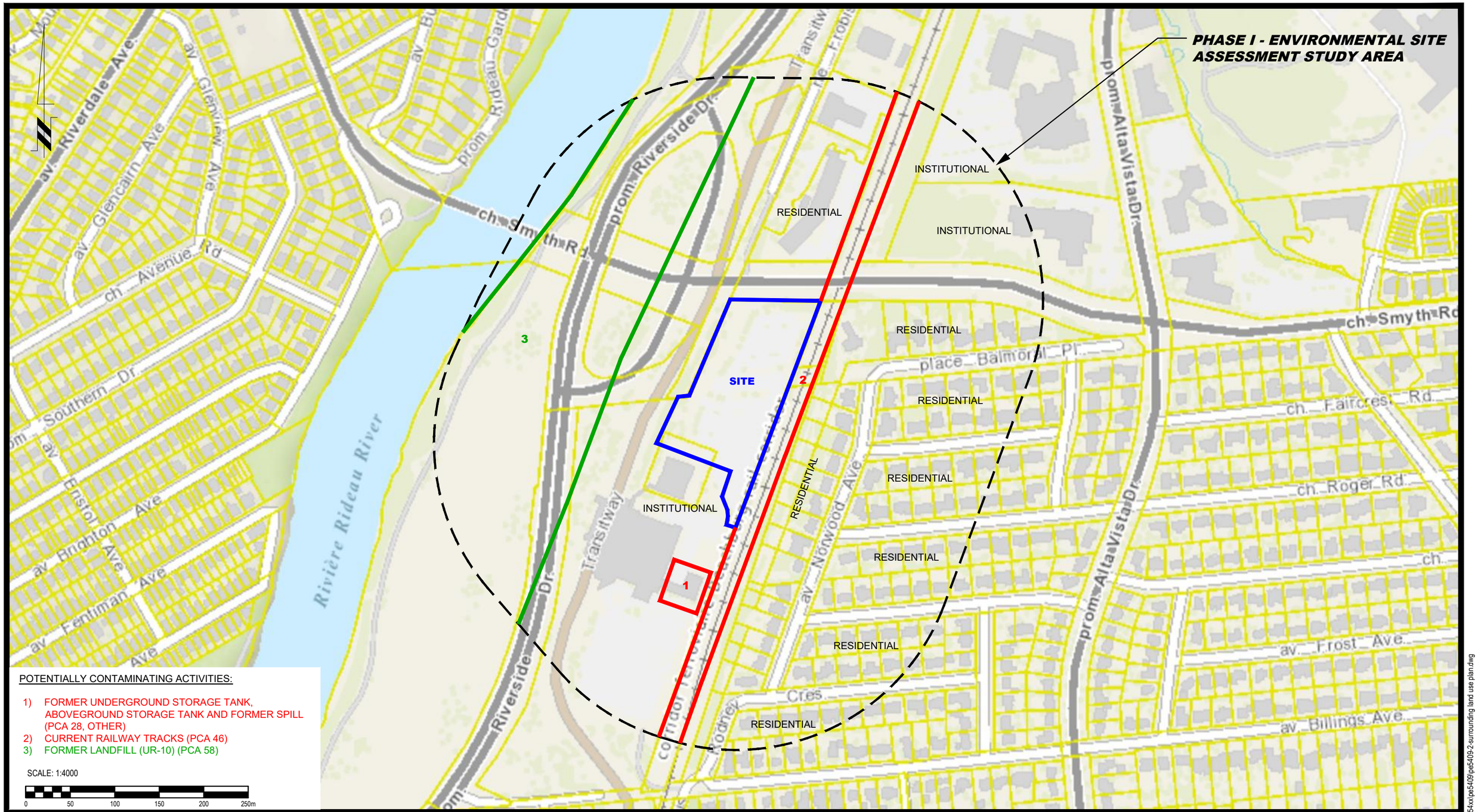
OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:1000	Date: 10/2021
Drawn by: YA	Report No.: PE5409-1
Checked by: MW	Dwg. No.: PE5409-1
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe64xx\pe5409\pe5409-1-site plan.dwg



POTENTIALLY CONTAMINATING ACTIVITIES:

1) FORMER UNDERGROUND STORAGE TANK, ABOVEGROUND STORAGE TANK AND FORMER SPILL (PCA 28, OTHER)
2) CURRENT RAILWAY TRACKS (PCA 46)
3) FORMER LANDFILL (UR-10) (PCA 58)

SCALE: 1:4000

0 50 100 150 200 250m

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

SCHLEGEL VILLAGES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
PART OF 1919 RIVERSIDE DRIVE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

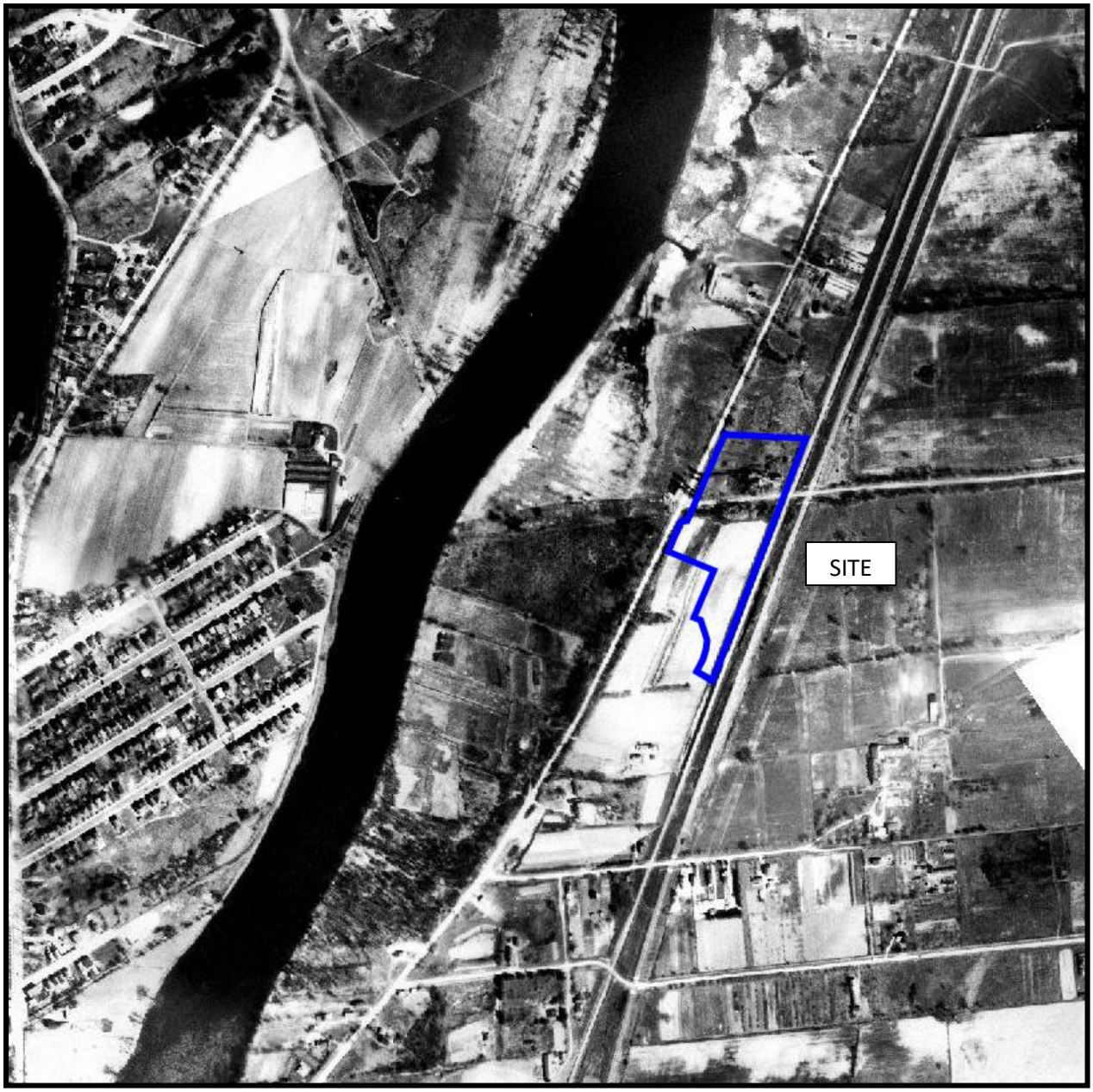
Scale: 1:4000	Date: 10/2021
Drawn by: YA	Report No.: PE5409-1
Checked by: MW	Dwg. No.: PE5409-2
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe54xx\pe5409\pe5409-2-surrounding land use plan.dwg

APPENDIX 1

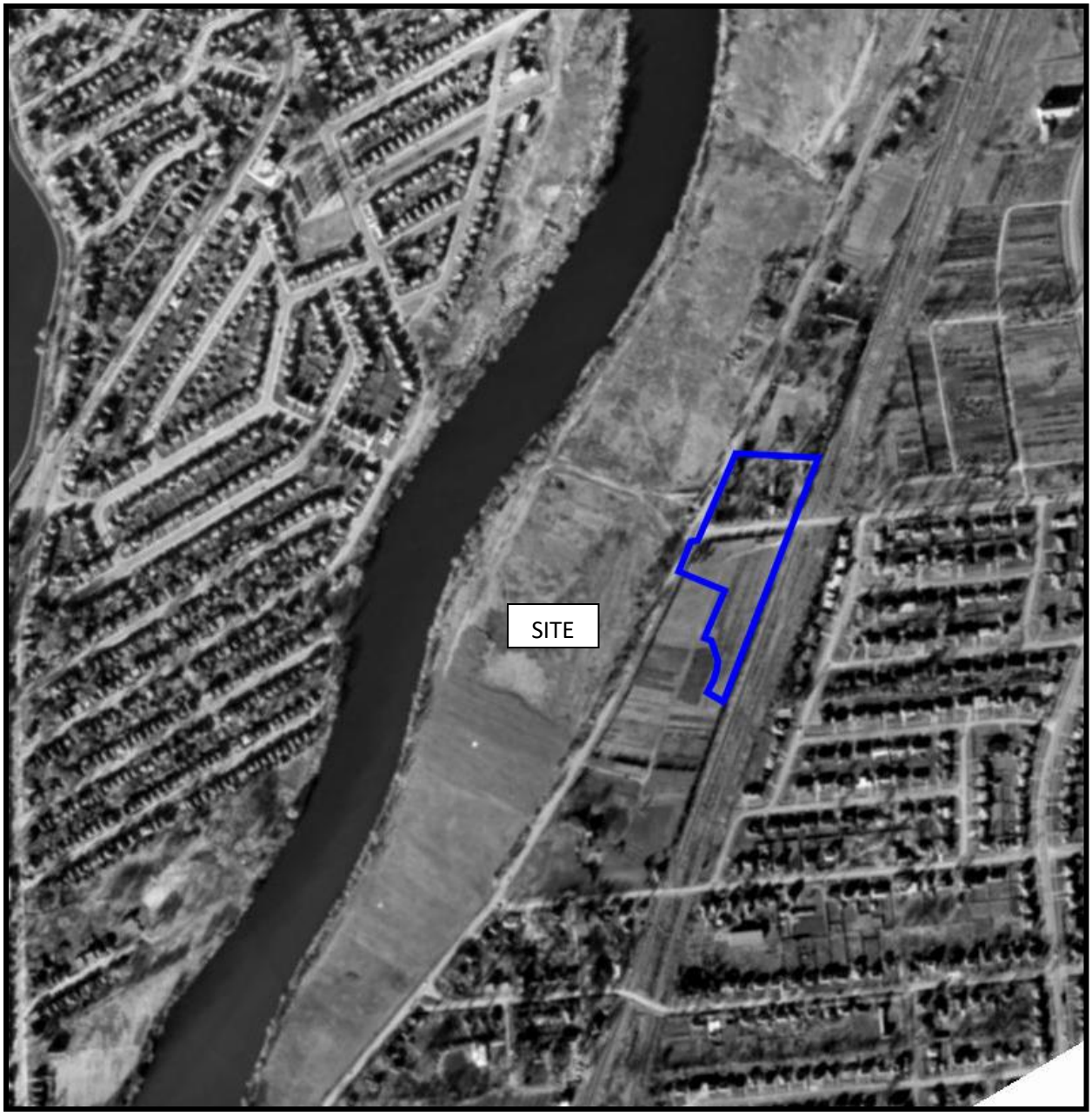
AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

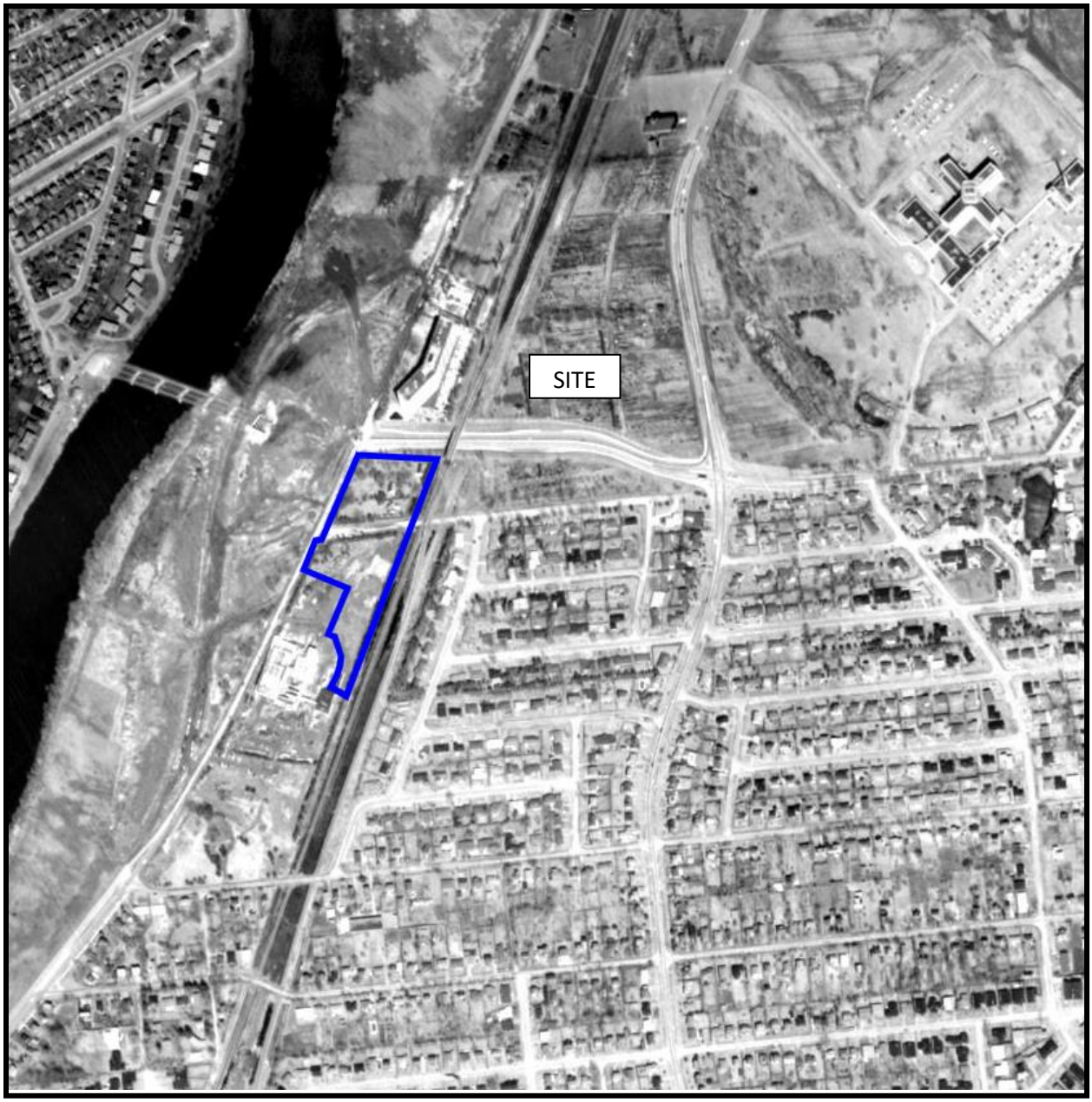


AERIAL PHOTOGRAPH
1928

patersongroup



AERIAL PHOTOGRAPH
1958

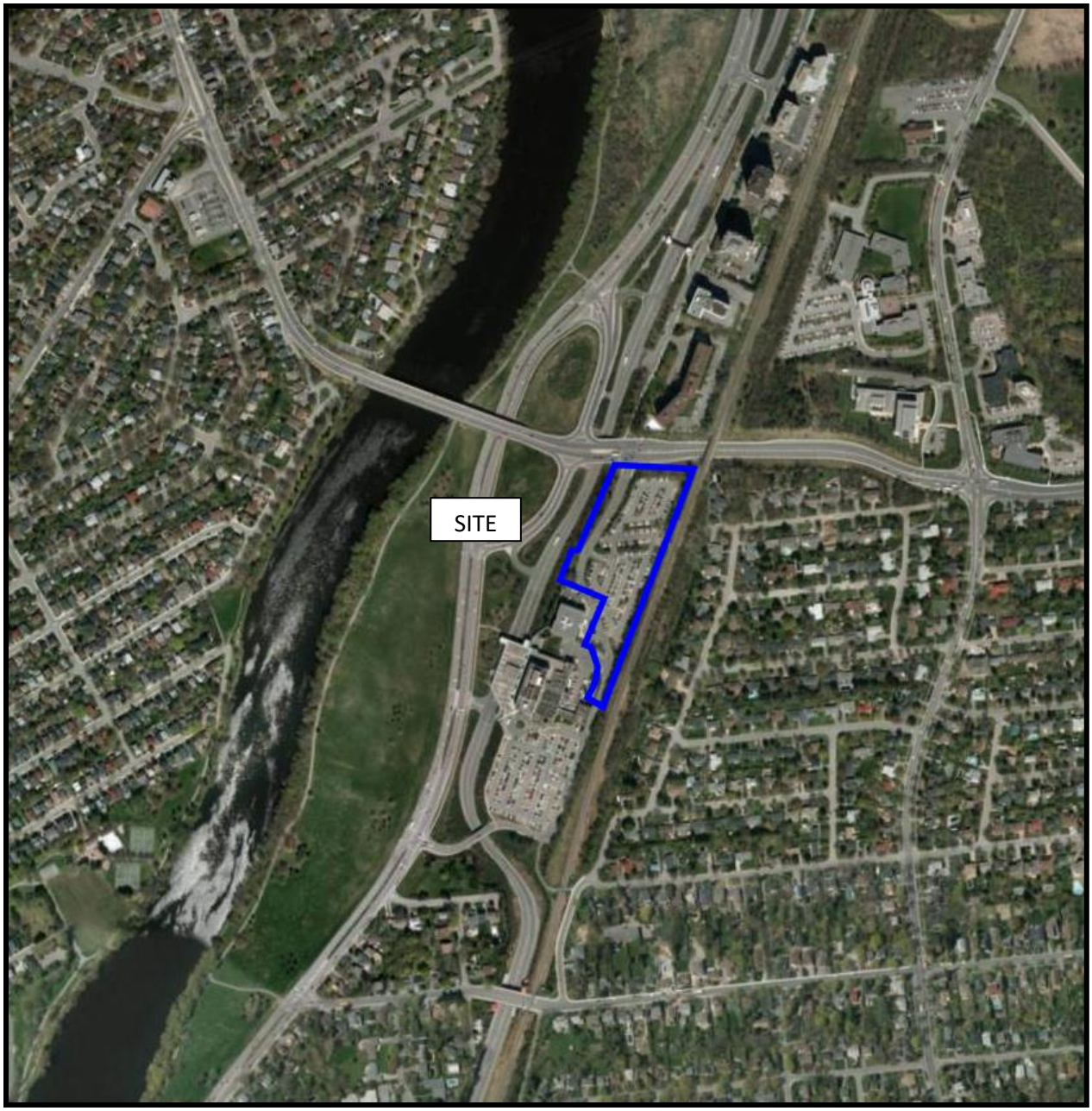


AERIAL PHOTOGRAPH
1965

AERIAL PHOTOGRAPH
1976

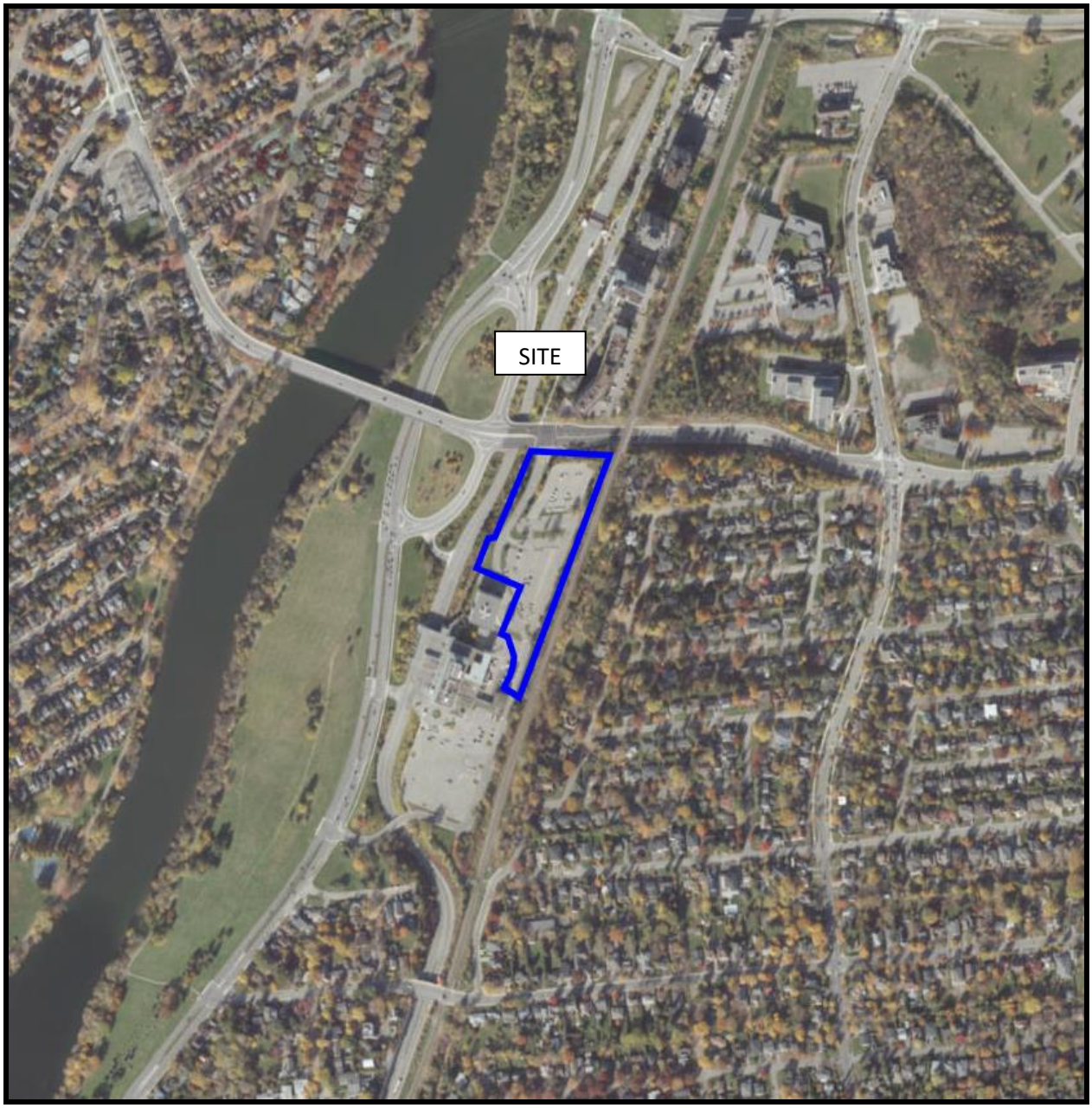
AERIAL PHOTOGRAPH
1991

AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011

patersongroup



AERIAL PHOTOGRAPH
2019

patersongroup

Site Photographs

PE5409 Part of 1919 Riverside Drive, Ottawa ON October 14, 2021

Photograph 1: View of the northern half of the Phase I ESA Property, looking northeast.

Photograph 2: View of the southern half of the Phase I ESA Property, looking southeast.

APPENDIX 2

MECP FREEDOM OF INFORMATION RESPONSE

MECP WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS REPORT

Mandy Witteman

From: noreply@ontario.ca
Sent: August 18, 2021 12:40 PM
To: Mandy Witteman
Subject: FOI eRequest – witteman - 20210818123900008
Attachments: 012-2146.pdf

Thank you for submitting your Freedom of Information Request for Property Information under the *Freedom of Information and Protection of Privacy Act* (FIPPA).

Your request form and application fee were submitted on August 18, 2021 at 12:39 PM.

Please make a note that the submission ID for this application is: 20210818123900008. A copy of your request form is attached for your reference. The payment confirmation number can be found on the last page of the attachment.

A representative from Ministry of the Environment, Conservation and Parks may contact you during the request process with additional information.

Alternatively, you may contact the Access and Privacy Office at 416-314-4075 for further information.

139

UTM | 18 Z | 4141219|9|0 E
| 5 R | 5|0|2|1|6|9|5|1|0 N
Elev. | 4 R | 0|2|1|6|1|0 |
Basin | 2|5 | | | |

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

15 No. 8057

RECEIVED
AUG - 8 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

[redacted] City Township, Village, Town or City Ottawa
Town or City)
[redacted] [illegible] Ottawa
Date Completed 2-8-51 (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record

Casing diameter(s) 6"
Length(s) of casing(s) 14
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date
Static level 17
Pumping level 25
Pumping rate
Duration of test
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.)
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic
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

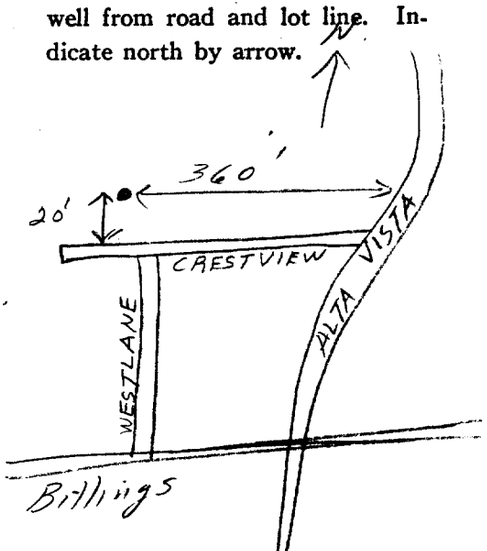
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
25	fresh	9
17		

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
clay	1	6
limestone	6	50

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?
Drilling Firm [illegible]
Address [illegible]
Name of Driller [illegible] Address [illegible]
Date Licence Number

Signature of Licensee

FORM 5

CSS.88

CRESTVIEW Ave.

Ontario Ministry of the Environment

Well Tag Number: A 019066

A 019066

Well Record

Regulation 903 Ontario Water Resources Act

page 1 of 1

Instructions for Completing Form

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

Ministry Use Only

MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

OTTAWA | GLOUCESTER | PART OF 1 | 4

RR#/Street Number/Name: 1960 RIVERSIDE DRIVE

City/Town/Village: OTTAWA

Site/Compartment/Block/Tract etc.:

GPS Reading: NAD 83 | Zone 18 | Easting 447513 | Northing 5027466

Unit Make/Model: GARMIN

Mode of Operation: ☒ Undifferentiated ☐ Averaged ☐ Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Depth To (Metres)
BROWN	SAND	SILT	LOOSE, WOOD FRAGMENTS	0	4.1
BROWN	SILT	SAND	LOOSE	4.1	5.5

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	5.5	20

Water Record

Water found at ___ Metres / Kind of Water

___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

___ m ☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

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

Chlorinated ☐ Yes ☐ No

Construction Record

Casing

Inside diam (centimetres)	Material	Wall thickness (centimetres)	Depth From	Depth To (Metres)
5.2	☐ Steel ☐ Fibreglass ☒ Plastic ☐ Concrete ☐ Galvanized	0.4	0	1.1
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			

Screen

Outside diam	Material	Slot No.	Depth From	Depth To (Metres)
6.0	☐ Steel ☐ Fibreglass ☒ Plastic ☐ Concrete ☐ Galvanized	10	1.1	5.5

No Casing or Screen

☐ Open hole

Test of Well Yield

Pumping test method	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Pump intake set at - (metres)	Static Level			
Pumping rate - (litres/min)	1		1	
Duration of pumping ___hrs +___ min	2		2	
Final water level end of pumping ___metres	3		3	
Recommended pump type. ☐ Shallow ☐ Deep	4		4	
Recommended pump depth. ___metres	5		5	
Recommended pump rate. (litres/min)	10		10	
If flowing give rate - (litres/min)	15		15	
If pumping discontinued, give reason.	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	

Plugging and Sealing Record ☒ Annular space ☐ Abandonment

Depth set at - Metres From	To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
0	0.8	BENTONITE CHIPS	0.023 m³

Method of Construction

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

Water Use

☐ Domestic ☐ Industrial ☐ Public Supply ☐ Other
☐ Stock ☐ Commercial ☒ Not used
☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☐ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)
☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering
☒ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Well Contractor/Technician Information

Name of Well Contractor: OGS DRILLING INC. | Well Contractor's Licence No.: 6964

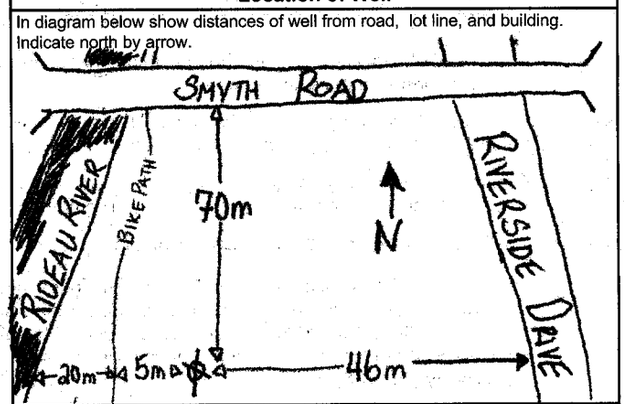
Business Address (street name, number, city etc.): 5518 APPLETON SIDE RD., ALMONTE, ON K0A 1A0

Name of Well Technician (last name, first name): WARNER, TERRY | Well Technician's Licence No.: 32361

Signature of Technician/Contractor: X | Date Submitted YYYY MM DD: 2006 08 30

Location of Well

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



Audit No.: Z 45864 | Date Well Completed YYYY MM DD: 2006 08 30

Was the well owner's information package delivered? ☐ Yes ☒ No | Date Delivered YYYY MM DD: 2006 09 25

Ministry Use Only

Data Source | Contractor: 6964

Date Received YYYY MM DD: SEP 07 2006 | Date of Inspection YYYY MM DD

Remarks | Well Record Number

0506E (09/03) Contractor's Copy ☐ Ministry's Copy ☒ Well Owner's Copy ☐

Cette formule est disponible en français

Ontario Ministry of the Environment

Well Tag No. for Master Well *(Place Sticker and/or Print Below)*
A 074603 A074603

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

[redacted]

1967 Riverside Drive

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

UTM Coordinates NAD 83 | Zone 18 | Easting 447105 | Northing 5027187 | GPS Unit Make: Garmin | Model: Etrex | Mode of Operation: ☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	To
Grey	Fill	sand, gravel	trace silt	0	0.7
Brown	Fill	Sand, gravel,	shale frags. becomes moist	0.7	3.8

Hole Details

Depth (Metres) From	To	Diameter (Centimetres)
0	3.86	20

Water Use

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

Method of Construction

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

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres) From	To
5.2	PVC	Sched 40	0	1.5

No Casing and Screen Used

Open Hole ☐ Yes ☑ No

Static Water Level Test

2.10 Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

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

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0.3	1.3	Bentonite	30 kgs

Water Details

Water found at Depth ___ Metres ☐ Gas | Kind of Water ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Water found at Depth ___ Metres ☐ Gas | Kind of Water ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals
Water found at Depth ___ Metres ☐ Gas | Kind of Water ☐ Fresh ☐ Salty ☐ Sulphur ☐ Minerals

Disinfected ☐ Yes ☑ No If no, provide reason: Monitoring wells

Date Master Well Completed (yyyy/mm/dd): 2009/01/29

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

Total Wells in Cluster: 3
Please indicate Number of Cluster Well Information Log Sheets Submitted: 1
Total Wells on this Property: unknown

Location of Well Cluster

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

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

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

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: Grenville Sur La Rouge
Province: QC | Postal Code: J0V 1B0 | Business E-mail Address: downing@hawk.igs.net
Bus. Telephone No. (inc. area code): 8192426469 | Name of Well Technician (Last Name, First Name): Downing, Bruce
Well Technician's Licence No.: 2173 | Signature of Technician | Date Submitted (yyyy/mm/dd): 2009/03/25

M 04544

Date Received (yyyy/mm/dd): MAR 30 2009 | Date of Inspection (yyyy/mm/dd)

Remarks

1992 (11/2006)

Ministry's Copy

Ontario Ministry of the Environment

Well Tag No. for Master Well (Print Well Tag No.)
A 074603 A074603

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

[redacted]

Address of Well Location (Street Number/Name, RR)	Lot	Concession	Township	County/District/Municipality
1967 Riverside Drive				

City/Town/Village	Province	Postal Code	GPS Unit Make	Model	Unit Mode of Operation	Signature of Technician/Contractor	Date (yyyy/mm/dd)
Ottawa	Ontario		Garmin	Etrex	☐ Undifferentiated ☐ Averaged ☐ Differentiated, specify:		2009/03/05

Well # on Sketch	UTM Coordinates Zone	Easting	Northing	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres) From	To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
MW #1	18	447669	5027181	2.10	20	HSA	PVC	1.0	1.0	2.1	Bentonite				2009/01/30
MW #3	18	447709	5027183	3.6	"	"	"	1.5	1.5	3.6	"				2009/01/30

Well Contractor and Well Technician Information

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

Postal Code	Business Telephone No. (inc. area code)	Well Contractor's Licence No.	Business E-mail Address
J0V1B0	8199242446	1844	dowling@hawk.igs.net

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Date Submitted (yyyy/mm/dd)	Signature of Technician
Bruce Downing	2173	2009/03/05	

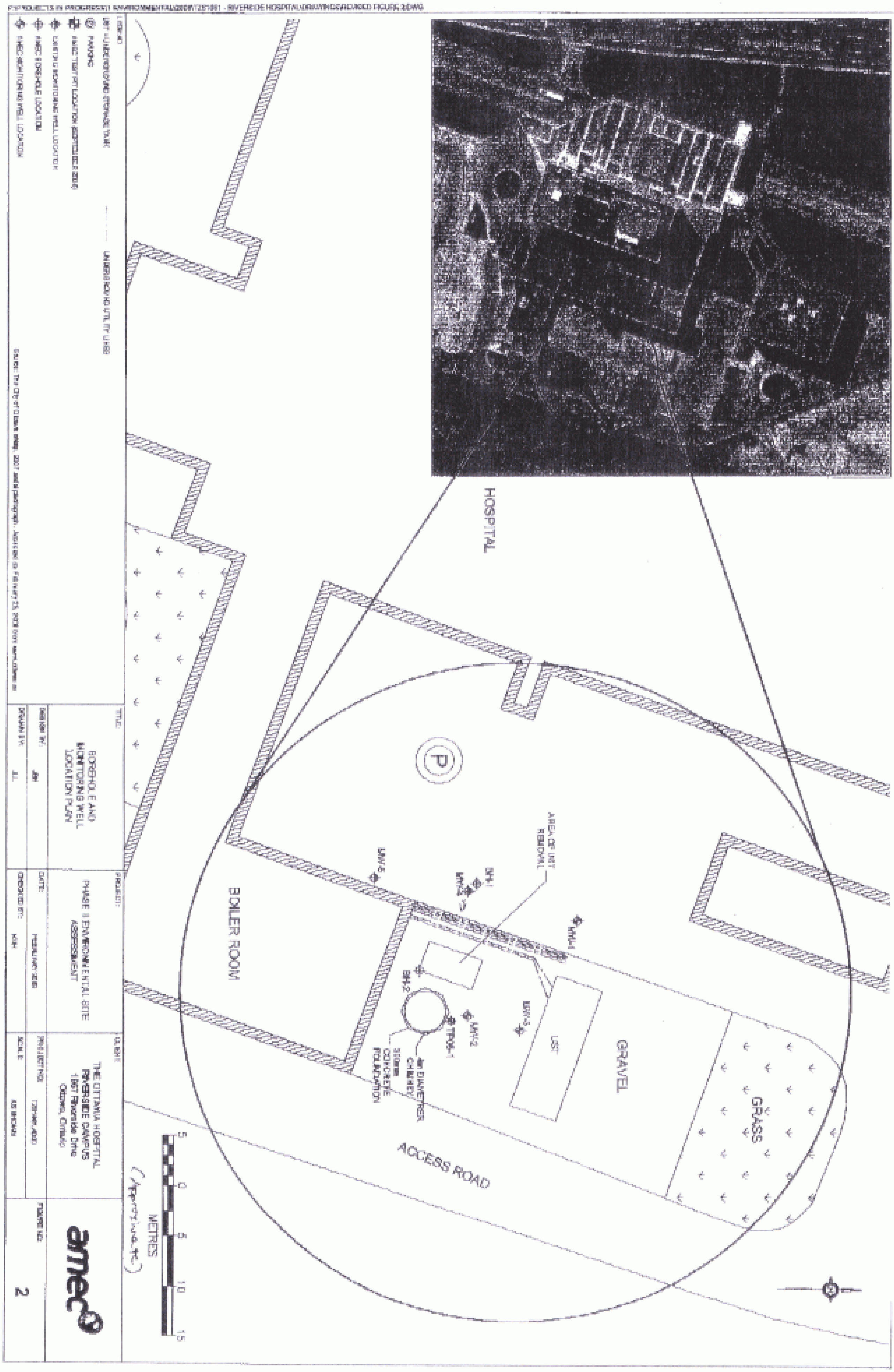
Date 1st Well in Cluster Constructed (yyyy/mm/dd)	Date Last Well in Cluster Constructed (yyyy/mm/dd)
2009/01/30	2009/01/30

Ministry Use Only

Date Received (yyyy/mm/dd)	Date Inspected (yyyy/mm/dd)
MAR 30 2009	
Audit No. c 05149	Remarks m04544

1991 (11/2006)

Ministry's Copy



C-1844 M04544 C05149

MW16P10-11

Ontario Ministry of the Environment

A 097225 A097225

Well Record

Regulation 903 Ontario Water Resources Act

7641 Page 4 of 5

Measurements recorded in: ☑ Metric ☐ Imperial

Well Owner's Information

First Name: City of Ottawa | Last Name: [redacted] | E-mail Address: | ☐ Well Constructed by Well Owner

Mailing Address (Street Number/Name): Laurier Ave W. | Municipality: Ottawa | Province: ON | Postal Code: K1P1J1 | Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): old Riverside & Smyth | Township: | Lot: | Concession:

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

UTM Coordinates: NAD 83 | Zone: 18 | Easting: 447701 | Northing: 5027389 | 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	Sand		Soft dry	0	3.66
Brn	Sand	Silt/clay	Soft, wet	3.66	4.57

Annular Space

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

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	PVC	.390	0	3.1

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
6.03	PVC	10	3.1	4.57

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	4.57	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See map

MW/GP10-11

Comments:

Well Contractor and Well Technician Information

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

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

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

Bus. Telephone No. (inc. area code): (905) 764-9804 | Name of Well Technician (Last Name, First Name): Mutt, Mike

Well Technician's Licence No.: 3448 | Signature of Technician and/or Contractor: Mike Mutt | Date Submitted: 2010 08 25

Well owner's information package delivered ☐ Yes ☐ No

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

Date Work Completed: 2010 07 26

Ministry Use Only

Audit No. z111687

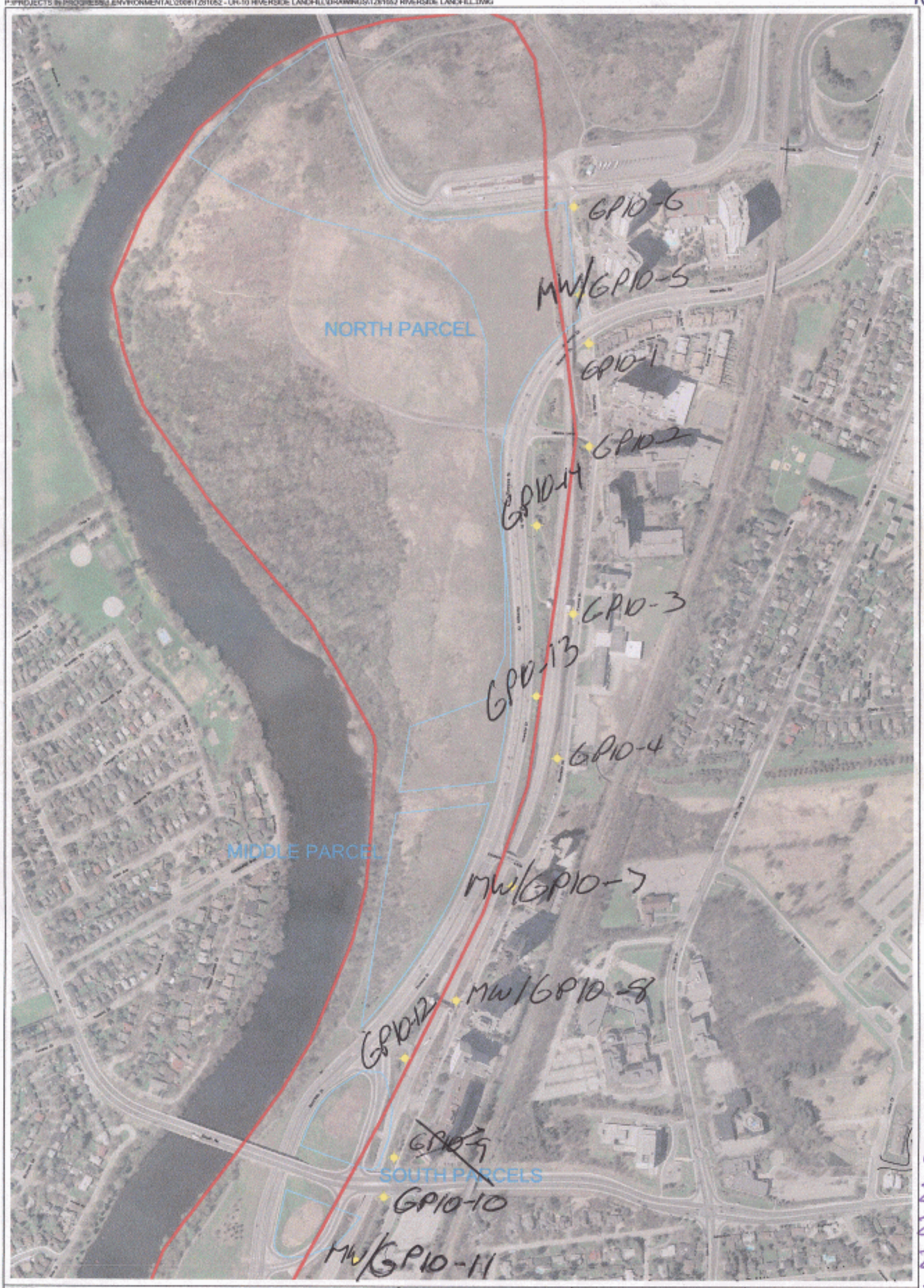
Received AUG 25 2010

0506E (2007/12) © Queen's Printer for Ontario, 2007

Ministry's Copy

BB, 1796

P:\PROJECTS IN PROGRESS\ENVIRONMENTAL\2008\T2081052 - UR-10 RIVERSIDE LANDFILL\DRAWINGS\T2081052 RIVERSIDE LANDFILL.DWG



LEGEND
- OLMS LANDFILL FOOTPRINT
- STUDY LANDS
- PROPOSED DRILLING LOCATION

AUG 25 2010

50 0 50 100 150
METRES

TITLE: PROPOSED BOREHOLE LOCATIONS	PROJECT: ADDITIONAL INVESTIGATIONS RIVERSIDE LANDFILL (Ur-10)	amec	
		DRAWN BY: RSI	
CLIENT: Ottawa	PROJECT NO: TZ9105201	CHECKED BY: KDH	
	SCALE: 1: 5,000	FIGURE NO: 1	
	DATE: APRIL 2010		

C-7241
2111685
2111686
2111688
2111687

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A123758 **Tag#: A123758**

Well Record

Regulation 903 Ontario Water Resources Act

9409 Page 1 of 3

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Geniver-	[redacted]		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
1345 Rosemount Ave.	Cornwall	ON	K6J 3E5	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1967 Riverside Dr.			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447709	5027186		

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
GRY	gravel fill		loose	0	4.26

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	.31	Concrete/monument	
.31	1.22	bentonite	
1.22	4.26	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter *(cm/in)*	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness *(cm/in)*	Depth (m/ft) From	Depth (m/ft) To
4.03	PVC	.368	+1	1.22

Construction Record - Screen

Outside Diameter *(cm/in)*	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
4.82	PVC	10	1.22	4.26

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter *(cm/in)*
0	4.26	8.25

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping ____ hrs + ____ min

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

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

Recommended pump depth *(m/ft)*

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

Well production *(l/min / GPM)*

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map

MW1

Comments:

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
147-2 W, Beaver Creek	Richmond Hill	ON	L4B1C6	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Beatty, Bram	3616		2011/12/18

Well owner's information package delivered ☐ Yes ☐ No

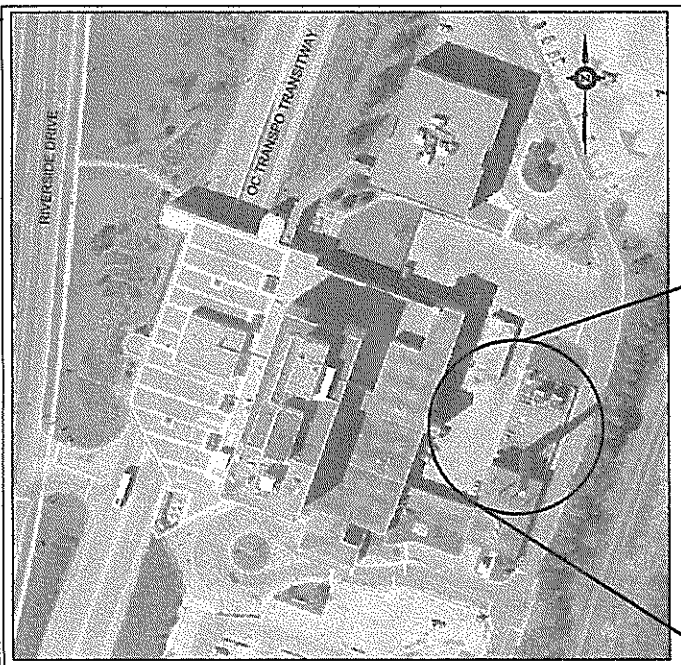
Date Package Delivered: YYYY MM DD

Date Work Completed: 2011/12/12

Ministry Use Only

Audit No. Z138899

Received FEB 17 2012



P:\PROJECTS IN PROGRESS\1 ENVIRONMENTAL\2008\TZ81061.01 - RIVERSIDE HOSPITAL UST\FIGURE\TZ81061.01 FIGURE 2.DWG

LEGEND

- UST = UNDERGROUND STORAGE TANK
- PARKING
- AMEC TEST PIT (SEPTEMBER 2008)
- EXISTING MONITORING WELL
- AMEC BOREHOLE (2008)
- AMEC MONITORING WELL (2008)
- PROPOSED BOREHOLE LOCATION
- PROPOSED MONITORING WELL LOCATION
- UNDERGROUND UTILITY LINES

Source: The City of Ottawa eMap, 2007 aerial photograph. Accessed on February 25, 2009 from www.ottawa.ca

TITLE: BOREHOLE AND MONITORING WELL LOCATION PLAN	PROJECT: LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT	CLIENT: THE OTTAWA HOSPITAL RIVERSIDE CAMPUS 1967 Riverside Drive Ottawa, Ontario	amec
DESIGN BY: BSI	DATE: DECEMBER 2011	PROJECT NO: TZ8106101	FIGURE NO: 2
DRAWN BY: BSI	CHECKED BY: KDH	SCALE: AS SHOWN	

Ontario — Ministry of the Environment

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. *(Place Sticker and/or Print Below)* A123743

Well Record

Regulation 903 Ontario Water Resources Act

9409 Page 2 of 3

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
Gennar [redacted]			

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
1343 Rosemount Ave.	Cornwall	ON	K6J3E5	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1967 Riverside Dr.			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447715	5027180		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (*m/ft*) From	Depth (*m/ft*) To
Grey	gravel fill		loose	0	4.26

Annular Space

Depth Set at (*m/ft*) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed (m^3/ft^3)
0	.31	concrete/flushmount	
.31	1.22	bentonite	
1.22	4.26	filter sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (*cm/in*)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (*cm/in*)	Depth (*m/ft*) From	To
4.03	PVC	.368	+1	1.22

Construction Record - Screen

Outside Diameter (*cm/in*)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (*m/ft*) From	To
4.82	PVC	10	1.22	9.26

Status of Well

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

Water Details

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

Hole Diameter

Depth (*m/ft*) From	To	Diameter (*cm/in*)
0	4.26	8.25

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (*m/ft*)

Pumping rate (*l/min / GPM*)

Duration of pumping ____ hrs + ____ min

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

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

Recommended pump depth (*m/ft*)

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

Well production (*l/min / GPM*)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See map MW2

Comments:

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
147-2 W. Beaver Creek	Richmondhill	ON	L4B1C6	wrecords@stratasoil.com

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Beatty Brian	3616		2011 12 18

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☐ No		2011 12 12

Ministry Use Only

Audit No. Z138898

Received FEB 17 2012

Ontario — Ministry of the Environment

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. (Place Sticker and/or Print Below)
Tag#: A125699 A125699

S-12425 **Well Record**
Regulation 903 Ontario Water Resources Act
Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	[ ] Well Constructed by Well Owner
The ottawa	Hospital [redacted]		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd	ottawa	ON	K1H8L6	[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	446576	5027284		

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	F. ll	Sand	Loose	0	.91
BRN	Sand			.91	5.18
GRY	Sand	Clay		5.18	6.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	.31	Concrete / Flushmount	
.31	2.74	Bonseal	
2.74	6.1	Sand	

Method of Construction

[ ] Cable Tool [ ] Diamond
[ ] Rotary (Conventional) [ ] Jetting
[ ] Rotary (Reverse) [ ] Driving
[ ] Boring [ ] Digging
[ ] Air percussion
[ ] Other, specify Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	3.1

Construction Record - Screen

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

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	6.1	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? [ ] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached MW 6

Comments:

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
147-2 West Beaver Creek Road	Richmond Hill	Ontario	L4B 1C6	wrecords@stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
905-764-9304	Beatty, Brian	3616		2012/04/13

Well owner's information package delivered: [ ] Yes [X] No

Date Package Delivered: ____

Date Work Completed: 2012/04/11

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Audit No. Z146464
Received MAY 18 2012

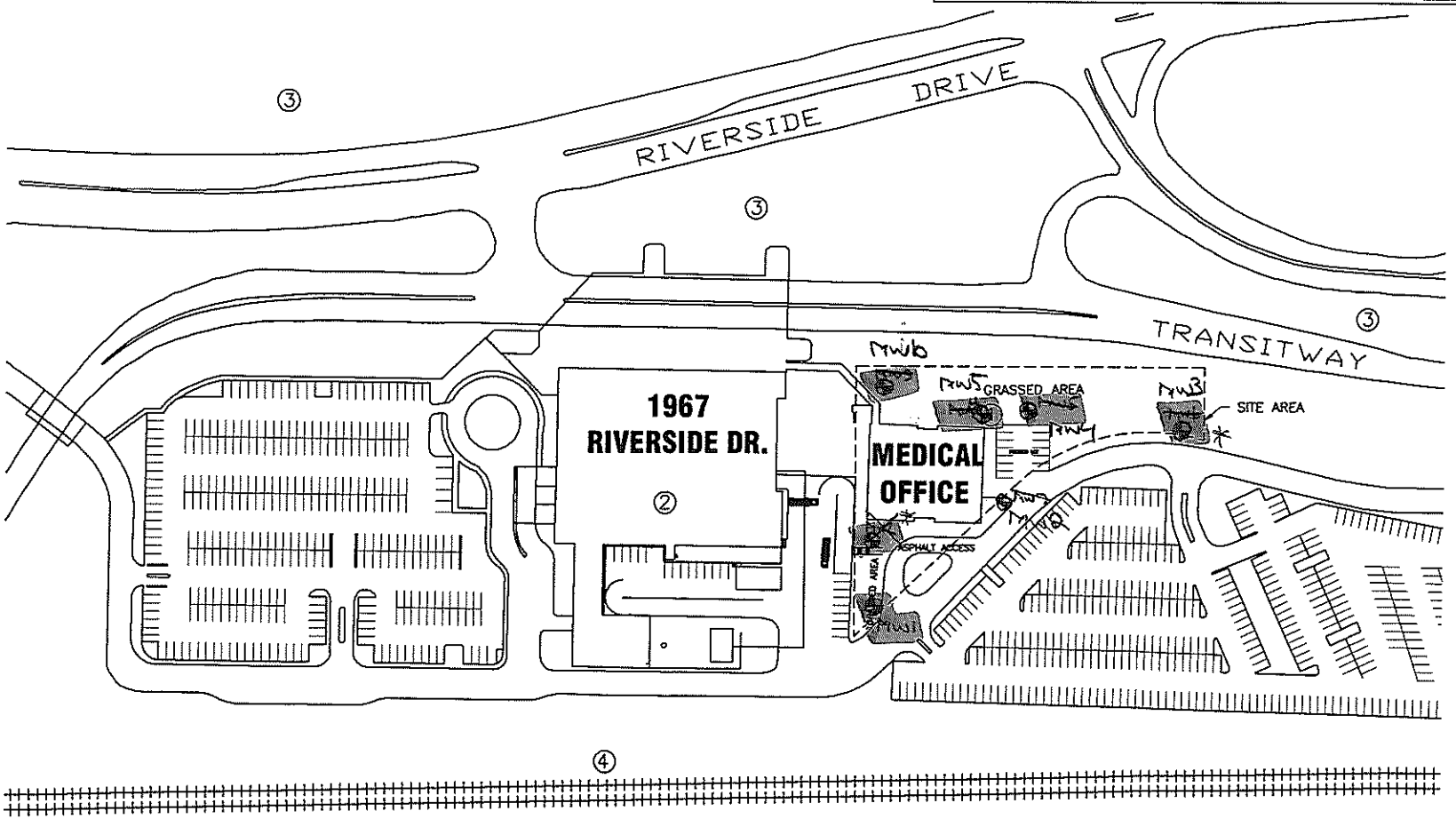
1761485 Civic main campus 14888

MAY 18 2012 2146464

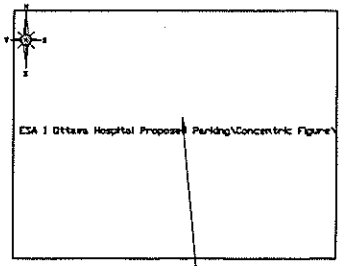
S- 12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.
APPROXIMATE LOCATION OF WORK

THE OTTAWA HOSPITAL
(Riverside Campus)

CONCENTRIC ASSOCIATES INTERNATIONAL INCORPORATED

LONDON Tel. 1-519-452-7700 Toll Free1-866-919-4531
OTTAWA Tel. 1-613-824-8900 Toll Free1-866-919-4530
IQALUIT Tel. 1-867-979-3300 Toll Free 1-866-919-4533
SASKATOON Tel. 1-306-343-5500 Toll Free 1-866-919-8899
REGINA Tel. 1-306-520-6100 Toll Free 1-866-919-1861

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www.concentriceng.com

CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPVD:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Ontario — Ministry of the Environment

Well Tag No. (Plate Number and/or Print Below) **Tag#: A125698** A125698

S-12425

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☒ Metric ☐ Imperial

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
The Ottawa	Hospital		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd	Ottawa	ON	K1H8L6	6137378418

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447665	5027305		

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	Fill	Sand	Loose	0	.61
BRN	Coarse Sand			.61	4.57

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete / Flushmount	
.31	1.22	Bntnite	
1.22	4.57	Sand	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☒ Other, specify Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	1.5

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
6.03	Plastic	10	1.5	4.57

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	4.57	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached

MW5

Comments:

Well Contractor and Well Technician Information

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

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

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

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

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3161		2012/04/13

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☐ Yes ☒ No		2011/04/11

Ministry Use Only

Audit No. Z146524

MAY 18 2012

Received

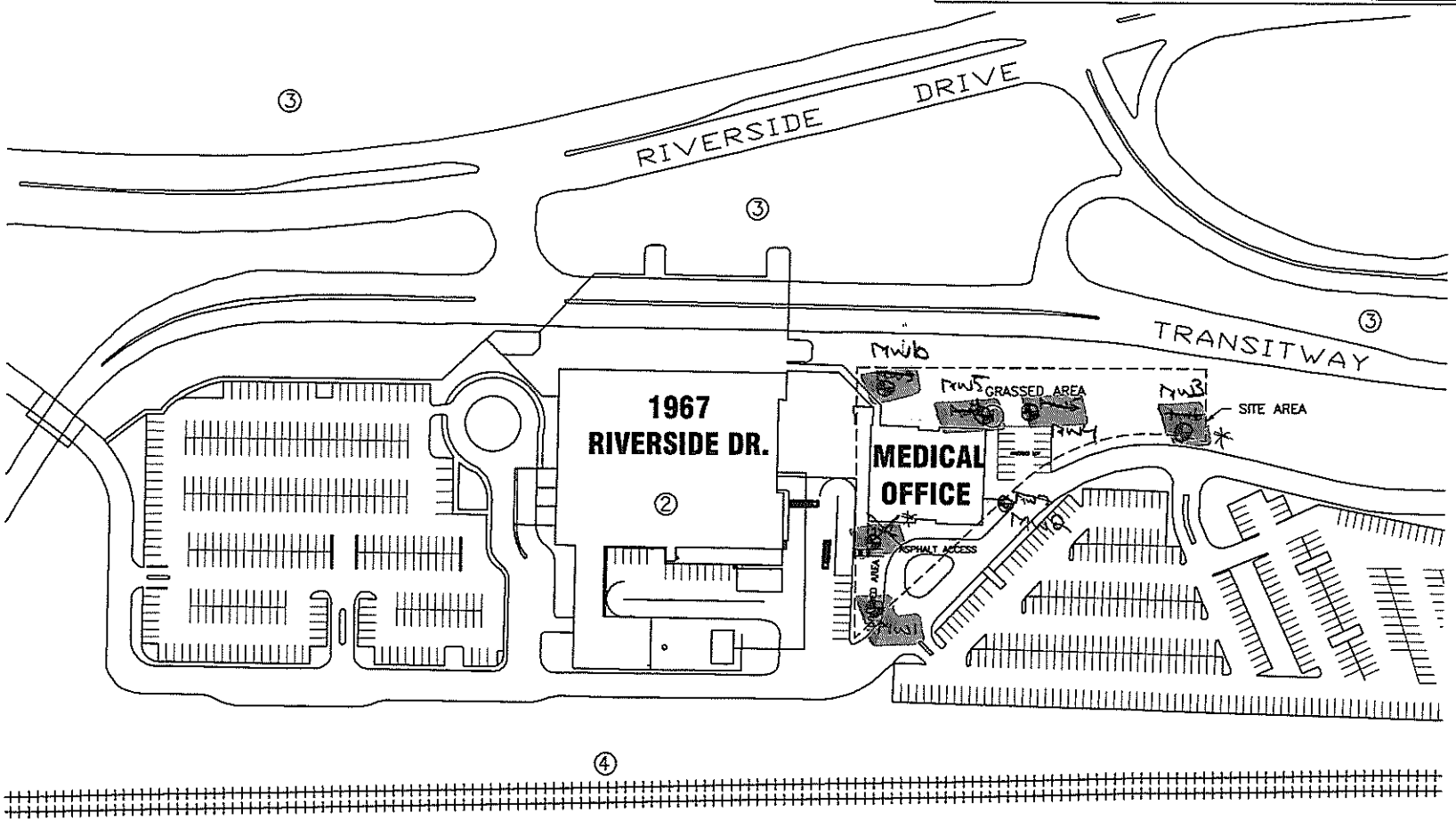
1762485 Civic main campus 14888

MAY 18 2012 Z 146524

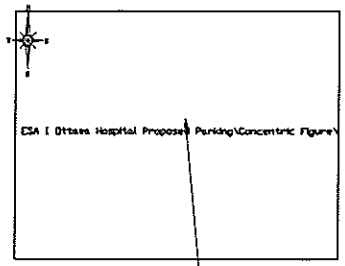
S- 12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.

APPROXIMATE LOCATION OF WORK

THE OTTAWA HOSPITAL
(Riverside Campus)

CONCENTRIC
ASSOCIATES INTERNATIONAL INCORPORATED

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REGINA
Tel. 1-306-520-6100
Toll Free 1-866-919-1861

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www.concentriceng.com

CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPVD:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Ontario — Ministry of the Environment

Well Tag No. (Please Print and/or Print Below) **Tag#: A125697** A125697

S-12425

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☒ Metric ☐ Imperia

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
The ottawa	Hospit [redacted]		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd	ottawa	ON	K1H8L6	[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447674	5027323		

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	Fill	Sand	Loose	0	.61
BRN	Sand			.61	4.88
GRY	Sand			4.88	6.1

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	.31	Concrete / Flushmount	
.31	2.74	Bensal	
2.74	6.1	Sand	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☒ Other, specify Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	3.1

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	Depth (m/ft) To
6.03	Plastic	10	3.1	6.1

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	6.1	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping _____ hrs + _____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached

MW 4

Comments:

Well Contractor and Well Technician Information

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

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

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

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

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3161		2012 04 18

Well owner's information package delivered ☐ Yes ☒ No

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

Date Work Completed: 2012 04 16

Ministry Use Only

Audit No. Z 146469

Received MAY 18 2012

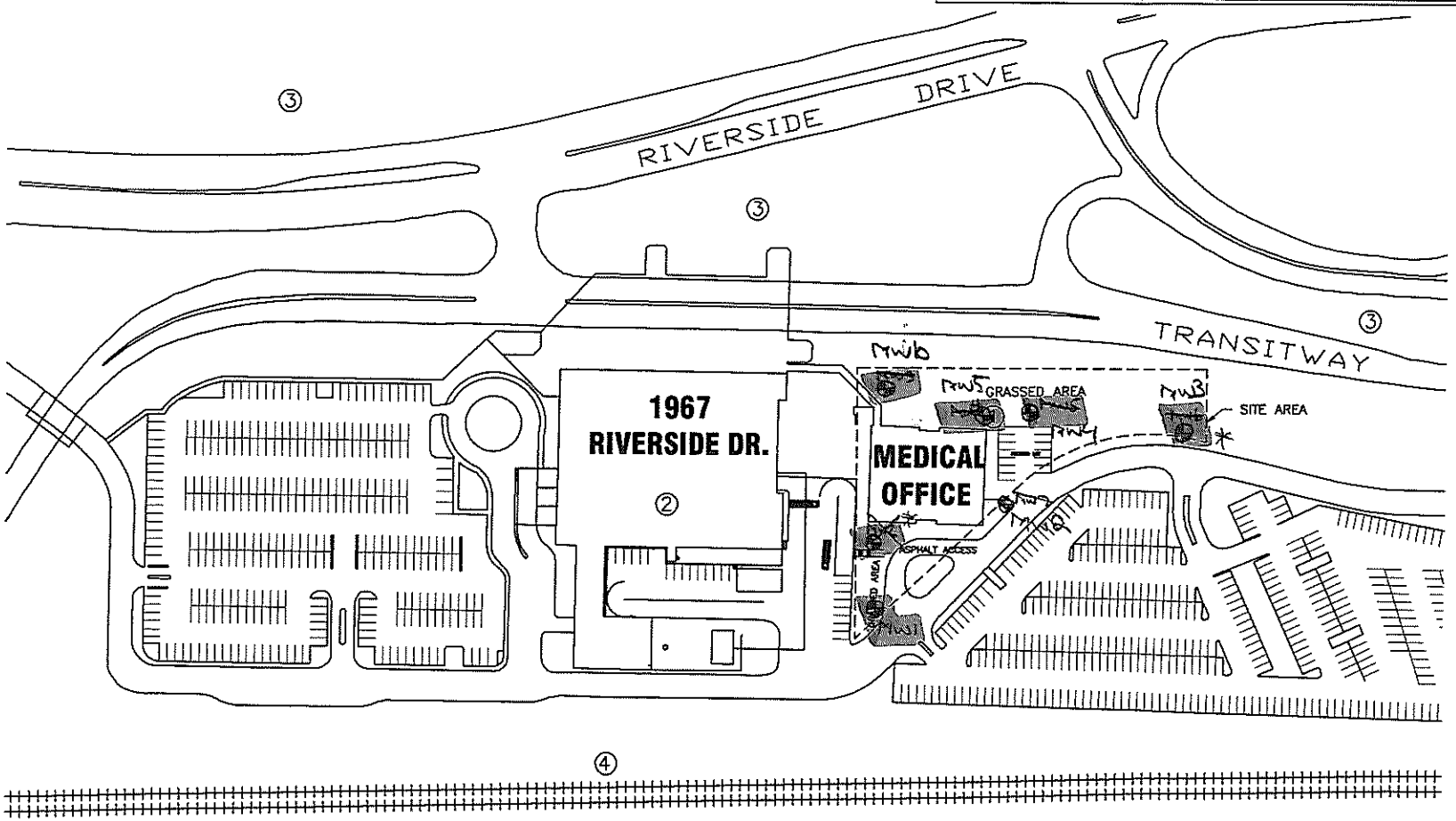
1-7624885 Civic main campus 14888

MAY 18 2012 C-1241 2146469

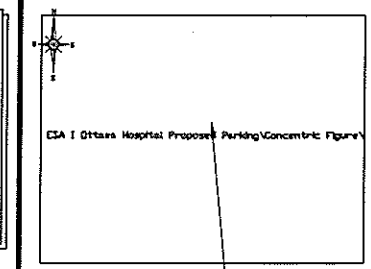
5-12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.

APPROXIMATE LOCATION OF WORK

THE OTTAWA HOSPITAL
(Riverside Campus)

CONCENTRIC ASSOCIATES INTERNATIONAL INCORPORATED

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Toll Free 1-866-919-1861

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CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPVD:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Ontario — Ministry of the Environment

Measurements recorded in: ☒ Metric ☐ Imperial

Well Tag No. (Place Sticker and/or Print Below) **Tag#: A125721** A125721

S-12425 **Well Record**

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
The Ottawa	Hospital [redacted]		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd	Ottawa	ON	K1H8L6	[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside Dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	449763	5027364		

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	Fill		Loose	0	.61
BRN	Sand			.61	3.96
GRY	Sand Silt			3.96	5.18

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete/Flushmount	
.31	1.83	Bensal	
1.83	5.18	Sand	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☒ Other, specify Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	2.13

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	Depth (m/ft) To
6.03	Plastic	10	2.13	5.18

Water Details

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	5.18	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping _____ hrs + _____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached

MW 3

Comments:

Well Contractor and Well Technician Information

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

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

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

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

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3161		2012/04/13

Well owner's information package delivered ☐ Yes ☒ No

Date Package Delivered

Date Work Completed 2012/04/11

Ministry Use Only

Audit No. Z146471

Received MAY 18 2012

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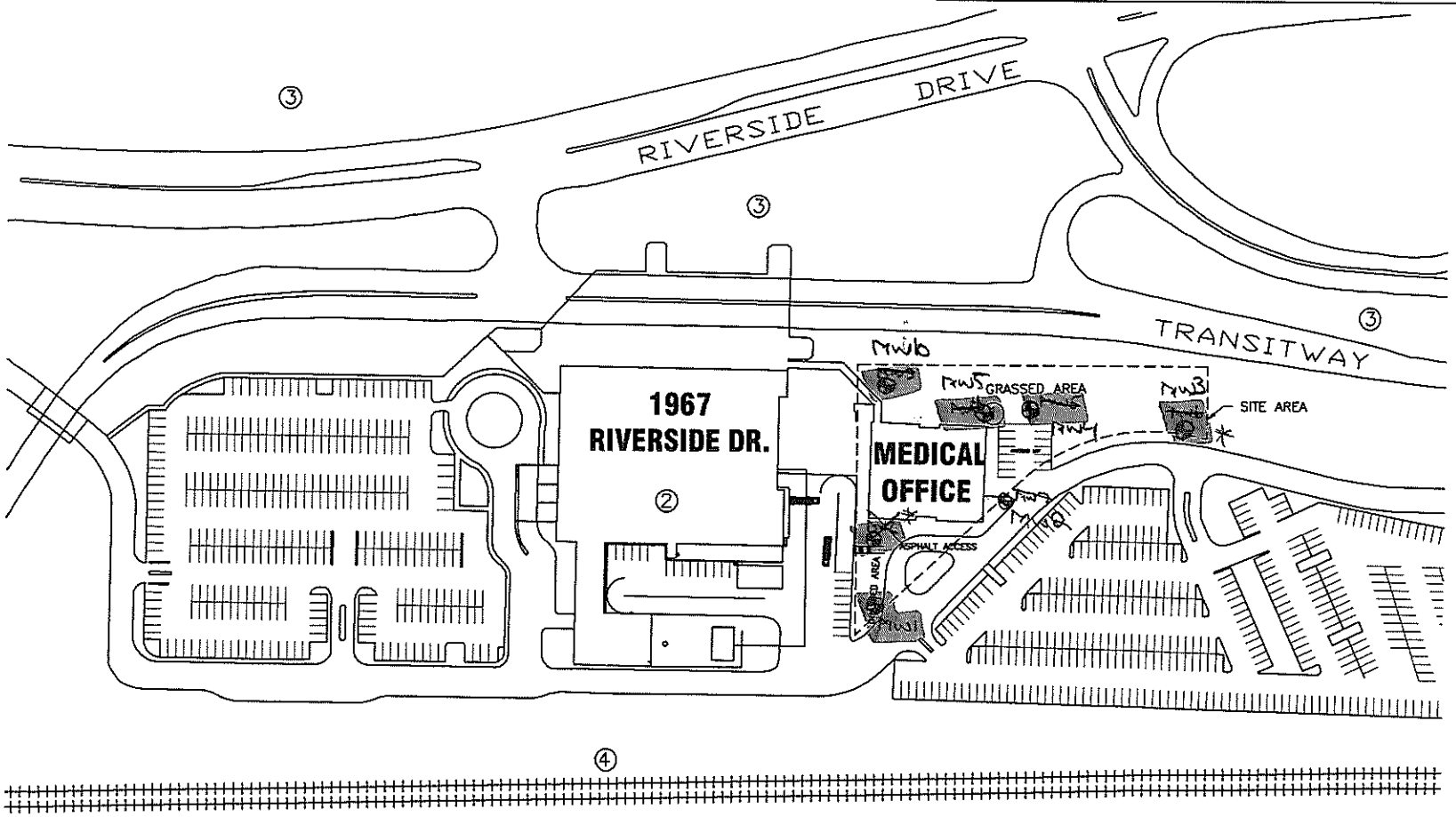
1762485 1 14888

MAY 18 2012 C1241 2146471

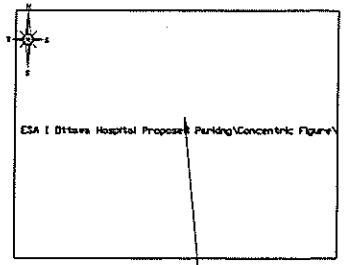
5-12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.
APPROXIMATE LOCATION OF WORK

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(Riverside Campus)

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Toll Free 1-866-919-1661

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CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPV'D:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Ontario — Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)
Tag#: A125720 A125720

S-12425 **Well Record**
Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☒ Metric ☐ Imperial

Page ____ of ____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	
The ottawa	Hospital [redacted]		☐ Well Constructed by Well Owner

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd	ottawa	ON	K1H5L6	[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside Dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447702	5027295		

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	Fill		Loose	0	1.5
Brn	Course Sand			1.5	3.35
Grey	Sand	Clay		3.35	4.57

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete / Flushmount	
.31	1.22	Bensea l	
1.22	4.57	Sand	

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☐ Air percussion
☒ Other, specify direct push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	1.5

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
5.03	Plastic	10	1.5	4.57

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	4.57	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached

MW3

Comments:

Well Contractor and Well Technician Information

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

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

Province	Postal Code	Business E-mail Address
ON	L4B1C6	Wrecords@Stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
9057649304	Beatty Brian

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3161		2012/04/13

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered YYYY MM DD

Date Work Completed 2012/05/14

Ministry Use Only

Audit No. Z 146407

Received MAY 18 2012

1-7624885-1 Civic main campus 14888

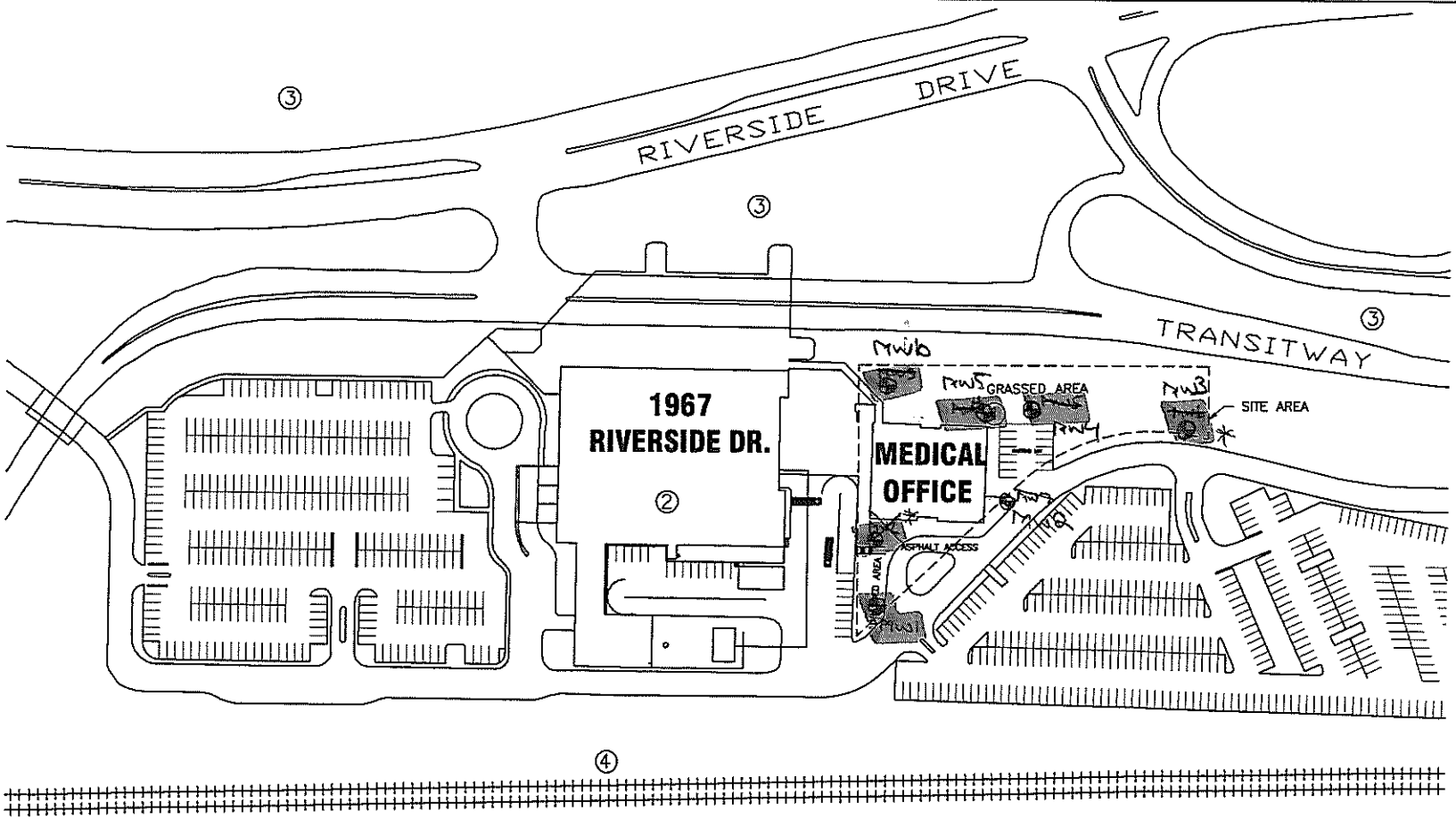
MAY 18 2012

2146407

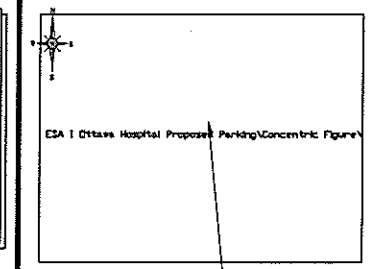
5-12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.

APPROXIMATE LOCATION OF WORK

THE OTTAWA HOSPITAL
(Riverside Campus)

CONCENTRIC ASSOCIATES INTERNATIONAL INCORPORATED

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Tel. 1-306-520-6100
Toll Free 1-866-919-1861

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www.concentriceng.com

CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPV'D:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Ontario — Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below) Tag#: A125700 A125700

5-12425 **Well Record**

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☒ Metric ☐ Imperial

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
The Ottawa Hospital	[redacted]		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
501 Smyth Rd.	Ottawa	ON	K1H8L6	[redacted]

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1919 Riverside dr			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	447739	5027265		

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	fill	sand	Loose	0	.61
BRN	sand			.61	3.66
GRY	sand	clay		3.66	4.57

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	.31	Concrete flushmount	
.31	1.22	Benseal	
1.22	4.57	sand	

Method of Construction

☐ Cable Tool ☐ Diamond ☐ Rotary (Conventional) ☐ Jetting ☐ Rotary (Reverse) ☐ Driving ☐ Boring ☐ Digging ☐ Air percussion ☒ Other, specify Direct Push

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	Plastic	.390	0	1.5

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
6.03	Plastic	10	1.5	4.57

Status of Well

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

Water Details

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

Hole Diameter

Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
0	4.57	10.92

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at (m/ft)

Pumping rate (l/min / GPM)

Duration of pumping _____ hrs + _____ min

Final water level end of pumping (m/ft)

If flowing give rate (l/min / GPM)

Recommended pump depth (m/ft)

Recommended pump rate (l/min / GPM)

Well production (l/min / GPM)

Disinfected? ☐ Yes ☐ No

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

Map of Well Location

Please provide a map below following instructions on the back.

See Map Attached MW 1

Comments:

Well Contractor and Well Technician Information

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

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
147-2 West Beaver Creek Road	Richmond Hill	Ontario	L4B1C6	wrecords@stratasoil.com

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
9057649304	Beath, Brian	3161		2012-04-18

Well owner's information package delivered ☐ Yes ☐ No

Date Package Delivered

Date Work Completed 2012-04-11

Ministry Use Only

Audit No. Z 146410

Received MAY 18 2012

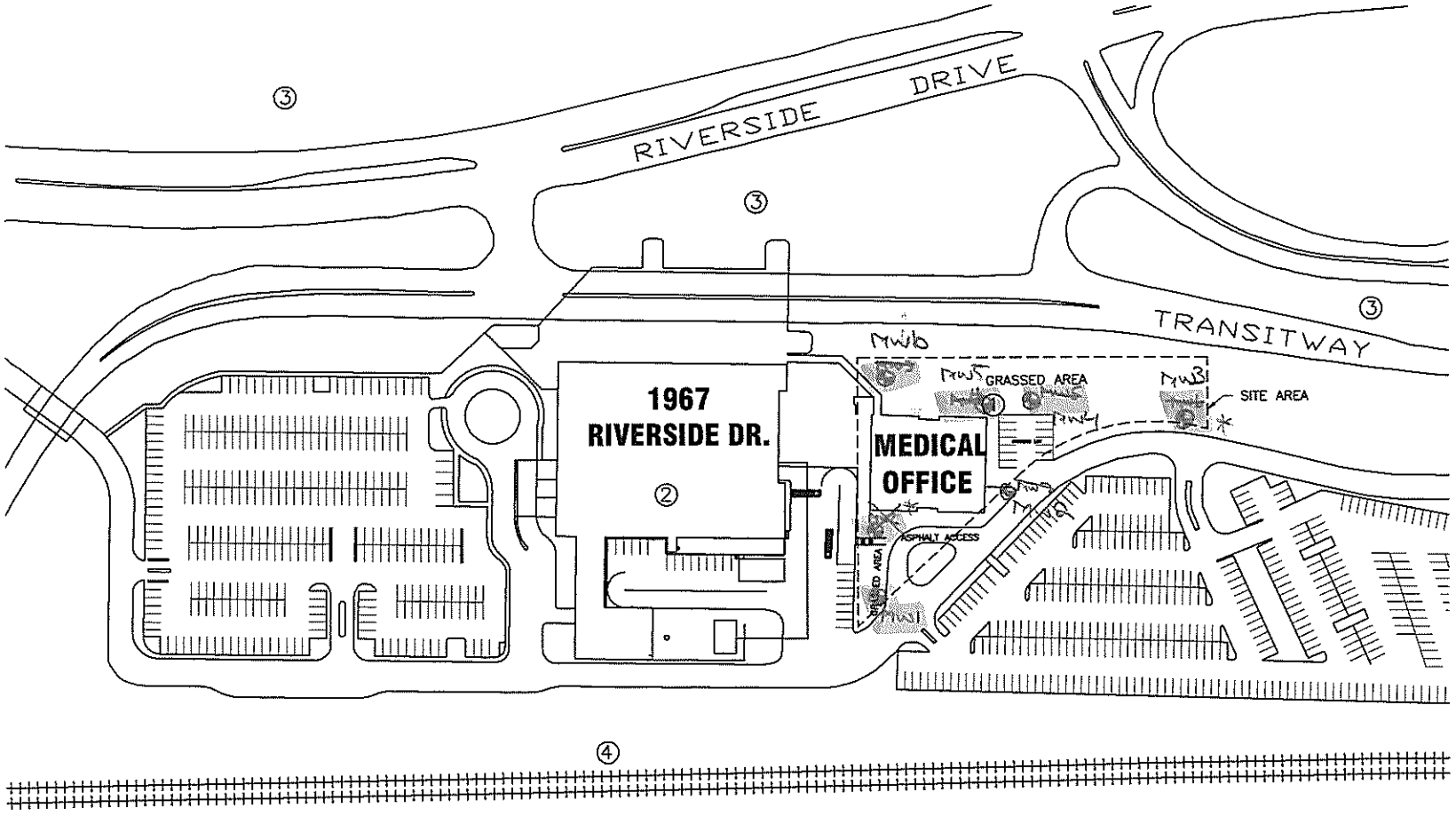
1764885 Civic main campus 14888

MAY 18 2012 C7241 Z146410

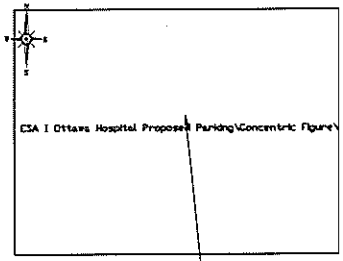
5-12425

LEGEND – ISSUES OF ENVIRONMENTAL CONCERN

1. POTENTIAL AREA OF FORMER WASTE DISPOSAL
2. HISTORICAL SPILLS
   WASTE GENERATOR
   AST/UST
3. FORMER WASTE DISPOSAL
4. RAIL LINES



SITE PLAN
SCALE: 1:1500



KEY PLAN
SCALE: N.T.S.
APPROXIMATE LOCATION OF WORK

THE OTTAWA HOSPITAL
(Riverside Campus)

CONCENTRIC ASSOCIATES INTERNATIONAL INCORPORATED

LONDON
Tel. 1-519-452-7700
Toll Free 1-866-919-4531

OTTAWA
Tel. 1-613-824-8900
Toll Free 1-866-919-4530

IQALUIT
Tel. 1-867-979-3300
Toll Free 1-866-919-4533

SASKATOON
Tel. 1-306-343-5500
Toll Free 1-866-919-8899

REGINA
Tel. 1-306-520-6100
Toll Free 1-866-919-1861

YOU CHALLENGE US... TOGETHER WE SUCCEED
www.concentriceng.com

CLIENT NAME:
THE OTTAWA HOSPITAL

PROJECT ADDRESS:
1919 RIVERSIDE DR
OTTAWA, ONTARIO

PROJECT NAME:
PHASE I ESA

DRAWING TITLE:
PROPOSED PARKING LOTS

DESIGN:	-	SCALE:	AS SHOWN
DRAWN:	LAK	DATE:	FEB 2012
APPV'D:	HS	FILE No:	11-4021

SHEET No.

FIG-1

Mandy Witteman

From: Public Information Services <publicinformationservices@tssa.org>
Sent: August 18, 2021 4:48 PM
To: Mandy Witteman
Subject: RE: Search records request (PE5409)

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello Mandy,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Mariah

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Mandy Witteman
<MWitteman@Patersongroup.ca>
Sent: August 18, 2021 2:30 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Search records request (PE5409)

Good Afternoon

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

Riverside Drive: 1919, 1301
Frobisher Lane: 1811, 1833

Balmor Place: 133
Norwood Ave: 1876, 1882, 1890, 1896, 1904

Thank you

Cheers,

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

patersongroup

solution oriented engineering
over 60 years servicing our clients

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

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

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *1919 Riverside Drive, Ottawa ON*

** Mandatory Field*

Applicant/Agent Information:

Name: *Mandy Witteman*

Mailing Address: *154 Colonnade Road SouthOttawa, Ontario, K2E 7J5*

Telephone: *403-921-1157* Email Address: *MWitteman@Patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name: *Brad Schlegel (Schlegel Villages)*

Mailing Address: *523 Max Becker Drive, Ottawa*

Telephone: *519-571-1873* Email Address: *bschlegel@rbschlegel,com*

Site Details

Legal Description and PIN:

What is the land currently used for?

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

OR Lot area: (irregular lot) 22611 m²

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

Required Fees

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

Planning Fee $128.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

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

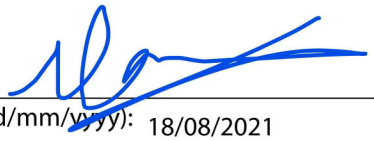
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the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

4. Copyright is reserved to the City.

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

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

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

Signed: 

Dated (dd/mm/yyyy): 18/08/2021

Per: Mandy Witteman
(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc.

patersongroup Consulting Engineers

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

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

www.patersongroup.ca

August 18, 2021
File: PE5409 -HLUI

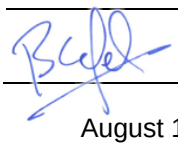
City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
Part of 1919 Riverside Drive, Ottawa, ON

Dear Sir

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

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

Name of Company/Property Owner:	Schlegel Villages
Name of Representative	Brad Schlegel
Signature of Representative	
Date	August 18 2021

DATABASE REPORT

Project Property:	*PE5409 - Part of 1919 Riverside Drive* *PE5409 - Part of 1919 Riverside Drive* *Ottawa ON K1H 7W9*
Project No:	*32355*
Report Type:	*Standard Report*
Order No:	*21081800256*
Requested by:	*Paterson Group Inc.*
Date Completed:	*August 23, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*PE5409 - Part of 1919 Riverside Drive* *PE5409 - Part of 1919 Riverside Drive Ottawa ON K1H 7W9*
Project No:	*32355*

Coordinates:

Latitude:	*45.3981952*
Longitude:	*-75.6675539*
UTM Northing:	*5,027,403.11*
UTM Easting:	*447,752.26*
UTM Zone:	*18T*

Elevation:	*227 FT* *69.08 M*

Order Information:

Order No:	*21081800256*
Date Requested:	*August 18, 2021*
Requested by:	*Paterson Group Inc.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	5	5
CA	Certificates of Approval	Y	0	11	11
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	64	64
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	6	6
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	1	1
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	11	11
	Total:		0	109	109

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		OLD RIVERSIDE & SMYTH OTTAWA ON ***Well ID:*** 7150288	W/42.5	-1.51	30
2	WWIS		1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181366	WSW/62.9	-1.21	32
3	BORE		ON	NNW/101.4	-2.20	35
4	GEN	City of Ottawa	1899 Riverside Drive Ottawa ON K1H 7W9	WNW/105.8	-3.82	37
4	GEN	City of Ottawa	1899 Riverside Drive Ottawa ON K1H 7W9	WNW/105.8	-3.82	37
5	WWIS		1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181365	SW/112.0	-2.31	37
6	WWIS		191 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181367	SSW/119.2	-1.21	40
7	EBR	LIFELABS Inc.	1919 Riverside Drive Ottawa CITY OF OTTAWA ON	SW/124.4	-1.21	43
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	44
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	44
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON	SW/124.4	-1.21	45
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON	SW/124.4	-1.21	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON	SW/124.4	-1.21	46
7	ECA	Borealis Labs GP Inc.	1919 Riverside Dr Ottawa ON M9W 6J6	SW/124.4	-1.21	46
7	ECA	LIFELABS Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	SW/124.4	-1.21	46
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	46
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW/124.4	-1.21	47
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	47
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	47
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW/124.4	-1.21	48
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	48
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW/124.4	-1.21	49
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	49
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	50
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105	SW/124.4	-1.21	50

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			OTTAWA ON K1H 1A2			
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	51
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW/124.4	-1.21	51
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	51
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW/124.4	-1.21	52
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	52
7	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW/124.4	-1.21	53
7	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW/124.4	-1.21	53
7	GEN	Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW/124.4	-1.21	54
8	WWIS		1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181364	SW/131.3	-2.86	54
9	WWIS		1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181368	S/138.7	0.83	57
10	WWIS		1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181363	SW/152.5	-2.93	60
11	BORE		ON	WNW/164.7	-6.43	63

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	BORE		ON	E/172.9	2.41	64
13	BORE		ON	ENE/188.0	1.85	65
14	CA	DAVID EASTWOOD RIVERSIDE HOSPITAL	SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON	WNW/202.8	-7.56	67
14	CA	THE RIVERSIDE HOSPITAL OF OTTAWA	SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON	WNW/202.8	-7.56	67
14	SPL	OTTAWA, CITY OF	SMYTH RD. AT OFF-RAMP TO RIVERSIDE DR. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	WNW/202.8	-7.56	68
14	GEN	OTTAWA-CARLETON REG. TRANSIT COMM.	SMYTH ROAD & RIVERSIDE ROAD OTTAWA ON	WNW/202.8	-7.56	68
15	GEN	MDS INC.	1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	68
15	GEN	MDS LABORATORIES,DIV.OF MDS HEALTH26-574	GRP, 1919 RIVERSIDE DRIVE, OTTAWA C/O 100 INTERNATIONAL BLVD. ETOBICOKE ON K1H 1A2	WSW/213.6	-5.21	69
15	GEN	MDS LABORATORY SERVICES	1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	69
15	GEN	MDS LABORATORY SERVICES	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	69
15	GEN	MDS INC.	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	70
15	GEN	KHB PROPERTY MANAGEMENT LIMITED	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	71
15	GEN	KHB PROPERTY MANAGEMENT LTD. 23-529	1919 RIVERSIDE DR., RIVERSIDE PROF CTR. OTTAWA, C/O 303-101 YORKVILLE	WSW/213.6	-5.21	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			AVE. TORONTO ON K1H 1A2			
15	GEN	KHB PROPERTY MAN(SEE & USE ON2406300)	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	71
15	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	71
15	GEN	MDS Laboratory Services, L.P.	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON	WSW/213.6	-5.21	72
15	EHS		1919 Riverside Drive Ottawa ON K1H 1A2	WSW/213.6	-5.21	72
15	GEN	BPC Ontario Labs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	73
15	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	73
15	CA	LIFELABS Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	WSW/213.6	-5.21	74
15	CA	Borealis Labs GP Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	WSW/213.6	-5.21	74
15	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	74
15	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	75
15	EHS		1919 Riverside Drive Ottawa ON K1H 1A2	WSW/213.6	-5.21	75
15	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	75

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	76
15	GEN	LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW/213.6	-5.21	76
15	GEN	RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW/213.6	-5.21	77
16	SPL	PRIVATE BUSINESS	FAIRVIEW APTS, 1833 OLD RIVERSIDE DR, OTTAWA. GOLDKEY MANAGEMENT CORP. STORAGE TANK OTTAWA CITY ON	NNE/219.8	-1.39	77
16	EHS		1833 Riverside Drive Ottawa ON	NNE/219.8	-1.39	78
16	GEN	Minto	1833 Riverside dr Ottaw ON	NNE/219.8	-1.39	78
17	WWIS		1967 RIVERSIDE DR. OTTAWA ON ***Well ID:*** 7176919	SSW/221.4	-0.21	78
18	WWIS		1967 RIVERSIDE DRIVE Ottawa ON ***Well ID:*** 7121084	SSW/224.3	-0.21	81
19	BORE		ON	SE/224.6	5.51	86
20	WWIS		1967 RIVERSIDE DR. lot 15 OTTAWA ON ***Well ID:*** 7176920	SSW/226.2	0.88	88
21	CA	RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	90
21	CA	HEALTH DEVELOPMENT SERVICES INC.-RIVERSI	1967 RIVERSIDE DR./HOSPITAL OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	CA	RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	91
21	CA	RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	91
21	SPL	PRIVATE OWNER	1967 RIVERSIDE DR, BOILER ROM (RIVERSIDE BRANCH OF OTTAWA HOSPITAL) STORAGE TANK/BARREL OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	91
21	SPL	OTTAWA, CITY OF	1967 RIVERSIDE DR RIVERSIDE HOSPITAL, 1967 RIVERSIDE DR OTTAWA CITY ON K1H 7W9	SSW/239.2	-1.15	92
21	GEN	OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	92
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	93
21	GEN	RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	94
21	GEN	RIVERSIDE HOSPITAL OF OTTAWA 33-115	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	94
21	GEN	RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	95
21	GEN	RIVERSIDE (SEE & USE ON0242602)	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	96
21	CA	The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW/239.2	-1.15	96
21	CA	The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW/239.2	-1.15	97
21	SPL	The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW/239.2	-1.15	97

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	97
21	EHS		1967 Riverside Dr Ottawa ON K1H 7W9	SSW/239.2	-1.15	98
21	VAR	STEVE M MEYNELL	1967 RIVERSIDE DR,,OTTAWA,ON,K1H 7W9,CA ON	SSW/239.2	-1.15	98
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	99
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	100
21	EASR	THE OTTAWA HOSPITAL/L'HOPITAL D'OTTAWA	1967 RIVERSIDE DR OTTAWA ON K1H 7W9	SSW/239.2	-1.15	100
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	101
21	SPL		1967 Riverside Drive Ottawa ON	SSW/239.2	-1.15	102
21	GEN	Strivetech Elevator Services Inc.	1967 Riverside Drive Ottawa ON	SSW/239.2	-1.15	102
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON	SSW/239.2	-1.15	102
21	ECA	The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1Y 4E9	SSW/239.2	-1.15	103
21	ECA	The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW/239.2	-1.15	104
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	104

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	105
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	106
21	GEN	Strivetech Elevator Services Inc.	1967 Riverside Drive Ottawa ON K1H 7W9	SSW/239.2	-1.15	107
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	107
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	109
21	GEN	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW/239.2	-1.15	110
22	CA	R.M. OF OTTAWA-CARLETON SMYTH ROAD	RIVERSIDE HOSPITAL ENTRANCE OTTAWA CITY ON	SW/239.3	-3.34	112
23	ECA	2178646 Ontario Inc.	90 Roger Guidon Ave Ottawa ON K2E 6T8	SE/242.2	5.40	112
24	WWIS		1960 RIVERSIDE DR lot 1 con 4 OTTAWA ON ***Well ID:*** 1536664	W/247.4	-10.21	113

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	172.93	12
	ON	ENE	187.99	13
	ON	SE	224.62	19

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNW	101.36	3
	ON	WNW	164.67	11

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 11 CA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
THE RIVERSIDE HOSPITAL OF OTTAWA	SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON	WNW	202.82	14
DAVID EASTWOOD RIVERSIDE HOSPITAL	SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON	WNW	202.82	14

Borealis Labs GP Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	WSW	213.63	15
LIFELABS Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	WSW	213.63	15
HEALTH DEVELOPMENT SERVICES INC.-RIVERSI	1967 RIVERSIDE DR./HOSPITAL OTTAWA CITY ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA CITY ON K1H 7W9	SSW	239.23	21
The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW	239.23	21
The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW	239.23	21
R.M. OF OTTAWA-CARLETON SMYTH ROAD	RIVERSIDE HOSPITAL ENTRANCE OTTAWA CITY ON	SW	239.31	22

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Jun 30, 2021 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
THE OTTAWA HOSPITAL/L'HOPITAL D'OTTAWA	1967 RIVERSIDE DR OTTAWA ON K1H 7W9	SSW	239.23	21

EBR - Environmental Registry

A search of the EBR database, dated 1994- Jun 30, 2021 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of

the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
LIFELABS Inc.	1919 Riverside Drive Ottawa CITY OF OTTAWA ON	SW	124.35	7

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2021 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
2178646 Ontario Inc.	90 Roger Guidon Ave Ottawa ON K2E 6T8	SE	242.19	23

Lower Elevation	Address	Direction	Distance (m)	Map Key
LIFELABS Inc.	1919 Riverside Dr Ottawa ON K1H 1A2	SW	124.35	7
Borealis Labs GP Inc.	1919 Riverside Dr Ottawa ON M9W 6J6	SW	124.35	7
The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1Y 4E9	SSW	239.23	21
The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW	239.23	21

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	1919 Riverside Drive Ottawa ON K1H 1A2	WSW	213.63	15
	1919 Riverside Drive Ottawa ON K1H 1A2	WSW	213.63	15

	1833 Riverside Drive Ottawa ON	NNE	219.84	16
	1967 Riverside Dr Ottawa ON K1H 7W9	SSW	239.23	21

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 64 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	1899 Riverside Drive Ottawa ON K1H 7W9	WNW	105.84	4
City of Ottawa	1899 Riverside Drive Ottawa ON K1H 7W9	WNW	105.84	4
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON	SW	124.35	7
Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7

Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
Innomar Strategies Inc.	1919 Riverside Dr. Suite 302 Ottawa ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7

Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	SW	124.35	7
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	SW	124.35	7
Innomar Strategies Inc.	1919 Riverside Dr. Suite 412 Ottawa ON K1H 1A2	SW	124.35	7
OTTAWA-CARLETON REG. TRANSIT COMM.	SMYTH ROAD & RIVERSIDE ROAD OTTAWA ON	WNW	202.82	14
MDS INC.	1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	WSW	213.63	15
MDS LABORATORIES,DIV.OF MDS HEALTH26-574	GRP, 1919 RIVERSIDE DRIVE, OTTAWA C/O 100 INTERNATIONAL BLVD. ETOBICOKE ON K1H 1A2	WSW	213.63	15
MDS LABORATORY SERVICES	1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	WSW	213.63	15
MDS LABORATORY SERVICES	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
MDS INC.	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15

KHB PROPERTY MANAGEMENT LIMITED	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15
KHB PROPERTY MANAGEMENT LTD. 23-529	1919 RIVERSIDE DR., RIVERSIDE PROF CTR. OTTAWA, C/O 303-101 YORKVILLE AVE. TORONTO ON K1H 1A2	WSW	213.63	15
KHB PROPERTY MAN(SEE & USE ON2406300)	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15
MDS Laboratory Services, L.P.	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON	WSW	213.63	15
BPC Ontario Labs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15
LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15

LifeLabs LP	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	WSW	213.63	15
RIVERSIDE PROFESSIONAL CENTRE	1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	WSW	213.63	15
Minto	1833 Riverside dr Ottaw ON	NNE	219.84	16
OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA 33-115	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
RIVERSIDE HOSPITAL OF OTTAWA	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
RIVERSIDE (SEE & USE ON0242602)	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21

THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
Strivetech Elevator Services Inc.	1967 Riverside Drive Ottawa ON	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
Strivetech Elevator Services Inc.	1967 Riverside Drive Ottawa ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21
THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS	1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	SSW	239.23	21

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key

OTTAWA, CITY OF	SMYTH RD. AT OFF-RAMP TO RIVERSIDE DR. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	WNW	202.82	14
PRIVATE BUSINESS	FAIRVIEW APTS, 1833 OLD RIVERSIDE DR, OTTAWA. GOLDKEY MANAGEMENT CORP. STORAGE TANK OTTAWA CITY ON	NNE	219.84	16
PRIVATE OWNER	1967 RIVERSIDE DR, BOILER ROM (RIVERSIDE BRANCH OF OTTAWA HOSPITAL) STORAGE TANK/BARREL OTTAWA CITY ON K1H 7W9	SSW	239.23	21
	1967 Riverside Drive Ottawa ON	SSW	239.23	21
The Ottawa Hospital	1967 Riverside Dr Ottawa ON K1H 7W9	SSW	239.23	21
OTTAWA, CITY OF	1967 RIVERSIDE DR RIVERSIDE HOSPITAL, 1967 RIVERSIDE DR OTTAWA CITY ON K1H 7W9	SSW	239.23	21

VAR - Variances for Abandonment of Underground Storage Tanks

A search of the VAR database, dated May 31, 2021 has found that there are 1 VAR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
STEVE M MEYNELL	1967 RIVERSIDE DR,,OTTAWA,ON, K1H 7W9,CA ON	SSW	239.23	21

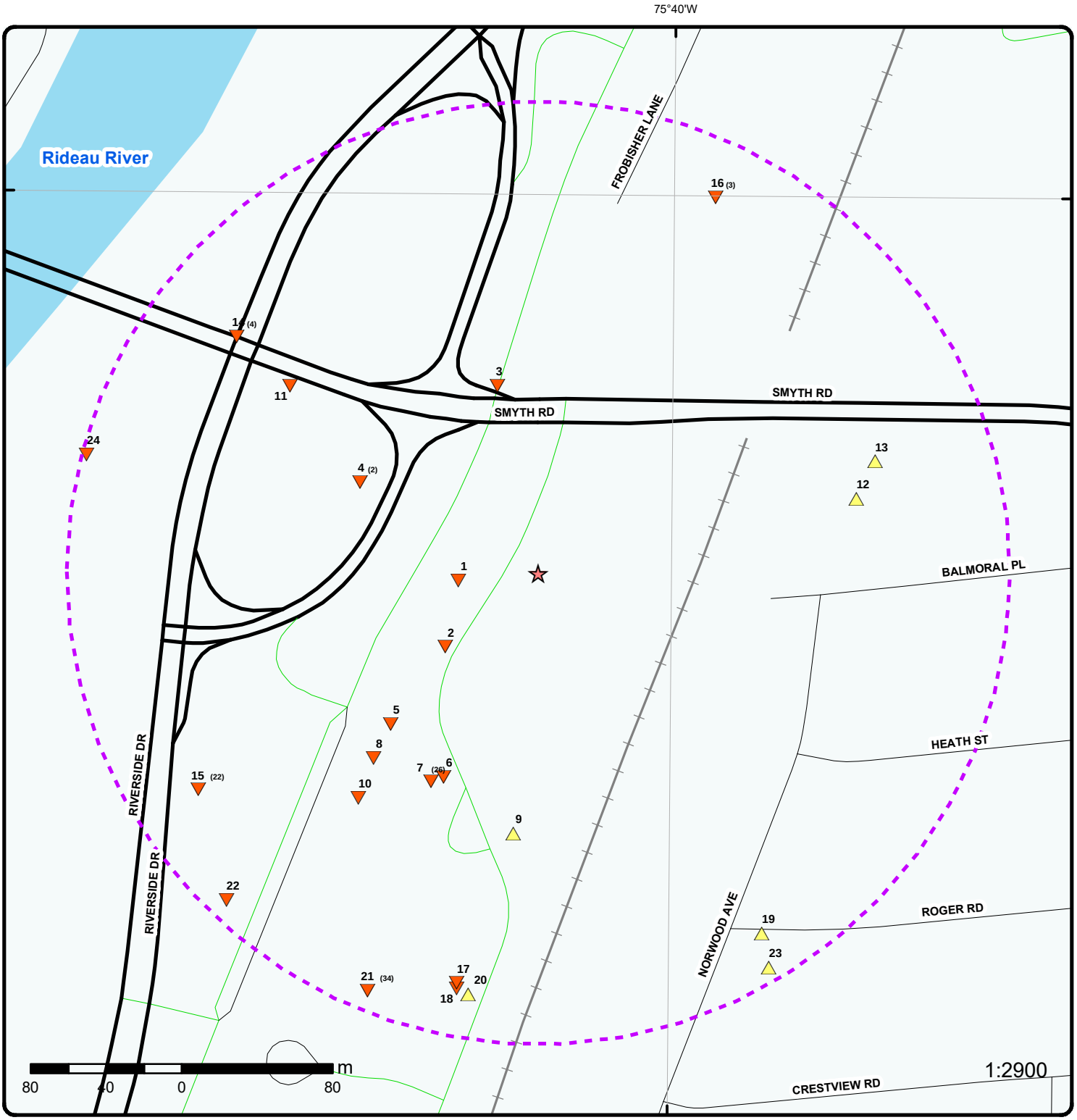
WWIS - Water Well Information System

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181368	S	138.74	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1967 RIVERSIDE DR. lot 15 OTTAWA ON ***Well ID:*** 7176920	SSW	226.20	20

Lower Elevation	Address	Direction	Distance (m)	Map Key
	OLD RIVERSIDE & SMYTH OTTAWA ON ***Well ID:*** 7150288	W	42.46	1
	1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181366	WSW	62.89	2
	1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181365	SW	111.99	5
	191 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181367	SSW	119.22	6
	1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181364	SW	131.30	8
	1919 RIVERSIDE DR Ottawa ON ***Well ID:*** 7181363	SW	152.51	10
	1967 RIVERSIDE DR. OTTAWA ON ***Well ID:*** 7176919	SSW	221.37	17
	1967 RIVERSIDE DRIVE Ottawa ON ***Well ID:*** 7121084	SSW	224.32	18
	1960 RIVERSIDE DR lot 1 con 4 OTTAWA ON ***Well ID:*** 1536664	W	247.39	24



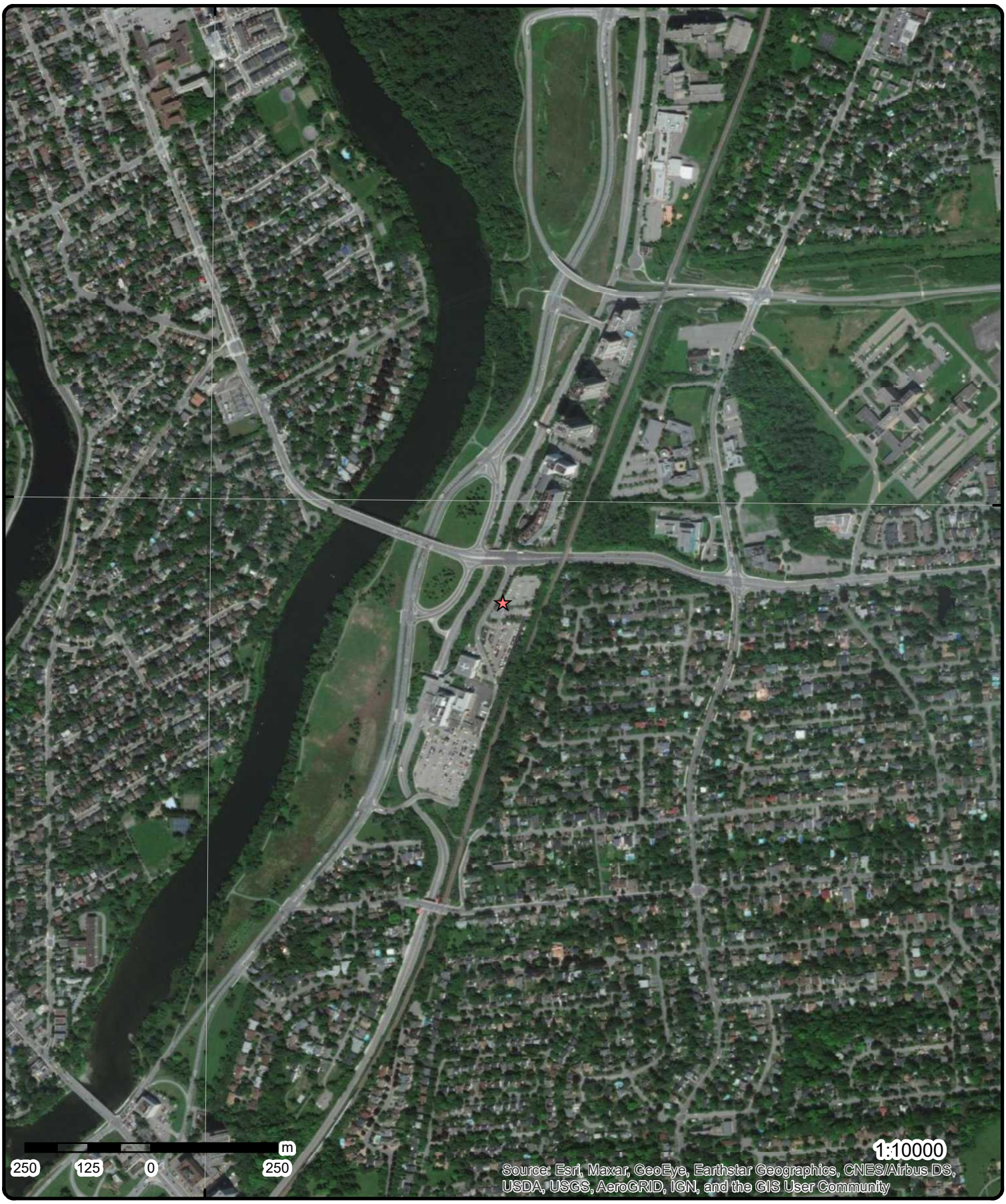
Map: 0.25 Kilometer Radius

Order Number: 21081800256

Address: PE5409 - Part of 1919 Riverside Drive, Ottawa, ON

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

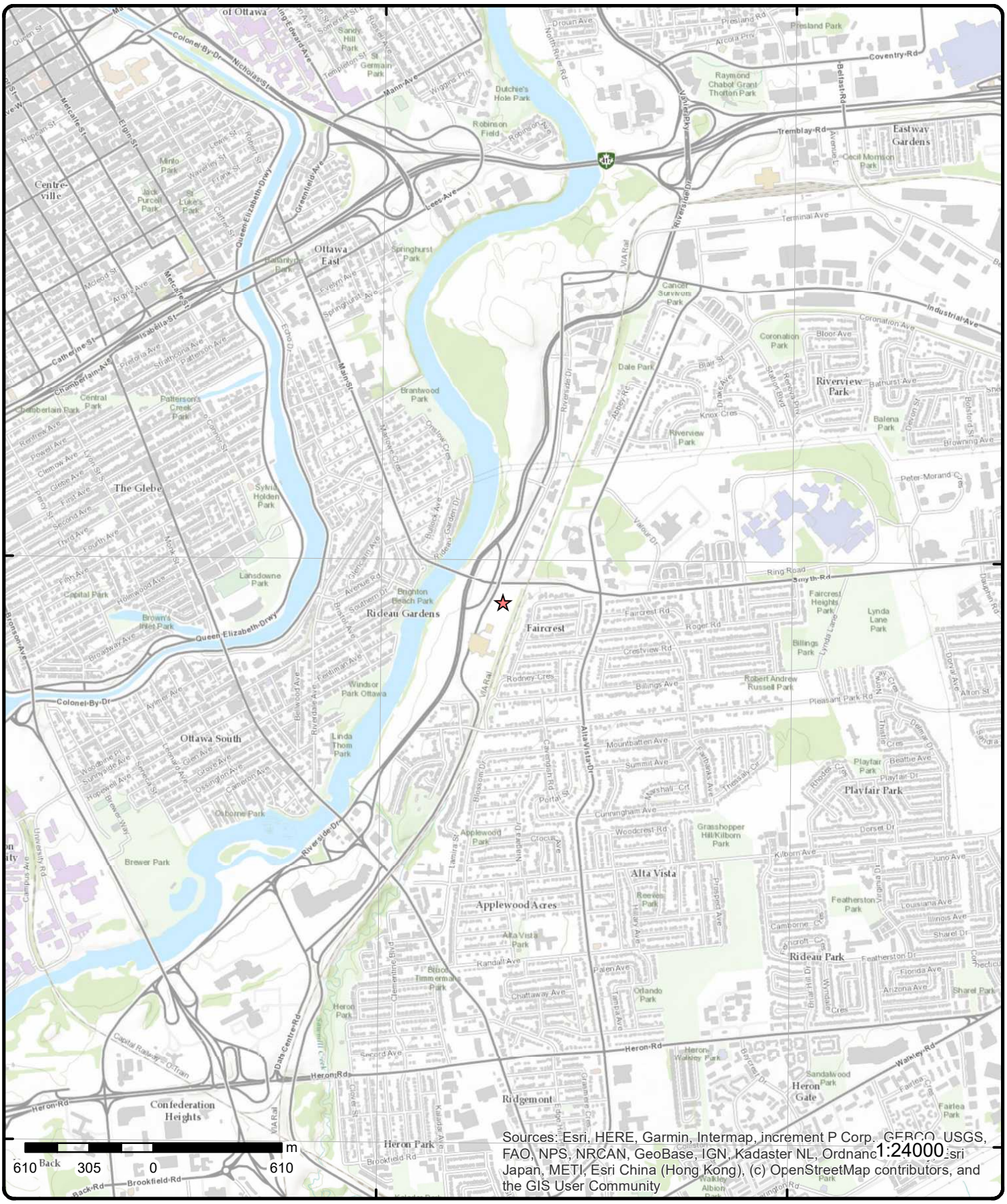


Aerial **Year: 2020**

Order Number: 21081800256

Address: PE5409 - Part of 1919 Riverside Drive, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21081800256

Address: PE5409 - Part of 1919 Riverside Drive, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/42.5	67.6 / -1.51	OLD RIVERSIDE & SMYTH OTTAWA ON	WWIS

Well ID:	7150288	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/25/2010
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z111687	**Owner:**	
Tag:	A097225	**Street Name:**	OLD RIVERSIDE & SMYTH
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7150288.pdf

Additional Detail(s) (Map)

Well Completed Date:	2010/07/26
Year Completed:	2010
Depth (m):	4.57
Latitude:	45.3981550898026
Longitude:	-75.6680933478233
Path:	715\7150288.pdf

Bore Hole Information

Bore Hole ID:	1003306214	**Elevation:**	64.328620
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	447710.00
Code OB Desc:		**North83:**	5027399.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	26-Jul-2010 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003320488
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	3.6600000858306885
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003320487
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	68
Mat3 Desc:	DRY
Formation Top Depth:	0.0
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003320492
Layer:	3
Plug From:	2.74000000953674
Plug To:	4.57000017166138
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003320490
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003320491
Layer:	2
Plug From:	0.310000002384186
Plug To:	2.74000000953674
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1003320498
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1003320486
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003320494
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.09999990463257
Casing Diameter: 5.19999980926514
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003320495
Layer: 1
Slot: 10
Screen Top Depth: 3.09999990463257
Screen End Depth: 4.57000017166138
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1003320493
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003320489
Diameter: 10.920000076293945
Depth From: 0.0
Depth To: 4.570000171661377
Hole Depth UOM: m
Hole Diameter UOM: cm

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2 | **1 of 1** | **WSW/62.9** | **67.9 / -1.21** | **1919 RIVERSIDE DR Ottawa ON** | **WWIS**

Well ID: 7181366
Construction Date:
Primary Water Use: Monitoring and Test Hole
Data Entry Status:
Data Src:
Date Received: 5/18/2012

Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z146471	**Owner:**	
Tag:	A125721	**Street Name:**	1919 RIVERSIDE DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181366.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/04/11
Year Completed:	2012
Depth (m):	5.18
Latitude:	45.3978395427201
Longitude:	-75.6681790655435
Path:	718\7181366.pdf

Bore Hole Information

Bore Hole ID:	1003795179	**Elevation:**	65.380149
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	447703.00
Code OB Desc:		**North83:**	5027364.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Apr-2012 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004317697
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.6100000143051147
Formation End Depth:	3.9600000381469727
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317698
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.9600000381469727
Formation End Depth:	5.179999828338623
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317696
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317708
Layer:	3
Plug From:	1.83000004291534
Plug To:	5.17999982833862
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317707
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.83000004291534
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317706
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004317705
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1004317695
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004317701
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.13000011444092
Casing Diameter:	5.19999980926514
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004317702
Layer:	1
Slot:	10
Screen Top Depth:	2.13000011444092
Screen End Depth:	5.17999982833862
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1004317700
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004317699
Diameter:	10.920000076293945
Depth From:	0.0
Depth To:	5.179999828338623
Hole Depth UOM:	m
Hole Diameter UOM:	cm

3	***1 of 1***	***NNW/101.4***	***66.9 / -2.20***	***ON***	***BORE***

Borehole ID:	613070	***Inclin FLG:***	No
OGF ID:	215514374	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1958	***Municipality:***	
Static Water Level:	1.2	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.399085
Total Depth m:	-999	***Longitude DD:***	-75.66784
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	447731
Drill Method:		***Northing:***	5027502
Orig Ground Elev m:	58.7	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	64.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393563	***Mat Consistency:***	Dense
Top Depth:	3	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. BEDROCK. DENSE. BEDROCK. BEDROCK. 00000 015 00025 015 00040 018 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218393561	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Fill	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	fill
Gsc Material Description:			
Stratum Description:	FILL.		

Geology Stratum ID:	218393562	***Mat Consistency:***	
Top Depth:	1.5	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Pebbles	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. WATER STABLE AT 188.5 FEET.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055780 NTS_Sheet: 31G05G
Confiden 1:

Source List

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

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4 **1 of 2** **WNW/105.8** **65.3 / -3.82** **City of Ottawa**
1899 Riverside Drive
Ottawa ON K1H 7W9
GEN

Generator No: ON8027890
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION
PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lei Gong
Phone No Admin: 613-580-2424 Ext.22738

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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4 **2 of 2** **WNW/105.8** **65.3 / -3.82** **City of Ottawa**
1899 Riverside Drive
Ottawa ON K1H 7W9
GEN

Generator No: ON8027890
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 237310
SIC Description: HIGHWAY, STREET AND BRIDGE CONSTRUCTION
PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Lei Gong
Phone No Admin: 613-580-2424 Ext.22738

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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5 **1 of 1** **SW/112.0** **66.8 / -2.31** **1919 RIVERSIDE DR**
Ottawa ON
WWIS

Well ID: 7181365
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z146469
Tag: A125697
Construction Method:
Elevation (m):
Data Entry Status:
Data Src:
Date Received: 5/18/2012
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1919 RIVERSIDE DR
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP

Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181365.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/04/11
Year Completed:	2012
Depth (m):	6.1
Latitude:	45.3974683466581
Longitude:	-75.668545210381
Path:	718\7181365.pdf

Bore Hole Information

Bore Hole ID:	1003795176	***Elevation:***	65.403015
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	447674.00
Code OB Desc:		***North83:***	5027323.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11-Apr-2012 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004317664
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317666
Layer:	3
Color:	2

General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.880000114440918
Formation End Depth:	6.099999904632568
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317665
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.6100000143051147
Formation End Depth:	4.880000114440918
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317675
Layer:	2
Plug From:	0.310000002384186
Plug To:	2.74000000953674
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317676
Layer:	3
Plug From:	2.74000000953674
Plug To:	6.09999990463257
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317674
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004317673
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1004317663
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004317669
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.09999990463257
Casing Diameter:	5.19999980926514
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004317670
Layer:	1
Slot:	10
Screen Top Depth:	3.09999990463257
Screen End Depth:	6.09999990463257
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1004317668
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004317667
Diameter:	10.920000076293945
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

6 ***1 of 1*** ***SSW/119.2*** ***67.9 / -1.21*** ***191 RIVERSIDE DR Ottawa ON*** ***WWIS***

Well ID:	7181367	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	5/18/2012
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z146407	***Owner:***	

Tag:	A125720	**Street Name:**	191 RIVERSIDE DR
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181367.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/04/11
Year Completed:	2012
Depth (m):	4.57
Latitude:	45.3972184207321
Longitude:	-75.668184521371
Path:	718\7181367.pdf

Bore Hole Information

Bore Hole ID:	1003795304	**Elevation:**	66.477066
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	447702.00
Code OB Desc:		**North83:**	5027295.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Apr-2012 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004317710
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317711
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.5
Formation End Depth:	3.3499999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317712
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.3499999046325684
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317722
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.57000017166138
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317721
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317720
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004317719

Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1004317709
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004317715
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.19999980926514
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004317716
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.57000017166138
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1004317714
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004317713
Diameter: 10.920000076293945
Depth From: 0.0
Depth To: 4.570000171661377
Hole Depth UOM: m
Hole Diameter UOM: cm

7	1 of 26	SW/124.4	67.9 / -1.21	***LIFELABS Inc.*** ***1919 Riverside Drive Ottawa CITY OF OTTAWA ON***	***EBR***

EBR Registry No: 010-4205
Ministry Ref No: 0238-7GNLC4
Notice Type: Instrument Decision
Notice Stage:
Decision Posted:
Exception Posted:
Section:
Act 1:

Notice Date: September 05, 2008
Proposal Date: July 21, 2008
Year: 2008
Act 2:
Site Location Map:
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: LIFELABS Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 100 International Boulevard, Toronto Ontario, Canada M4W 6J6
Comment Period:
URL:

Site Location Details:

1919 Riverside Drive Ottawa CITY OF OTTAWA

7	2 of 26	SW/124.4	67.9 / -1.21	LifeLabs LP RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	GEN

Generator No: ON0116768
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

7	3 of 26	SW/124.4	67.9 / -1.21	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	GEN

Generator No: ON2406300
Status:
Approval Years: 2012
PO Box No:
Country:
Choice of Contact:

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

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 541619
SIC Description: Other Management Consulting Services

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

---

7 | ***4 of 26*** | ***SW/124.4*** | ***67.9 / -1.21*** | ***RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON*** | ***GEN***

Generator No: ON2406300 ***PO Box No:***
Status: ***Country:***
Approval Years: 2013 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 541619
SIC Description: OTHER MANAGEMENT CONSULTING SERVICES

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

7 | ***5 of 26*** | ***SW/124.4*** | ***67.9 / -1.21*** | ***LifeLabs LP RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON*** | ***GEN***

Generator No: ON0116768 ***PO Box No:***
Status: ***Country:***
Approval Years: 2013 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 621510
SIC Description: MEDICAL AND DIAGNOSTIC LABORATORIES

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

7 **6 of 26** **SW/124.4** **67.9 / -1.21** **Innomar Strategies Inc.**
1919 Riverside Dr. Suite 302
Ottawa ON **GEN**

Generator No: ON8869520
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 623110
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

7 **7 of 26** **SW/124.4** **67.9 / -1.21** **Borealis Labs GP Inc.**
1919 Riverside Dr
Ottawa ON M9W 6J6 **ECA**

Approval No: 8846-8DMRML
Approval Date: 2011-02-13
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Borealis Labs GP Inc.
Address: 1919 Riverside Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6641-88NQCC-14.pdf

MOE District: Ottawa
City:
Longitude: -75.66832
Latitude: 45.39712
Geometry X:
Geometry Y:

---

7 **8 of 26** **SW/124.4** **67.9 / -1.21** **LIFELABS Inc.**
1919 Riverside Dr
Ottawa ON K1H 1A2 **ECA**

Approval No: 7161-7H2HKZ
Approval Date: 2008-08-31
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: LIFELABS Inc.
Address: 1919 Riverside Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0238-7GNLC4-13.pdf

MOE District: Ottawa
City:
Longitude: -75.66832
Latitude: 45.39712
Geometry X:
Geometry Y:

---

7 **9 of 26** **SW/124.4** **67.9 / -1.21** **RIVERSIDE PROFESSIONAL CENTRE**
1919 RIVERSIDE DRIVE **GEN**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA ON K1H 1A2	

Generator No: ON2406300
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541619
SIC Description: OTHER MANAGEMENT CONSULTING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Jeff McDonald
Phone No Admin: 6135217467 Ext.

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

7	***10 of 26***	***SW/124.4***	***67.9 / -1.21***	***Innomar Strategies Inc.*** ***1919 Riverside Dr. Suite 302*** ***Ottawa ON K1H 1A2***	***GEN***

Generator No: ON8869520
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 623110
SIC Description: 623110

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

7	***11 of 26***	***SW/124.4***	***67.9 / -1.21***	***RIVERSIDE PROFESSIONAL CENTRE*** ***1919 RIVERSIDE DRIVE*** ***OTTAWA ON K1H 1A2***	***GEN***

Generator No: ON2406300
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541619
SIC Description: OTHER MANAGEMENT CONSULTING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: NIKKI SINGH
Phone No Admin: 416-364-5959 Ext.404

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

7	***12 of 26***	***SW/124.4***	***67.9 / -1.21***	***LifeLabs LP*** ***RIVERSIDE PROFESSIONAL CENTRE 1919***	***GEN***

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

RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2

Generator No:	ON0116768	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	Louise Nagy
MHSW Facility:	No	***Phone No Admin:***	604-412-4561 Ext.
SIC Code:	621510		
SIC Description:	MEDICAL AND DIAGNOSTIC LABORATORIES		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	114
Waste Class Desc:	OTHER INORGANIC ACID WASTES
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS

7	***13 of 26***	***SW/124.4***	***67.9 / -1.21***	***Innomar Strategies Inc.*** ***1919 Riverside Dr. Suite 302*** ***Ottawa ON K1H 1A2***	***GEN***

Generator No:	ON8869520	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2015	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	
MHSW Facility:	No	***Phone No Admin:***	
SIC Code:	623110		
SIC Description:	623110		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS

7	***14 of 26***	***SW/124.4***	***67.9 / -1.21***	***LifeLabs LP*** ***RIVERSIDE PROFESSIONAL CENTRE 1919*** ***RIVERSIDE DRIVE, #105*** ***OTTAWA ON K1H 1A2***	***GEN***

Generator No:	ON0116768	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2015	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	Louise Nagy

MHSW Facility: No
SIC Code: 621510
SIC Description: MEDICAL AND DIAGNOSTIC LABORATORIES
Phone No Admin: 604-412-4561 Ext.

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

7 | **15 of 26** | **SW/124.4** | **67.9 / -1.21** | **GEN**

Innomar Strategies Inc.
1919 Riverside Dr. Suite 302
Ottawa ON K1H 1A2

Generator No: ON8869520
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 623110
SIC Description: 623110
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

7 | **16 of 26** | **SW/124.4** | **67.9 / -1.21** | **GEN**

LifeLabs LP
RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2

Generator No: ON0116768
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621510
SIC Description: MEDICAL AND DIAGNOSTIC LABORATORIES
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Louise Nagy
Phone No Admin: 604-412-4561 Ext.

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

---

7 ***17 of 26*** ***SW/124.4*** ***67.9 / -1.21*** ***RIVERSIDE PROFESSIONAL CENTRE***
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON2406300
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 541619
SIC Description: OTHER MANAGEMENT CONSULTING SERVICES

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: NIKKI SINGH
Phone No Admin: 416-364-5959 Ext.404

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

---

7 ***18 of 26*** ***SW/124.4*** ***67.9 / -1.21*** ***LifeLabs LP***
RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON0116768
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 211 H
Waste Class Desc: Aromatic solvents and residues

Waste Class: 212 H

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

Waste Class Desc: Aliphatic solvents and residues

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

7 **19 of 26** **SW/124.4** **67.9 / -1.21**

RIVERSIDE PROFESSIONAL CENTRE
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2

GEN

Generator No: ON2406300
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

7 **20 of 26** **SW/124.4** **67.9 / -1.21**

Innomar Strategies Inc.
1919 Riverside Dr. Suite 412
Ottawa ON K1H 1A2

GEN

Generator No: ON8869520
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

7 **21 of 26** **SW/124.4** **67.9 / -1.21**

LifeLabs LP
RIVERSIDE PROFESSIONAL CENTRE 1919
RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2

GEN

Generator No: ON0116768
Status: Registered
Approval Years: As of Jul 2020

PO Box No:
Country: Canada
Choice of Contact:

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code:
SIC Description:

Detail(s)

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

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 211 H
Waste Class Desc: Aromatic solvents and residues

---

7 ***22 of 26*** ***SW/124.4*** ***67.9 / -1.21*** ***Innomar Strategies Inc.***
1919 Riverside Dr. Suite 412
Ottawa ON K1H 1A2 ***GEN***

Generator No: ON8869520
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

---

7 ***23 of 26*** ***SW/124.4*** ***67.9 / -1.21*** ***RIVERSIDE PROFESSIONAL CENTRE***
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON2406300
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

---

7 | **24 of 26** | **SW/124.4** | **67.9 / -1.21** | **LifeLabs LP**
RIVERSIDE PROFESSIONAL CENTRE 1919
RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2 | **GEN**

Generator No: ON0116768
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 211 H
Waste Class Desc: Aromatic solvents and residues

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

---

7 | **25 of 26** | **SW/124.4** | **67.9 / -1.21** | **RIVERSIDE PROFESSIONAL CENTRE**
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2 | **GEN**

Generator No: ON2406300
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A

Waste Class Desc: Pharmaceuticals

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

---

7 | **26 of 26** | **SW/124.4** | **67.9 / -1.21** | **Innomar Strategies Inc.**
1919 Riverside Dr. Suite 412
Ottawa ON K1H 1A2 | **GEN**

Generator No: ON8869520
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

---

8 | **1 of 1** | **SW/131.3** | **66.2 / -2.86** | **1919 RIVERSIDE DR**
Ottawa ON | **WWIS**

Well ID: 7181364
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z146524
Tag: A125698
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/18/2012
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1919 RIVERSIDE DR
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181364.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/04/11
Year Completed: 2011
Depth (m): 4.57
Latitude: 45.3973056612738
Longitude: -75.6686582804812
Path: 718\7181364.pdf

Bore Hole Information

Bore Hole ID:	1003794970	**Elevation:**	65.607589
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	447665.00
Code OB Desc:		**North83:**	5027305.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-Apr-2011 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004317640
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.6100000143051147
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317639
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317649
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1004317648
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004317650
Layer: 3
Plug From: 1.22000002861023
Plug To: 4.57000017166138
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004317647
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1004317638
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004317643
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.19999980926514
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004317644
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.57000017166138
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1004317642
Layer:
Kind Code:
Kind:
Water Found Depth:

Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004317641
Diameter: 10.920000076293945
Depth From: 0.0
Depth To: 4.570000171661377
Hole Depth UOM: m
Hole Diameter UOM: cm

---

9 | ***1 of 1*** | ***S/138.7*** | ***69.9 / 0.83*** | ***1919 RIVERSIDE DR Ottawa ON*** | ***WWIS***

Well ID: 7181368
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z146410
Tag: A125700
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/18/2012
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1919 RIVERSIDE DR
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181368.pdf

Additional Detail(s) (Map)

Well Completed Date: 2012/04/11
Year Completed: 2012
Depth (m): 4.57
Latitude: 45.3969511644874
Longitude: -75.6677086435367
Path: 718\7181368.pdf

Bore Hole Information

Bore Hole ID: 1003795369
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Apr-2012 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation: 67.334228
Elevrc:
Zone: 18
East83: 447739.00
North83: 5027265.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1004317725
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.6100000143051147
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317726
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.6600000858306885
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004317724
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.6100000143051147
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317735
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317734
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004317736
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.57000017166138
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004317733
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1004317723
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004317729
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	5.19999980926514
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004317730
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57000017166138
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1004317728
Layer:	

Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004317727
Diameter: 10.920000076293945
Depth From: 0.0
Depth To: 4.570000171661377
Hole Depth UOM: m
Hole Diameter UOM: cm

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10 **1 of 1** **SW/152.5** **66.2 / -2.93** **1919 RIVERSIDE DR Ottawa ON** **WWIS**

Well ID: 7181363
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z146464
Tag: A125699
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/18/2012
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1919 RIVERSIDE DR
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181363.pdf

Additional Detail(s) (Map)

Well Completed Date: 2012/04/11
Year Completed: 2012
Depth (m): 6.1
Latitude: 45.3971160485269
Longitude: -75.6687582558209
Path: 718\7181363.pdf

Bore Hole Information

Bore Hole ID: 1003794967
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Apr-2012 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:

Elevation: 65.705055
Elevrc:
Zone: 18
East83: 447657.00
North83: 5027284.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1004317623
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.9100000262260437
Formation End Depth: 5.179999828338623
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004317622
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 0.9100000262260437
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004317624
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 5.179999828338623
Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004317634
Layer: 3
Plug From: 2.74000000953674

Plug To: 6.09999990463257
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004317633
Layer: 2
Plug From: 0.310000002384186
Plug To: 2.74000000953674
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004317632
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004317631
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1004317621
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004317627
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.09999990463257
Casing Diameter: 5.19999980926514
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004317628
Layer: 1
Slot: 10
Screen Top Depth: 3.09999990463257
Screen End Depth: 6.09999990463257
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID:	1004317626
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004317625
Diameter:	10.920000076293945
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

11 ***1 of 1*** ***WNW/164.7*** ***62.7 / -6.43*** ***ON*** ***BORE***

Borehole ID:	613069	***Inclin FLG:***	No
OGF ID:	215514373	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1958	***Municipality:***	
Static Water Level:	1.2	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.399077
Total Depth m:	-999	***Longitude DD:***	-75.669245
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	447621
Drill Method:		***Northing:***	5027502
Orig Ground Elev m:	58.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	62.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393559	***Mat Consistency:***	Compact
Top Depth:	4.3	***Material Moisture:***	
Bottom Depth:	4.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. COMPACT, WATER STABLE AT 188.4 FEET.		

Geology Stratum ID:	218393558	***Mat Consistency:***	Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	4.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: SILT. SOFT.

Geology Stratum ID: 218393560
Top Depth: 4.6
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. DENSE. BEDROCK. BEDROCK. 00000 015 00025 015 00040 018 00100 016 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Dense
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055770 NTS_Sheet: 31G05G
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

12	1 of 1	E/172.9	71.5 / 2.41	ON	BORE

Borehole ID: 613060
OGF ID: 215514364
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 71.6
Elev Reliabil Note:
DEM Ground Elev m: 69
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.39856
Longitude DD: -75.665406
UTM Zone: 18
Easting: 447921
Northing: 5027442
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218393520
Mat Consistency:

Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218393521	**Mat Consistency:**	Dense
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. STONE. SANDSTONE. SHALE. 00010001208000200405004 DENSE. SAND. DENSE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 055680 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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13 ***1 of 1*** ***ENE/188.0*** ***70.9 / 1.85*** ***ON*** ***BORE***

Borehole ID:	613062	**Inclin FLG:**	No
OGF ID:	215514366	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUN-1958	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.39874
Total Depth m:	-999	**Longitude DD:**	-75.66528
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	447931
Drill Method:		**Northing:**	5027462
Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	66.8		
Concession:			
Location D:			
Survey D:			

Comments:

Borehole Geology Stratum

Geology Stratum ID:	218393531	***Mat Consistency:***	Firm
Top Depth:	3.4	***Material Moisture:***	
Bottom Depth:	5.1	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. FIRM.		

Geology Stratum ID:	218393533	***Mat Consistency:***	Loose
Top Depth:	6.6	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Shale	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK. LOW,LOOSE. K. 00008 009 00030 010 00065 009 00125 011 000300300 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218393528	***Mat Consistency:***	Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.2	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Silt	***Geologic Formation:***	
Material 2:	Sand	***Geologic Group:***	
Material 3:	Clay	***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SILT. SOFT.		

Geology Stratum ID:	218393530	***Mat Consistency:***	Compact
Top Depth:	2.6	***Material Moisture:***	
Bottom Depth:	3.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Boulders	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND,BOULDERS. COMPACT.		

Geology Stratum ID:	218393529	***Mat Consistency:***	Firm
Top Depth:	1.2	***Material Moisture:***	
Bottom Depth:	2.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. FIRM.		

Geology Stratum ID:	218393532	***Mat Consistency:***	Compact
Top Depth:	5.1	***Material Moisture:***	
Bottom Depth:	6.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	

Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. COMPACT.

Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055700 NTS_Sheet: 31G05G
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

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14 ***1 of 4*** ***WNW/202.8*** ***61.5 / -7.56*** ***DAVID EASTWOOD RIVERSIDE HOSPITAL SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON*** ***CA***

Certificate #: 3-1339-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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14 ***2 of 4*** ***WNW/202.8*** ***61.5 / -7.56*** ***THE RIVERSIDE HOSPITAL OF OTTAWA SMYTH RD./E. OF RIVERSIDE DR. OTTAWA CITY ON*** ***CA***

Certificate #: 7-1119-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	3 of 4	WNW/202.8	61.5 / -7.56	OTTAWA, CITY OF SMYTH RD. AT OFF-RAMP TO RIVERSIDE DR. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	SPL

Ref No:	14589	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/7/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	F.D., WORKS DEPT.
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/7/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ADVERSE ROAD CONDITION	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	LOST DATA ENTRY		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	4 of 4	WNW/202.8	61.5 / -7.56	OTTAWA-CARLETON REG. TRANSIT COMM. SMYTH ROAD & RIVERSIDE ROAD OTTAWA ON	GEN

Generator No:	ON0133304	PO Box No:	
Status:		Country:	
Approval Years:	88,89,90,92,93,94	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	0000		
SIC Description:	*** NOT DEFINED ***		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 22	WSW/213.6	63.9 / -5.21	MDS INC. 1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	GEN

Generator No:	ON0116768	PO Box No:	
Status:		Country:	
Approval Years:	92,93	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	8683		
SIC Description:	COMB. MED./RAD. LAB.		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	2 of 22	WSW/213.6	63.9 / -5.21	MDS LABORATORIES,DIV.OF MDS HEALTH26-574 GRP, 1919 RIVERSIDE DRIVE, OTTAWA C/O 100 INTERNATIONAL BLVD. ETOBICOKE ON K1H 1A2	GEN

Generator No: ON0116768
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8681
SIC Description: MEDICAL LABORATORIES

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	3 of 22	WSW/213.6	63.9 / -5.21	MDS LABORATORY SERVICES 1919 RIVERSIDE DRIVE, #105 RIVERSIDE PROFESSIONAL CENTRE OTTAWA ON K1H 1A2	GEN

Generator No: ON0116768
Status:
Approval Years: 97
Contam. Facility:
MHSW Facility:
SIC Code: 8683
SIC Description: COMB. MED./RAD. LAB.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	4 of 22	WSW/213.6	63.9 / -5.21	MDS LABORATORY SERVICES RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2	GEN

Generator No: ON0116768
Status:

PO Box No:
Country:

Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8683
SIC Description: COMB. MED./RAD. LAB.

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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15 | ***5 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***MDS INC.***
RIVERSIDE PROFESSIONAL CENTRE 1919
RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2 | ***GEN***

Generator No: ON0116768
Status:
Approval Years: 02
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312

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

15	6 of 22	WSW/213.6	63.9 / -5.21	KHB PROPERTY MANAGEMENT LIMITED RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	GEN

Generator No: ON1236101
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 8652
SIC Description: PHYSICIAN, SPEC.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

15	7 of 22	WSW/213.6	63.9 / -5.21	KHB PROPERTY MANAGEMENT LTD. 23-529 1919 RIVERSIDE DR., RIVERSIDE PROF CTR. OTTAWA, C/O 303-101 YORKVILLE AVE. TORONTO ON K1H 1A2	GEN

Generator No: ON1236101
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8652
SIC Description: PHYSICIAN, SPEC.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

15	8 of 22	WSW/213.6	63.9 / -5.21	KHB PROPERTY MAN(SEE & USE ON2406300) RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	GEN

Generator No: ON1236101
Status:
Approval Years: 98,99
Contam. Facility:
MHSW Facility:
SIC Code: 8652
SIC Description: PHYSICIAN, SPEC.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

15	9 of 22	WSW/213.6	63.9 / -5.21	RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2	GEN

Generator No: ON2406300
Status:
Approval Years: 98,99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 8652
SIC Description: PHYSICIAN, SPEC.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 | ***10 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***MDS Laboratory Services, L.P.***
RIVERSIDE PROFESSIONAL CENTRE 1919
RIVERSIDE DRIVE, #105
OTTAWA ON | ***GEN***

Generator No: ON0116768
Status:
Approval Years: 03,04,05
Contam. Facility:
MHSW Facility:
SIC Code: 621510
SIC Description: Medical & Diagnostic Laboratories

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 | ***11 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***1919 Riverside Drive***
Ottawa ON K1H 1A2 | ***EHS***

Order No: 20070524003
Status: C
Report Type: CAN - Custom Report
Report Date: 6/1/2007
Date Received: 5/24/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.25
X: -75.668704
Y: 45.397115

15 *12 of 22* *WSW/213.6* *63.9 / -5.21* ***BPC Ontario Labs LP*** ***RIVERSIDE PROFESSIONAL CENTRE 1919*** ***RIVERSIDE DRIVE, #105*** ***OTTAWA ON K1H 1A2*** ***GEN***

Generator No: ON0116768
Status:
Approval Years: 06
Contam. Facility:
MHSW Facility:
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

15 *13 of 22* *WSW/213.6* *63.9 / -5.21* ***LifeLabs LP*** ***RIVERSIDE PROFESSIONAL CENTRE 1919*** ***RIVERSIDE DRIVE, #105*** ***OTTAWA ON K1H 1A2*** ***GEN***

Generator No: ON0116768
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 ***14 of 22*** ***WSW/213.6*** ***63.9 / -5.21*** ***LIFELABS Inc.***
1919 Riverside Dr
Ottawa ON K1H 1A2 ***CA***

Certificate #: 7161-7H2HKZ
Application Year: 2008
Issue Date: 8/31/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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15 ***15 of 22*** ***WSW/213.6*** ***63.9 / -5.21*** ***Borealis Labs GP Inc.***
1919 Riverside Dr
Ottawa ON K1H 1A2 ***CA***

Certificate #: 8846-8DMRML
Application Year: 2011
Issue Date: 2/13/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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15 ***16 of 22*** ***WSW/213.6*** ***63.9 / -5.21*** ***LifeLabs LP***
RIVERSIDE PROFESSIONAL CENTRE 1919
RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON0116768
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 | ***17 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE OTTAWA ON K1H 1A2*** | ***GEN***

Generator No: ON2406300
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 541619
SIC Description: Other Management Consulting Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 | ***18 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***1919 Riverside Drive Ottawa ON K1H 1A2*** | ***EHS***

Order No: 20120213016
Status: C
Report Type: Standard Report
Report Date: 2/14/2012 11:13:42 AM
Date Received: 2/13/2012 11:11:22 AM
Previous Site Name:
Lot/Building Size: 18.28 Acres
Additional Info Ordered: Fire Insur. Maps and/or Site Plans;

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.668303
Y: 45.3973

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15 | ***19 of 22*** | ***WSW/213.6*** | ***63.9 / -5.21*** | ***LifeLabs LP RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105 OTTAWA ON K1H 1A2*** | ***GEN***

Generator No: ON0116768
Status:
Approval Years: 2010

PO Box No:
Country:
Choice of Contact:

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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15 ***20 of 22*** ***WSW/213.6*** ***63.9 / -5.21*** ***RIVERSIDE PROFESSIONAL CENTRE***
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON2406300 ***PO Box No:***
Status: ***Country:***
Approval Years: 2010 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 541619
SIC Description: Other Management Consulting Services

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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15 ***21 of 22*** ***WSW/213.6*** ***63.9 / -5.21*** ***LifeLabs LP***
RIVERSIDE PROFESSIONAL CENTRE 1919 RIVERSIDE DRIVE, #105
OTTAWA ON K1H 1A2 ***GEN***

Generator No: ON0116768 ***PO Box No:***
Status: ***Country:***
Approval Years: 2011 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 621510
SIC Description: Medical and Diagnostic Laboratories

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 114
Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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15 | **22 of 22** | **WSW/213.6** | **63.9 / -5.21** | **RIVERSIDE PROFESSIONAL CENTRE**
1919 RIVERSIDE DRIVE
OTTAWA ON K1H 1A2 | **GEN**

Generator No: ON2406300
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541619
SIC Description: Other Management Consulting Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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16 | **1 of 3** | **NNE/219.8** | **67.7 / -1.39** | **PRIVATE BUSINESS**
FAIRVIEW APTS, 1833 OLD RIVERSIDE DR,
OTTAWA. GOLDKEY MANAGEMENT CORP.
STORAGE TANK
OTTAWA CITY ON | **SPL**

Ref No: 111901
Site No:
Incident Dt: 4/12/1995
Year:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND / WATER
Receiving Env:

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

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

MOE Response:		**Easting:**	CITY OTTAWA WORKS
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/12/1995	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	STORM/FLOOD/WIND	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	GOLD KEY MANAGMNT-UNK QTY FUEL OIL TO GND & SEWR. WD & GOLD KEY CLEANING.		
Contaminant Qty:			

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16 | ***2 of 3*** | ***NNE/219.8*** | ***67.7 / -1.39*** | ***1833 Riverside Drive Ottawa ON*** | ***EHS***

Order No:	20110912004	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	9/16/2011	**Search Radius (km):**	0.25
Date Received:	9/12/2011 8:43:21 AM	**X:**	-75.666775
Previous Site Name:		**Y:**	45.400073
Lot/Building Size:			
Additional Info Ordered:			

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16 | ***3 of 3*** | ***NNE/219.8*** | ***67.7 / -1.39*** | ***Minto 1833 Riverside dr Ottaw ON*** | ***GEN***

Generator No:	ON4132915	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	531111		
SIC Description:			

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17 | ***1 of 1*** | ***SSW/221.4*** | ***68.9 / -0.21*** | ***1967 RIVERSIDE DR. OTTAWA ON*** | ***WWIS***

Well ID:	7176919	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	2/17/2012
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z138899	**Owner:**	
Tag:	A123758	**Street Name:**	1967 RIVERSIDE DR.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7176919.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/12/12
Year Completed:	2011
Depth (m):	4.26
Latitude:	45.3962378690694
Longitude:	-75.668083530782
Path:	717\7176919.pdf

Bore Hole Information

Bore Hole ID:	1003693825	***Elevation:***	68.663688
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	447709.00
Code OB Desc:		***North83:***	5027186.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	12-Dec-2011 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004092502
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	01
Mat2 Desc:	FILL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	4.260000228881836
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004092510
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004092511
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004092512
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.26000022888184
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1004092509
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1004092501
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004092505
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	-1
Depth To:	1.22000002861023
Casing Diameter:	4.03000020980835
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004092506
Layer:	1
Slot:	10
Screen Top Depth:	1.22000002861023
Screen End Depth:	4.26000022888184
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82000017166138

Water Details

Water ID:	1004092504
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1004092503
Diameter:	8.25

Depth From:	0.0
Depth To:	4.260000228881836
Hole Depth UOM:	m
Hole Diameter UOM:	cm

18 **1 of 1** **SSW/224.3** **68.9 / -0.21** **1967 RIVERSIDE DRIVE**
Ottawa ON **WWIS**

Well ID:	7121084	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	3/30/2009
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	5
Audit No:	M04544	**Owner:**	
Tag:	A074603	**Street Name:**	1967 RIVERSIDE DRIVE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7121084.pdf

Additional Detail(s) (Map)

Well Completed Date:	2009/01/30
Year Completed:	2009
Depth (m):	
Latitude:	45.3961898754587
Longitude:	-75.6685940155663
Path:	712\7121084.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7121084.pdf

Additional Detail(s) (Map)

Well Completed Date:	2009/01/29
Year Completed:	2009
Depth (m):	3.8
Latitude:	45.3962465708412
Longitude:	-75.6681347384093
Path:	712\7121084.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7121084.pdf

Additional Detail(s) (Map)

Well Completed Date:	2009/01/30
Year Completed:	2009
Depth (m):	
Latitude:	45.3962108670084
Longitude:	-75.6680832125889
Path:	712\7121084.pdf

Bore Hole Information

Bore Hole ID:	1002036077	***Elevation:***	68.485389
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	447705.00
Code OB Desc:		***North83:***	5027187.00
Open Hole:	No	***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	29-Jan-2009 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002751363
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.699999988079071
Formation End Depth:	3.799999952316284
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002751362
Layer:	1
Color:	2
General Color:	GREY
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	0.699999988079071
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1002751365
Layer:	1
Plug From:	0.300000011920929
Plug To:	1.29999995231628
Plug Depth UOM:	m

Method of Construction & Well

Use

Method Construction ID: 1002751368
Method Construction Code: F
Method Construction: H.S.A.
Other Method Construction:

Pipe Information

Pipe ID: 1002751360
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1002751366
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.80000019073486

Results of Well Yield Testing

Pump Test ID: 1002751361
Pump Set At:
Static Level: 2.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002751364
Diameter: 20.0
Depth From: 0.0
Depth To: 3.859999895095825
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002751342
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Elevation: 67.761970
Elevrc:
Zone: 18
East83: 447669.00
North83: 5027181.00
Org CS: UTM83

Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	30-Jan-2009 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002751346
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002751345
Method Construction Code:	
Method Construction:	
Other Method Construction:	HSA

Pipe Information

Pipe ID:	1002751347
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002751349
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	1
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002751348
Layer:	
Slot:	
Screen Top Depth:	1
Screen End Depth:	2.09999990463257
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002751350

Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002751344
Diameter: 20.0
Depth From:
Depth To: 2.0999999046325684
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002751351
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 30-Jan-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 68.730850
Elevrc:
Zone: 18
East83: 447709.00
North83: 5027183.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002751355
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002751354
Method Construction Code:
Method Construction:
Other Method Construction: HSA

Pipe Information

Pipe ID: 1002751356
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002751358
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 1.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002751357
Layer:
Slot:
Screen Top Depth: 1.5
Screen End Depth: 3.59999990463257
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002751359
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002751353
Diameter: 20.0
Depth From:
Depth To: 3.5999999046325684
Hole Depth UOM: m
Hole Diameter UOM: cm

---

19 ***1 of 1*** ***SE/224.6*** ***74.6 / 5.51*** ***ON*** ***BORE***

Borehole ID: 613043 ***Inclin FLG:*** No
OGF ID: 215514348 ***SP Status:*** Initial Entry

Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.396486
Total Depth m:	-999	**Longitude DD:**	-75.666021
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	447871
Drill Method:		**Northing:**	5027212
Orig Ground Elev m:	70.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	73.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393462	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218393463	**Mat Consistency:**	
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. AL. SAND. BEDROCK. GREY,SOUND. BEDROCK. GREY,PARTINGS. 00000012032 00 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 055510 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	SSW/226.2	70.0 / 0.88	1967 RIVERSIDE DR. lot 15 OTTAWA ON	WWIS

Well ID: 7176920
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z138898
Tag: A123743
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 2/17/2012
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1967 RIVERSIDE DR.
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 015
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7176920.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/12/12
Year Completed: 2011
Depth (m): 4.26
Latitude: 45.3961843132762
Longitude: -75.6680062421356
Path: 717\7176920.pdf

Bore Hole Information

Bore Hole ID: 1003697006
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Dec-2011 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 69.017677
Elevrc:
Zone: 18
East83: 447715.00
North83: 5027180.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004092536
Layer: 1
Color: 2
General Color: GREY
Mat1: 11

Most Common Material: GRAVEL
Mat2: 01
Mat2 Desc: FILL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 4.260000228881836
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004092544
Layer: 1
Plug From: 0
Plug To: 0.310000002384186
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004092545
Layer: 2
Plug From: 0.310000002384186
Plug To: 1.22000002861023
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004092546
Layer: 3
Plug From: 1.22000002861023
Plug To: 4.26000022888184
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004092543
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1004092535
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004092539
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: -1
Depth To: 1.22000002861023
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm

Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004092540
Layer: 1
Slot: 10
Screen Top Depth: 1.22000002861023
Screen End Depth: 4.26000022888184
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82000017166138

Water Details

Water ID: 1004092538
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004092537
Diameter: 8.25
Depth From: 0.0
Depth To: 4.260000228881836
Hole Depth UOM: m
Hole Diameter UOM: cm

---

21 | ***1 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***RIVERSIDE HOSPITAL OF OTTAWA***
1967 RIVERSIDE DRIVE
OTTAWA CITY ON K1H 7W9 | ***CA***

Certificate #: 8-4091-88-
Application Year: 88
Issue Date: 6/21/1990
Approval Type: Industrial air
Status: Approved in 1990
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: RELOC. CHEMOTHERAPY PREP. HOOD
Contaminants:
Emission Control:

---

21 | ***2 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***HEALTH DEVELOPMENT SERVICES INC.-RIVERSI***
1967 RIVERSIDE DR./HOSPITAL
OTTAWA CITY ON K1H 7W9 | ***CA***

Certificate #: 3-1224-90-
Application Year: 90
Issue Date: 7/10/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

21 | 3 of 34 | SSW/239.2 | 67.9 / -1.15 | RIVERSIDE HOSPITAL OF OTTAWA
1967 RIVERSIDE DRIVE
OTTAWA CITY ON K1H 7W9 | CA

Certificate #: 8-4012-89-
Application Year: 89
Issue Date: 4/25/1990
Approval Type: Industrial air
Status: Approved in 1990
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: METHANE GAS INTERCEPTOR SYSTEM
Contaminants: Odour/Fumes, Manganese
Emission Control: No Controls

---

21 | 4 of 34 | SSW/239.2 | 67.9 / -1.15 | RIVERSIDE HOSPITAL OF OTTAWA
1967 RIVERSIDE DRIVE
OTTAWA CITY ON K1H 7W9 | CA

Certificate #: 8-4197-96-
Application Year: 96
Issue Date: 11/28/1996
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL 3 NEW DUAL FUEL NAT.GAS BOILERS
Contaminants:
Emission Control:

---

21 | 5 of 34 | SSW/239.2 | 67.9 / -1.15 | PRIVATE OWNER
1967 RIVERSIDE DR, BOILER ROM (RIVERSIDE BRANCH OF OTTAWA HOSPITAL) STORAGE TANK/BARREL
OTTAWA CITY ON K1H 7W9 | SPL

Ref No: 222062
Site No:
Incident Dt: 2/25/2002
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:

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

Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2/25/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OTTAWA HOSPITAL: LEAK OF DIESEL UNDER CONCRETE FLOOR. INVESTIGATING.		
Contaminant Qty:			

---

21 **6 of 34** **SSW/239.2** **67.9 / -1.15** **OTTAWA, CITY OF** **SPL**
1967 RIVERSIDE DR RIVERSIDE HOSPITAL,
1967 RIVERSIDE DR
OTTAWA CITY ON K1H 7W9

Ref No:	222835	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	3/8/2002	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	PIPE/HOSE LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	NOT ANTICIPATED	**Site Municipality:**	20107
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	3/8/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	RIVERSIDE HOSPITAL:BROKEN FUEL SUPPLY LINE. UKN QTY TO FLOOR/SUMP.		
Contaminant Qty:			

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21 **7 of 34** **SSW/239.2** **67.9 / -1.15** **OTTAWA HOSPITAL - RIVERSIDE CAMPUS** **GEN**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	
Approval Years:	00,01	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	8611		
SIC Description:	GENERAL HOSPITALS		

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	8 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS 1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	GEN

Generator No: ON0242602
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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21 | ***9 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***RIVERSIDE HOSPITAL OF OTTAWA***
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | ***GEN***

Generator No: ON0482500
Status:
Approval Years: 86,87,88,89
Contam. Facility:
MHSW Facility:
SIC Code: 8611
SIC Description: GENERAL HOSPITALS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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21 | ***10 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***RIVERSIDE HOSPITAL OF OTTAWA 33-115***
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | ***GEN***

Generator No: ON0482500
Status:

PO Box No:
Country:

Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8611
SIC Description: GENERAL HOSPITALS
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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21 | **11 of 34** | **SSW/239.2** | **67.9 / -1.15** | **RIVERSIDE HOSPITAL OF OTTAWA**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | **GEN**

Generator No: ON0482500
Status:
Approval Years: 97,98,99
Contam. Facility:
MHSW Facility:
SIC Code: 8611
SIC Description: GENERAL HOSPITALS
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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21 | **12 of 34** | **SSW/239.2** | **67.9 / -1.15** | **RIVERSIDE (SEE & USE ON0242602)**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | **GEN**

Generator No: ON0482500
Status:
Approval Years: 00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8611
SIC Description: GENERAL HOSPITALS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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21 | **13 of 34** | **SSW/239.2** | **67.9 / -1.15** | **The Ottawa Hospital**
1967 Riverside Dr
Ottawa ON K1H 7W9 | **CA**

Certificate #: 6970-7YRSYH
Application Year: 2010
Issue Date: 1/24/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	14 of 34	SSW/239.2	67.9 / -1.15	The Ottawa Hospital 1967 Riverside Dr Ottawa ON K1H 7W9	CA

Certificate #:	8869-7XVJUQ
Application Year:	2009
Issue Date:	12/15/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	15 of 34	SSW/239.2	67.9 / -1.15	The Ottawa Hospital 1967 Riverside Dr Ottawa ON K1H 7W9	SPL

Ref No:	2613-8GKQ4G	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	5/5/2011	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:	n/a	**Nearest Watercourse:**	
Contaminant Name:	Other	**Site Address:**	1967 Riverside Dr
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	5026990
MOE Response:	No Field Response	**Easting:**	447493
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	5/5/2011	**Site Map Datum:**	
Dt Document Closed:	5/17/2011	**SAC Action Class:**	Watercourse Spills
Incident Reason:		**Source Type:**	
Site Name:	The Ottawa Hospital - Riverside Campus		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa Hospital: 200L spill of water/moly klenz to sani		
Contaminant Qty:	200 L		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	16 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS 1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	GEN

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	622111		
SIC Description:	General (except Paediatric) Hospitals		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS

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21 ***17 of 34*** ***SSW/239.2*** ***67.9 / -1.15*** ***1967 Riverside Dr Ottawa ON K1H 7W9*** ***EHS***

Order No:	20120222001	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	3/1/2012 9:03:47 AM	***Search Radius (km):***	0.45
Date Received:	2/22/2012 9:01:04 AM	***X:***	-75.669087
Previous Site Name:		***Y:***	45.394691
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans;		

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21 ***18 of 34*** ***SSW/239.2*** ***67.9 / -1.15*** ***STEVE M MEYNELL 1967 RIVERSIDE DR,,OTTAWA,ON,K1H 7W9,CA ON*** ***VAR***

Incident No:	682090	**Item Instance:**	NULL
Status:	Variance Approved	**Incident Type:**	FS-Variance
Incident Reported Dt:	11/3/2011	**Aband USTs:**	Abandon UST
Incident Created On:	11/3/2011		

21 | **19 of 34** | **SSW/239.2** | **67.9 / -1.15** | **THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | **GEN**

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	622111		
SIC Description:	General (except Paediatric) Hospitals		

Detail(s)

Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	20 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS 1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	GEN

Generator No: ON0242602
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 622111
SIC Description: General (except Paediatric) Hospitals

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

21	21 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL/L'HOPITAL D'OTTAWA 1967 RIVERSIDE DR OTTAWA ON K1H 7W9	EASR

Approval No:	R-003-3387715515	**SWP Area Name:**	
Status:	REGISTERED	**MOE District:**	
Date:	2013-11-18	**Municipality:**	OTTAWA
Record Type:	EASR	**Latitude:**	45.39638889
Link Source:	MOFA	**Longitude:**	75.66861111
Project Type:	Heating System	**Geometry X:**	
Full Address:		**Geometry Y:**	
Approval Type:	EASR-Heating System		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=6521		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	22 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS 1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	GEN

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	622111		
SIC Description:	General (except Paediatric) Hospitals		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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

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21 **23 of 34** **SSW/239.2** **67.9 / -1.15** **1967 Riverside Drive Ottawa ON** **SPL**

Ref No: 5674-9AMVVC
Site No:
Incident Dt: 2013/08/16
Year:
Incident Cause: Operator/Human error
Incident Event:
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 2013/08/16
Dt Document Closed:
Incident Reason: Road Conditions
Site Name: spill<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Fuel spill to sewer, cleaning
Contaminant Qty: 10 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Sewer (Private or Municipal)
Agency Involved:
Nearest Watercourse:
Site Address: 1967 Riverside Drive
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills
Source Type:

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21 **24 of 34** **SSW/239.2** **67.9 / -1.15** **Strivetech Elevator Services Inc.
1967 Riverside Drive
Ottawa ON** **GEN**

Generator No: ON5023799
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 238291
SIC Description: ELEVATOR AND ESCALATOR INSTALLATION CONTRACTORS

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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21 **25 of 34** **SSW/239.2** **67.9 / -1.15** **THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS
1967 RIVERSIDE DRIVE
OTTAWA ON** **GEN**

Generator No: ON0242602
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

SIC Code: 622111
SIC Description: GENERAL (EXCEPT PAEDIATRIC) HOSPITALS

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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21 | ***26 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***The Ottawa Hospital 1967 Riverside Dr Ottawa ON K1Y 4E9*** | ***ECA***

Approval No: 8869-7XVJUQ
Approval Date: 2009-12-15
Status: Approved
Record Type: ECA
MOE District: Ottawa
City:
Longitude: -75.670906
Latitude: 45.394566

Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	The Ottawa Hospital		
Address:	1967 Riverside Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5756-7CWPER-14.pdf		

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21 | ***27 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***The Ottawa Hospital***
1967 Riverside Dr
Ottawa ON K1H 7W9 | ***ECA***

Approval No:	6970-7YRSYH	**MOE District:**	Ottawa
Approval Date:	2010-01-24	**City:**	
Status:	Approved	**Longitude:**	-75.670906
Record Type:	ECA	**Latitude:**	45.394566
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	The Ottawa Hospital		
Address:	1967 Riverside Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8347-7LBRNE-14.pdf		

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21 | ***28 of 34*** | ***SSW/239.2*** | ***67.9 / -1.15*** | ***THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS***
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | ***GEN***

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2016	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	Robert Forget
MHSW Facility:	No	**Phone No Admin:**	613-798-5555 Ext.14242
SIC Code:	622111		
SIC Description:	GENERAL (EXCEPT PAEDIATRIC) HOSPITALS		

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES

Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS

21 | **29 of 34** | **SSW/239.2** | **67.9 / -1.15** | **THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | **GEN**

Generator No:	ON0242602	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2015	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	Robert Forget
MHSW Facility:	No	**Phone No Admin:**	613-798-5555 Ext.14242
SIC Code:	622111		
SIC Description:	GENERAL (EXCEPT PAEDIATRIC) HOSPITALS		

Detail(s)

Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	268
Waste Class Desc:	AMINES
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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21 | **30 of 34** | **SSW/239.2** | **67.9 / -1.15** | **THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS**
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9 | **GEN**

Generator No: ON0242602
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 622111
SIC Description: GENERAL (EXCEPT PAEDIATRIC) HOSPITALS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Robert Forget
Phone No Admin: 613-798-5555 Ext.14242

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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21 ***31 of 34*** ***SSW/239.2*** ***67.9 / -1.15*** ***Strivetech Elevator Services Inc.*** ***GEN***
1967 Riverside Drive
Ottawa ON K1H 7W9

Generator No: ON5023799
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 238291
SIC Description: ELEVATOR AND ESCALATOR INSTALLATION CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Bryan Young
Phone No Admin: 6133661649 Ext.

Detail(s)

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

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21 ***32 of 34*** ***SSW/239.2*** ***67.9 / -1.15*** ***THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS*** ***GEN***
1967 RIVERSIDE DRIVE
OTTAWA ON K1H 7W9

Generator No: ON0242602
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class:	112 B
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	113 C
Waste Class Desc:	Acid solutions - containing other metals and non-metals
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	122 B
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 H
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	252 T
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	261 B
Waste Class Desc:	Pharmaceuticals
Waste Class:	263 A
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

Waste Class: 268 C
Waste Class Desc: Amines

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 331 A
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

21	33 of 34	SSW/239.2	67.9 / -1.15	THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS 1967 RIVERSIDE DRIVE OTTAWA ON K1H 7W9	GEN

Generator No: ON0242602
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 148 B
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

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

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 112 B
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

Waste Class: 268 C
Waste Class Desc: Amines

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	252 T
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	331 A
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	212 H
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	113 C
Waste Class Desc:	Acid solutions - containing other metals and non-metals
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	122 B
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	261 B
Waste Class Desc:	Pharmaceuticals

21	***34 of 34***	***SSW/239.2***	***67.9 / -1.15***	***THE OTTAWA HOSPITAL - RIVERSIDE CAMPUS*** ***1967 RIVERSIDE DRIVE*** ***OTTAWA ON K1H 7W9***	***GEN***

Generator No:	ON0242602	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Apr 2021	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	148 A
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 H
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	261 B
Waste Class Desc:	Pharmaceuticals
Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	211 H
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	122 B
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	252 T
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	331 A
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	263 A
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	263 L
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	268 C
Waste Class Desc:	Amines
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	113 C
Waste Class Desc:	Acid solutions - containing other metals and non-metals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	212 I

Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	112 B
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	263 B
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	264 T
Waste Class Desc:	Photoprocessing wastes
Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes

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22 | **1 of 1** | **SW/239.3** | **65.7 / -3.34** | **R.M. OF OTTAWA-CARLETON SMYTH ROAD RIVERSIDE HOSPITAL ENTRANCE OTTAWA CITY ON** | **CA**

Certificate #:	3-0412-89-
Application Year:	89
Issue Date:	3/22/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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23 | **1 of 1** | **SE/242.2** | **74.5 / 5.40** | **2178646 Ontario Inc. 90 Roger Guidon Ave Ottawa ON K2E 6T8** | **ECA**

Approval No:	4245-8KEKLJ	**MOE District:**	Ottawa
Approval Date:	2011-08-04	**City:**	
Status:	Approved	**Longitude:**	-75.639114
Record Type:	ECA	**Latitude:**	45.40086
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	2178646 Ontario Inc.		
Address:	90 Roger Guidon Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0070-8FXLR4-14.pdf		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	W/247.4	58.9 / -10.21	1960 RIVERSIDE DR lot 1 con 4 OTTAWA ON	WWIS

Well ID: 1536664
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z45864
Tag: A019066
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/7/2006
Selected Flag: True
Abandonment Rec:
Contractor: 6964
Form Version: 3
Owner:
Street Name: 1960 RIVERSIDE DR
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 001
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536664.pdf

Additional Detail(s) (Map)

Well Completed Date: 2006/08/10
Year Completed: 2006
Depth (m): 5.5
Latitude: 45.3987433858541
Longitude: -75.6706173173232
Path: 153\1536664.pdf

Bore Hole Information

Bore Hole ID: 11691758
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 10-Aug-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 58.868797
Elevrc:
Zone: 18
East83: 447513.00
North83: 5027466.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 933070641
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06

Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933070642
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 4.099999904632568
Formation End Depth: 5.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933302001
Layer: 1
Plug From: 0
Plug To: 0.800000011920929
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961536664
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11696624
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930886767
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.10000002384186
Casing Diameter: 5.19999980926514
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	933420728
Layer:	1
Slot:	10
Screen Top Depth:	1.10000002384186
Screen End Depth:	5.5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6

Hole Diameter

Hole ID:	11755306
Diameter:	20.0
Depth From:	0.0
Depth To:	5.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 119 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Communities Inc.	Part 3, RP 4R-7806, Ward (2), Orleans	Ottawa ON	
CA	Minto Land Development Corporation		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	City of Ottawa	Old Riverside Dr Cul-de-sac	Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Melron Property Enterprises Inc.	Part of Lot 15 Junction Gore	Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	

CA	City of Ottawa	Part of Lot 15, Gore Junction	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Communities Inc.		Ottawa ON
CA	Minto Developments Inc.	Neighbourhood 2 - Avalon (Stage 6-A1)	Ottawa ON
CA	City of Ottawa	Old Riverside Dr	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON

CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA		Balmoral Ave from Riverside to C.N. Rail	Ottawa ON	
CA		Smyth Road	Ottawa ON	
CA		Smyth Road	Ottawa ON	
CA		Smyth Road	Ottawa ON	
CA	CAMPEAU CORP.	RIVERSIDE DR.	OTTAWA ON	
CA	CAMPEAU CORP.	RIVERSIDE DR.	OTTAWA ON	
CA	ASELFORD MARTIN-BRAMALEA LTD.	OLD RIVERSIDE DRIVE	OTTAWA CITY ON	
CA	PEREZ CORPORATION	STREET NO. 1 RIVERSIDE DR.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARL.S.E. TRANSITWAY ST. 1	E. SIDE OF RIVERSIDE DR.	OTTAWA CITY ON	
CA	T.C. ASSALY CORP. LTD.	OLD RIVERSIDE	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON S.E. TRANSITWAY	SMYTH RD TO RIVERSIDE HOSPITAL	OTTAWA CITY ON	
CA	ASELFORD MARTIN-BRAMALEA LTD.	OLD RIVERSIDE DRIVE	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON STAGE 1	OLD RIVERSIDE DR.SE TRANSITWAY	OTTAWA CITY ON	
CA	J.M. OF OTTAWA-CARLETON TRANSPORTATION	SMYTH RD. UNDERPASS TRANSITWAY	OTTAWA CITY ON	
CA	J. PEREZ CORPORATION STM MGN. 3-0842-87	STREET #1 RIVERSIDE DR.	OTTAWA CITY ON	
EBR	Minto Communities		ON	
EBR	Minto Communities Inc.	Ottawa, Ontario CITY OF OTTAWA	ON	
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6

ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.	(Ottawa Front)	Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.	(Ottawa Front)	Ottawa ON	K1P 0B6
ECA	City of Ottawa	Main St	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Balmoral Ave from Riverside to C.N. Rail	Ottawa ON	K1N 5A1
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	City of Ottawa	Old Riverside Dr	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Riverside Drive	Ottawa ON	K1S 5K2
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	City of Ottawa	Part of Lot 15, Gore Junction	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6

GEN	TEXACO CANADA INC.	PL M108, PTBL. A, RIVERSIDE PARK SOUTH	OTTAWA ON	K1S 2R8
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA18-229	SIR CHARLES TUPPER BUILDING CONFEDERATION HEIGHTS, RIVERSIDE DRIVE	OTTAWA ON	
GEN	PUBLIC WORKS CANADA	SIR CHARLES TUPPER BUILDING CONFEDERATION HEIGHTS- RIVERSIDE DRIVE	OTTAWA ON	
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	HURDMAN'S BRIDGE, PUMPING STATION RIVERSIDE DRIVE	OTTAWA ON	
GEN	GVT. OF CAN. - PUBLIC WORKS CANADA	REPROGRAPHIC SERVICES TUPPER BLDG. RIVERSIDE DRIVE	OTTAWA ON	K1A 0M2
HINC		MINTO AVALON CONSTRUCTION SITE [OFF OF HARVEST VALLEY]	OTTAWA ON	
NDFT		MAIN STREET	ON	
PTTW	Minto Communities Inc.		ON	
PTTW	Minto Communities Inc.		ON	
SPL	ULTRAMAR	RIVERSIDE DRIVE AT TRANSIT WAY (NEAR POST OFFICE) TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	UNKNOWN	INTERSECTION OF MAIN ST. AND POOL CREEK	OTTAWA CITY ON	
SPL	Enbridge Gas Distribution Inc.	Main St	Ottawa ON	
SPL	POWELL FUELS	RIDEAU VALLEY MIDDLE SCHOOL, MAIN ST., KARS TANK TRUCK (CARGO)	OTTAWA-CARLETON R. M. ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	
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WWIS	lot 15	ON
WWIS	lot 15	ON
WWIS	lot 15	ON
WWIS	lot 15	ON
WWIS	lot 15	ON

Unplottable Report

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Communities Inc.***
Part 3, RP 4R-7806, Ward (2), Orleans Ottawa ON

Database: ***CA***

Certificate #: 9811-856NNC
Application Year: 2010
Issue Date: 5/7/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Land Development Corporation***
Ottawa ON

Database: ***CA***

Certificate #: 9730-5Y8KQT
Application Year: 2004
Issue Date: 4/20/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 9152-65XHVP
Application Year: 2004

Issue Date: 10/21/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7788-6XDSAP
Application Year: 2007
Issue Date: 1/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7355-6M4TMP
Application Year: 2006
Issue Date: 2/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7163-5SYQ3M
Application Year: 2003
Issue Date: 11/14/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7043-6P2REB
Application Year: 2006
Issue Date: 4/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6733-5NSKZ9
Application Year: 2003
Issue Date: 6/23/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Old Riverside Dr Cul-de-sac Ottawa ON

Database: ***CA***

Certificate #: 6542-78RS8Z
Application Year: 2007
Issue Date: 11/15/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6380-6JGQ7B
Application Year: 2005
Issue Date: 12/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Melron Property Enterprises Inc.***
Part of Lot 15 Junction Gore Ottawa ON

Database: ***CA***

Certificate #: 6154-5JWM4C
Application Year: 2003
Issue Date: 2/24/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6002-7DAKG9
Application Year: 2008
Issue Date: 4/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5840-6NRNJD

Application Year: 2006
Issue Date: 5/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Part of Lot 15, Gore Junction Ottawa ON

Database: ***CA***

Certificate #: 5759-6BUQTB
Application Year: 2005
Issue Date: 5/16/2005
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 4309-6VTJMR
Application Year: 2006
Issue Date: 12/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 4208-6J7J5T
Application Year: 2005
Issue Date: 11/17/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3403-5MAJ6D
Application Year: 2003
Issue Date: 5/9/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3360-7H3RCS
Application Year: 2008
Issue Date: 8/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Communities Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3058-7JZKTF
Application Year: 2008
Issue Date: 10/7/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Neighbourhood 2 - Avalon (Stage 6-A1) Ottawa ON

Database: ***CA***

Certificate #: 3023-5LEL78
Application Year: 2003
Issue Date: 4/10/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Old Riverside Dr Ottawa ON

Database: ***CA***

Certificate #: 2976-87RNMF
Application Year: 2010
Issue Date: 8/23/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1530-6QQL2J
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1297-6SPJ46
Application Year: 2006
Issue Date: 8/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1168-67AKKL
Application Year: 2004
Issue Date: 12/7/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
Approval Type: Municipal and Private Sewage Works

Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 0523-7EVPTJ
Application Year: 2008
Issue Date: 8/21/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Balmoral Ave from Riverside to C.N. Rail Ottawa ON

Database: ***CA***

Certificate #: 7411-4TBRTJ
Application Year: 01
Issue Date: 1/29/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Construction of sanitary sewers on Balmoral Ave
Contaminants:
Emission Control:

Site:
Smyth Road Ottawa ON

Database: ***CA***

Certificate #: 8774-4TVLJM
Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Canada Lands Company CLC Limited
Client Address: Rockliffe, Project Office, Building 164, West Wing
Client City: Ottawa
Client Postal Code: K1A 0K4
Project Description: Construction of watermains
Contaminants:
Emission Control:

Site:
Smyth Road Ottawa ON

Database: ***CA***

Certificate #: 2575-4TVLEP
Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Canada Lands Company CLC Limited
Client Address: Rockliffe, Project Office, Building 164, West Wing
Client City: Ottawa
Client Postal Code: K1A 0K4
Project Description: Construction of storm and sanitary sewers
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Smyth Road Ottawa ON

Certificate #: 4780-4UKSER
Application Year: 01
Issue Date: 3/7/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Canada Lands Company CLC Limited
Client Address: Rockliffe, Project Office, Building 164, West Wing
Client City: Ottawa
Client Postal Code: K1A 0K4
Project Description: This application is for a Certificate of Approval for a stormwater management wet pond to control off site flow levels.
Contaminants:
Emission Control:

Site: ***CAMPEAU CORP.*** ***Database:*** ***CA***
RIVERSIDE DR. OTTAWA ON

Certificate #: 7-0165-85-006
Application Year: 85
Issue Date: 3/29/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CAMPEAU CORP.*** ***Database:*** ***CA***
RIVERSIDE DR. OTTAWA ON

Certificate #: 3-0118-85-006
Application Year: 85
Issue Date: 3/1/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: ***ASELFORD MARTIN-BRAMALEA LTD.***
OLD RIVERSIDE DRIVE OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0062-91-
Application Year: 91
Issue Date: 2/11/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PEREZ CORPORATION***
STREET NO. 1 RIVERSIDE DR. OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0478-87-
Application Year: 87
Issue Date: 5/5/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARL.S.E.TRANSITWAY ST. 1***
E. SIDE OF RIVERSIDE DR. OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0818-89-
Application Year: 89
Issue Date: 5/29/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***T.C. ASSALY CORP. LTD.***
OLD RIVERSIDE OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-1691-88-
Application Year: 88
Issue Date: 10/24/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON S.E. TRANSITWAY***
SMYTH RD TO RIVERSIDE HOSPITAL OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0435-89-
Application Year: 89
Issue Date: 3/22/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ASELFORD MARTIN-BRAMALEA LTD.***
OLD RIVERSIDE DRIVE OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0081-91-
Application Year: 91
Issue Date: 2/11/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON STAGE 1***
OLD RIVERSIDE DR.SE TRANSITWAY OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1241-89-
Application Year: 89
Issue Date: 6/28/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***J.M. OF OTTAWA-CARLETON TRANSPORTATION***
SMYTH RD. UNDERPASS TRANSITWAY OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0593-89-
Application Year: 89

Issue Date: 4/19/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***J. PEREZ CORPORATION STM MGN. 3-0842-87***
STREET #1 RIVERSIDE DR. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0563-87-
Application Year: 87
Issue Date: 5/5/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Communities***
ON

Database: ***EBR***

EBR Registry No: 019-2808
Ministry Ref No: KV-C-001-19
Notice Type: Instrument
Notice Stage: Decision
Notice Date:
Proposal Date: December 4, 2020
Year: 2020
Decision Posted: February 26, 2021
Exception Posted:
Section: Section 17 (2) (c)
Act 1: Endangered Species Act , R.S.O. 2007
Act 2: Endangered Species Act, 2007
Site Location Map:
Instrument Type: Permit for activities to achieve an overall benefit to a species
Off Instrument Name: Permit for activities with conditions to achieve overall benefit to the species (ESA s.17(2) (c))
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address:
Location Other:
Proponent Name: Minto Communities
Proponent Address: Minto Communities
180 Kent Street
Unit 200
Ottawa,
ON
K1P 0B6
Canada
Comment Period: December 4, 2020 - January 3, 2021 (30 days) Closed
URL: https://ero.ontario.ca/notice/019-2808

Site Location Details:

Part of Lot 12, Concession 4, Township of March, Ottawa

Site: ***Minto Communities Inc.***
Ottawa, Ontario CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 013-0315
Decision Posted:

Ministry Ref No: MNRF INST 30/17
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 28, 2017
Proposal Date: April 10, 2017
Year: 2017
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Minto Communities Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6
Comment Period:
URL:

Site Location Details:

Ottawa, Ontario CITY OF OTTAWA

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 1554-8Y2HZ6
Approval Date: 2012-09-14
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1100-8WTMSY-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 3053-8YJNWU
Approval Date: 2012-10-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1397-8XNJGH-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 0195-95LSVA
Approval Date: 2013-03-22
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1964-8XNJA4-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7202-97BLB4
Approval Date: 2013-05-23
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4553-95ZKWJ-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7971-9EAST8
Approval Date: 2014-01-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7322-9E4LGN-14.pdf

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Site: ***Minto Communities Inc.***
(Ottawa Front) Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 1810-9L6SH8
Approval Date: 2014-06-27
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address: (Ottawa Front)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6653-9KSHJ5-14.pdf

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Site: ***Minto Communities Inc.***
(Ottawa Front) Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 6097-9N5HW9
Approval Date: 2014-08-22
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address: (Ottawa Front)
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9823-9MRHMN-14.pdf

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Site: ***City of Ottawa***
Main St Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 7237-9TLVP8
Approval Date: 2015-04-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Main St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3884-9SJT8A-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 8270-A3ZLU2
Approval Date: 2015-11-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8185-A3PRB5-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7661-ABCKQL
Approval Date: 2016-06-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5664-AB4KGV-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 0606-AHXJCH
Approval Date: 2017-02-02
Status: Approved
Record Type: ECA
Link Source: IDS
MOE District:
City:
Longitude:
Latitude:
Geometry X:

SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4552-AHSJ74-14.pdf

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Site: ***City of Ottawa***
Balmoral Ave from Riverside to C.N. Rail Ottawa ON K1N 5A1

Database: ***ECA***

Approval No: 7411-4TBRTJ ***MOE District:***
Approval Date: 2001-01-29 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Balmoral Ave from Riverside to C.N. Rail
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7514-4TAPJ7-14.pdf

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Site: ***Minto Developments Inc.***
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 4490-5SYQAN ***MOE District:***
Approval Date: 2003-11-14 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Minto Developments Inc.
Address:
Full Address:
Full PDF Link:

Site: ***City of Ottawa***
Old Riverside Dr Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 9083-9QCH89 ***MOE District:***
Approval Date: 2015-05-22 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Old Riverside Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2619-9L7RD9-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 2268-9WYR3F ***MOE District:***
Approval Date: 2015-06-08 ***City:***
Status: Approved ***Longitude:***
Record Type: ECA ***Latitude:***

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Minto Communities Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3873-9WWLDY-14.pdf		

Site: ***City of Ottawa***
Riverside Drive Ottawa ON K1S 5K2

Database: ***ECA***

Approval No:	6330-5XEKCD	***MOE District:***	
Approval Date:	2004-03-29	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Business Name:	City of Ottawa		
Address:	Riverside Drive		
Full Address:			
Full PDF Link:			

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	8813-9WYQ2J	***MOE District:***	
Approval Date:	2015-06-08	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Minto Communities Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4625-9WXRTA-14.pdf		

Site: ***Minto Developments Inc.***
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No:	7163-5SYQ3M	***MOE District:***	
Approval Date:	2003-11-14	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Minto Developments Inc.		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2997-5SKKCW-14.pdf		

Site: ***City of Ottawa***
Part of Lot 15, Gore Junction Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	5759-6BUQTB	***MOE District:***	
Approval Date:	2005-05-16	***City:***	
Status:	Approved	***Longitude:***	

Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: City of Ottawa
Address: Part of Lot 15, Gore Junction
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4860-69FSV9-14.pdf
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7598-94TRX3
Approval Date: 2013-02-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2553-8VDQUF-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 1720-AKJGKQ
Approval Date: 2017-03-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1769-AKEQQZ-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 3128-AQGJ6T
Approval Date: 2017-08-23
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4569-AQCRKJ-14.pdf
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 8605-AYUHJG
Approval Date: 2018-05-30
MOE District:
City:

Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7723-AYKNXD-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	6142-BEJHCE	***MOE District:***	
Approval Date:	2019-08-01	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0892-BDSKVQ-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	3002-8PBSB4	***MOE District:***	
Approval Date:	2012-01-31	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Communities Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6465-8NETCD-14.pdf

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Site: ***TEXACO CANADA INC.***
PL M108, PTBL. A, RIVERSIDE PARK SOUTH OTTAWA ON K1S 2R8

Database: ***GEN***

Generator No:	ON0005278	***PO Box No:***	
Status:		***Country:***	
Approval Years:	86,87,88,89	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	5111		

SIC Description: PETROLEUM PROD., WH.

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: ***GVT. OF CAN. - PUBLIC WORKS CANADA18-229***
SIR CHARLES TUPPER BUILDING CONFEDERATION HEIGHTS, RIVERSIDE DRIVE OTTAWA ON

Database: ***GEN***

Generator No:	ON0144720	***PO Box No:***	
Status:		***Country:***	

Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 8159
SIC Description: OTHER GEN. ADMIN.

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Desc: PCB'S

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

Site: ***PUBLIC WORKS CANADA***
SIR CHARLES TUPPER BUILDING CONFEDERATION HEIGHTS- RIVERSIDE DRIVE OTTAWA ON

Database: ***GEN***

Generator No: ON0144720
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8159
SIC Description: OTHER GEN. ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 243
Waste Class Desc: PCB'S

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

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Site: ***OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF***
HURDMAN'S BRIDGE, PUMPING STATION RIVERSIDE DRIVE OTTAWA ON

Database: ***GEN***

Generator No: ON0303122
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 8272
SIC Description: RES. CONS./IND. DEV.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Site: ***GVT. OF CAN. - PUBLIC WORKS CANADA***
REPROGRAPHIC SERVICES TUPPER BLDG. RIVERSIDE DRIVE OTTAWA ON K1A 0M2

Database: ***GEN***

Generator No: ON0144720
Status:

PO Box No:
Country:

Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8159
SIC Description: OTHER GEN. ADMIN.

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Site:
MINTO AVALON CONSTRUCTION SITE [OFF OF HARVEST VALLEY] OTTAWA ON

Database: ***HINC***

External File Num: FS INC 0903-01434
Fuel Occurrence Type:
Date of Occurrence:
Fuel Type Involved:
Status Desc: Completed - No Action Required
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:
Service Interruptions:
Property Damage:
Fuel Life Cycle Stage:
Root Cause:
Reported Details: Non-mandated. Advised that FS Inspector Dave Norman declined investigation due to off-site impact, u
Fuel Category: Liquid Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Site:
MAIN STREET ON

Database: ***NDFT***

Property Id: K6208
Base Name: CFB OTTAWA
Status: Tank no longer in service and removed
Status As Of: May 25, 2001
Tank Class: Bulk Storage (i.e. >45 000 litres)
Install Year: 1960
Tank Type: Aboveground Field-erected
Last Year Used: 1999
Tank Contents: Diesel
Capacity (L): 30

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No: 011-4898
Ministry Ref No: 3046-8MLKW5
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 17, 2014
Proposal Date: November 04, 2011
Year: 2011
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Minto Communities Inc.
Site Address:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Location Other:
Proponent Name:
Proponent Address: 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6
Comment Period:
URL:

Site Location Details:

Mahogany Community Development Address: Lot: Part of Lots 4 and 5, Concession: A (Broken Front), Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, UTM Easting: 446650, UTM Northing: 5007555, , LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: , Longitude: CITY OF OTTAWA

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No: 012-9800
Ministry Ref No: 5771-AJEJDR
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 06, 2017
Proposal Date: February 13, 2017
Year: 2017
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Minto Communities Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Avalon West Community Address: Lot: 3 & Part of Lot 4, Concession: 11, Geographic Township: CUMBERLAND, Ottawa, City District Office: Ottawa GeoReference: Zone: 18, UTM Easting: 461611, UTM Northing: 5032496, UTM Location Description: S1- Lot 3 Concession 11, Site #: 5712-AJEJLA CITY OF OTTAWA

Site: ***ULTRAMAR***
RIVERSIDE DRIVE AT TRANSIT WAY (NEAR POST OFFICE) TANK TRUCK (CARGO) OTTAWA CITY ON

Database: ***SPL***

Ref No: 76621
Site No:
Incident Dt: 9/22/1992
Year:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/22/1992
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: F.D., FRANCIS WASTE MGT.
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site County/District:
Site Geo Ref Meth:
Incident Summary: ULTRAMAR GASOLINE TANKER - UNKNOWN QUANTITY GAS FROM MOTOR TO ROAD.
Contaminant Qty:

Site: ***UNKNOWN***
INTERSECTION OF MAIN ST. AND POOL CREEK OTTAWA CITY ON

Database: SPL

Ref No:	224470	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/29/2002	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	UNKNOWN	**Sector Type:**	
Incident Event:		**Agency Involved:**	CITY OF OTTAWA
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20107
Nature of Impact:	Water course or lake	**Site Lot:**	
Receiving Medium:	LAND / WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/29/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UKN: OILY SHEEN ON CREEK FLOWING UNDER MAIN ST. NO ODOUR.
Contaminant Qty:

Site: ***Enbridge Gas Distribution Inc.***
Main St Ottawa ON

Database: SPL

Ref No:	2717-A3VHU6	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	10/30/2015	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:		**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	Main St
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/2/2015	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	

Site Name: 83 Main Street<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA FSB: 1 in IP pl service dmgd, made safe
Contaminant Qty: 1 other - see incident description

Site: ***POWELL FUELS***

Database: SPL

RIDEAU VALLEY MIDDLE SCHOOL, MAIN ST., KARS TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON

Ref No:	44507	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/11/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20000
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/11/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	POWELL FUELS -100 L. FURNACE OIL TO ASPHALT, CLEANED UP.		
Contaminant Qty:			

Site:
lot 15 ON

Database:
WWIS

Well ID:	1526646	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6571
Casing Material:		***Form Version:***	1
Audit No:	127458	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048337	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	13-Aug-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931064749
Layer: 2
Color: 6
General Color: BROWN
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 1.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064748
Layer: 1
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064751
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 25.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064750
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 28
Mat3 Desc: SAND

Formation Top Depth: 6.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111856
Layer: 1
Plug From: 2
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111857
Layer: 2
Plug From: 3
Plug To: 31
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526646
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596907
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084628
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 28
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326422
Layer: 1
Slot: 010
Screen Top Depth: 28
Screen End Depth: 31
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486022

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Site:
lot 15 ON

Database:
WWIS

Well ID:	1530391	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:		**Date Received:**	12/1/1998
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Quality	**Abandonment Rec:**	
Water Type:		**Contractor:**	3749
Casing Material:		**Form Version:**	1
Audit No:	194596	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	015
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10051926	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	_	**East83:**	
Code OB Desc:	No formation data	**North83:**	
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10-Sep-1998 00:00:00	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933115535
Layer:	1
Plug From:	25
Plug To:	378
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115536
Layer:	2
Plug From:	1
Plug To:	25
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961530391
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10600496
Casing No: 1
Comment:
Alt Name:

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526653
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127468
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048344
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 19-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064770
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06

Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 6.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064769
Layer: 1
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111870
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111871
Layer: 2
Plug From: 3
Plug To: 32
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526653
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596914
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084635
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 22

Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326429
Layer: 1
Slot: 010
Screen Top Depth: 22
Screen End Depth: 32
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486029
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database:
WWIS

Well ID: 1526652
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127469
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048343
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 20-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064767
Layer: 1
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064768
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 5.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111868
Layer: 1
Plug From: 1
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111869
Layer: 2
Plug From: 3
Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526652
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596913
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930084634
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	27
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326428
Layer:	1
Slot:	010
Screen Top Depth:	27
Screen End Depth:	30
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Water Details

Water ID:	933486028
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Site:
lot 15 ON

Database:
WWIS

Well ID:	1526651	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6571
Casing Material:		***Form Version:***	1
Audit No:	127470	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048342	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	

Open Hole:
Cluster Kind:
Date Completed: 20-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064766
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 5.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064765
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 08
Mat2 Desc: FINE SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111867
Layer: 2
Plug From: 2
Plug To: 28
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111866
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526651
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596912
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084633
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 23
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326427
Layer: 1
Slot: 010
Screen Top Depth: 23
Screen End Depth: 28
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486027
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database:
WWIS

Well ID: 1526650
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127455
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048341
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 12-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064764
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 5.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064762
Layer: 2
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064761
Layer: 1
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2: 73
Mat2 Desc: HARD

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064763
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 2.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111865
Layer: 2
Plug From: 5
Plug To: 33
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111864
Layer: 1
Plug From: 2
Plug To: 5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526650
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596911
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084632
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 30
Casing Diameter: 2

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326426
Layer: 1
Slot: 010
Screen Top Depth: 30
Screen End Depth: 33
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486026
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526649
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127456
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048340
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 13-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064760
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 8.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064758
Layer: 2
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 08
Mat2 Desc: FINE SAND
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 1.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064757
Layer: 1
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064759
Layer: 3
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111863
Layer: 2
Plug From: 3
Plug To: 33
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111862
Layer: 1
Plug From: 2
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526649
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596910
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084631
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 30
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326425
Layer: 1
Slot: 010
Screen Top Depth: 30
Screen End Depth: 33
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486025
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database:
WWIS

Well ID: 1526637
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127467
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048328
DP2BR: 0.00
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 19-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064730
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 38
Mat2 Desc: CONGLOMERATE
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064731
Layer: 2

Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 3.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111839
Layer: 2
Plug From: 3
Plug To: 23
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111838
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526637
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596898
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084616
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 18
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326413
Layer: 1
Slot: 010
Screen Top Depth: 18
Screen End Depth: 23
Screen Material:

Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486013
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database:
WWIS

Well ID: 1526638
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127466
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048329
DP2BR: 0.00
Spatial Status:
Code OB: v
Code OB Desc: Overburden below Bedrock
Open Hole:
Cluster Kind:
Date Completed: 19-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064733
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66

Mat3 Desc: DENSE
Formation Top Depth: 4.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064732
Layer: 1
Color: 2
General Color: GREY
Mat1: 38
Most Common Material: CONGLOMERATE
Mat2: 12
Mat2 Desc: STONES
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111840
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111841
Layer: 2
Plug From: 2
Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526638
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596899
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084617
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 18
Casing Diameter: 2
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084618
Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 25
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326414
Layer: 1
Slot: 010
Screen Top Depth: 18
Screen End Depth: 21
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486014
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526639
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127465
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048330
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden

Elevation:
Elevrc:
Zone: 18
East83:
North83:

Open Hole:
Cluster Kind:
Date Completed: 19-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064735
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 08
Mat3 Desc: FINE SAND
Formation Top Depth: 4.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064734
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 08
Mat2 Desc: FINE SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111843
Layer: 2
Plug From: 3
Plug To: 27
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111842
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526639
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596900
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084620
Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 17
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084619
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 9
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084621
Layer: 3
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 24
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326415
Layer: 1
Slot: 010
Screen Top Depth: 9
Screen End Depth: 12
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486015
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Site:

lot 15 ON

Database: ***WWIS***

Well ID:	1526640	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6571
Casing Material:		***Form Version:***	1
Audit No:	127464	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048331	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-Aug-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064737
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	3.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931064736

Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111845
Layer: 2
Plug From: 2
Plug To: 35
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111844
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526640
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596901
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084622
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 32
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326416
Layer: 1
Slot: 010
Screen Top Depth: 32
Screen End Depth: 35

Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486016
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database:
WWIS

Well ID: 1526641
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127463
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048332
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 17-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064738
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064739
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111846
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111847
Layer: 2
Plug From: 2
Plug To: 32
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526641
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596902
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084623
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 29
Casing Diameter: 2

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326417
Layer: 1
Slot: 010
Screen Top Depth: 29
Screen End Depth: 32
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486017
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526642
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127462
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048333
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 17-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064740
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064741
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 2.0
Formation End Depth: 305.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111848
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111849
Layer: 2
Plug From: 3
Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526642
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596903
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930084624
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	28
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326418
Layer:	1
Slot:	010
Screen Top Depth:	28
Screen End Depth:	31
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Water Details

Water ID:	933486018
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Site:
lot 15 ON

Database:
WWIS

Well ID:	1526643	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6571
Casing Material:		***Form Version:***	1
Audit No:	127461	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048334	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 17-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064743
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 1.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064742
Layer: 1
Color: 2
General Color: GREY
Mat1: 12
Most Common Material: STONES
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111851
Layer: 2
Plug From: 3
Plug To: 31
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111850
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526643

Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596904
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084625
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 28
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326419
Layer: 1
Slot: 010
Screen Top Depth: 28
Screen End Depth: 31
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486019
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526644
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127460
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10048335	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-Aug-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064745
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	3.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931064744
Layer:	1
Color:	2
General Color:	GREY
Mat1:	12
Most Common Material:	STONES
Mat2:	10
Mat2 Desc:	COARSE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111853
Layer:	2
Plug From:	2
Plug To:	21
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111852
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526644
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596905
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084626
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 19
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326420
Layer: 1
Slot: 010
Screen Top Depth: 15
Screen End Depth: 18
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486020
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 1.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526645
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127459

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048336	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	18-Aug-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064747
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	1.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931064746
Layer:	1
Color:	2
General Color:	GREY
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933111854
Layer:	1
Plug From:	0
Plug To:	2
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111855
Layer:	2
Plug From:	2
Plug To:	26
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961526645
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10596906
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930084627
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	24
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326421
Layer:	1
Slot:	010
Screen Top Depth:	24
Screen End Depth:	27
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.5

Water Details

Water ID:	933486021
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Site:
lot 15 ON

Database:
WWIS

Well ID:	1526648	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6571
Casing Material:		***Form Version:***	1
Audit No:	127457	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	015
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048339	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	13-Aug-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064754
Layer:	1
Color:	2
General Color:	GREY
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931064755
Layer:	2
Color:	2
General Color:	GREY
Mat1:	12

Most Common Material: STONES
Mat2: 79
Mat2 Desc: PACKED
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 1.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064756
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 08
Mat2 Desc: FINE SAND
Mat3: 06
Mat3 Desc: SILT
Formation Top Depth: 4.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111860
Layer: 1
Plug From: 2
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111861
Layer: 2
Plug From: 3
Plug To: 31
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526648
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596909
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084630
Layer: 1
Material: 5
Open Hole or Material: PLASTIC

Depth From:
Depth To: 28
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326424
Layer: 1
Slot: 010
Screen Top Depth: 28
Screen End Depth: 31
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486024
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 15 ON

Database: ***WWIS***

Well ID: 1526647
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 127454
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: True
Abandonment Rec:
Contractor: 6571
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 015
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048338
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 14-Aug-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931064752
Layer: 1
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064753
Layer: 2
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111858
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111859
Layer: 2
Plug From: 1
Plug To: 5
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526647
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596908

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084629
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326423
Layer: 1
Slot: 010
Screen Top Depth: 3
Screen End Depth: 6
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.5

Water Details

Water ID: 933486023
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 4.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994- Jun 30, 2021

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994- Jun 30, 2021

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Jun 30, 2021

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994- Jun 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2021

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Jun 30, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

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

patersongroup

POSITION

Intermediate Environmental Engineer

EDUCATION

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

MEMBERSHIPS & AWARDS

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

EXPERIENCE

2018 – Present
Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015
Thurber Engineering Limited
Oil Sand Tailings Group
Tailings Engineer

2009 – 2014
Carleton University
Department of Civil & Environmental Engineering
Research Engineer, Research Assistant & Teaching Assistant

2008 – 2009
SLR Consulting Limited
Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

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

Mark S. D'Arcy, P. Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

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

EDUCATION

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

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present
Paterson Group Inc.
Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa