Geotechnical Engineering

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Phase I - Environmental Site Assessment

2475 Regina Street
Ottawa, Ontario

Prepared For

Windmill Development Group Ltd.

October 26, 2021

Report: PE5366-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Windmill Development Group Ltd. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 2475 Regina Street 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 Phase I – Property.

According to the historical information reviewed, the Phase I Property was first developed with the current single-storey long term care home circa 1980. No environmental concerns were identified with respect to the historical use of the Phase I – Property.

The neighbouring properties consist primarily of residential dwellings, and retail space. Four historical PCAs were identified within the Phase I – Study Area in the form of a historical landfill, a dry cleaner, an automotive service garage and railway. Based on their separation distances as well as their cross or down gradient orientation with respect to the subject site, the identified PCAs are not considered to result in APECs on the Phase I – Property.

Following the historical review, a site inspection was conducted. The Phase I – Property is currently occupied by a single-storey long term care home located in the eastern portion of the property. No PCAs were identified with respect to the current use of the Phase I - Property.

The surrounding land use consists primarily of residential dwellings/apartment buildings and retail space. As previously discussed, the historical and current drycleaner located to the southwest of the Phase I – Property is considered to represent a PCA that does not result in an APEC on the Phase I – Property.

Based on the results of this assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the property.**

Recommendations

Based on the age of the subject building (circa 1980), asbestos containing materials (ACMs) may be present within the structure. Potential ACMs identified include the drywall joint compound, vinyl floor tiles and suspended ceiling tiles. These materials were noted to be in good condition at the time of our inspection and does not represent an immediate concern.

An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act

1.0 INTRODUCTION

At the request of Windmill Development Group Ltd., Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) for 2475 Regina Street, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject property and study area as well as 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. Ross Farris of Windmill Development Group Ltd. Mr. Farris can be contacted via his mailing address at 300 Richmond Road, Suite 400, Ottawa, Ontario, K1Z 6X6.

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

This Phase I ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04, as amended, under the Environmental Protection Act, and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information, as well as 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 SUBJECT PROPERTY INFORMATION

Address:	2475 Regina Street, Ottawa, Ontario.
Legal Description:	Part of Lot 23, Concession 1; Nepean Township, in the City of Ottawa.
Location:	The Phase I - Property is located on the north side of Regina Street, immediately before the dead end/east end of Regina Street, in the City of Ottawa, Ontario.
Latitude and Longitude:	45° 22' 11.28" N, 75° 47' 6.36" W
Site Description:	
Configuration:	Rectangular
Site Area:	1.04 ha (approximate)
Zoning:	O1 – Parks and Open Space Zone
Current Use:	The Phase I - Property is occupied by a single storey long-term care home.
Services:	The Phase I – Property is situated 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 located outside the 250 m radius are not considered to have impacted the subject property, based on their significant distance from the site.

First Developed Use Determination

Based on a review of historical information the Phase I – Property was first developed with the current long term care home circa 1980.

Fire Insurance Plans (FIPs)

The Phase I – Property does not show up on the FIPs however, the intersection of Assaly Road and Richmond Road is covered by the 1965 FIPs, which show the property addressed 1325 Richmond Road (197 m SW) as being occupied by an automotive service garage. The previously existing automotive service garage addressed 1325 Richmond Road represents a PCA that does not result in an APEC on the Phase I – Property based on its separation distance and cross gradient orientation.

National Archives

City directories for the Phase I - Property and neighbouring lands were reviewed from 1928 until 2011. The Phase I - Property was not listed in the city directories until 1990, at which point it was documented as the Parkway House. No PCAs were identified through a review of the city directories with respect to the Phase I – Property. The surrounding lands consisted primarily of residential dwellings/apartment buildings and commercial properties in the form of retail stores and offices. No additional PCAs were identified through a review of the city directories with respect to the past use of the surrounding lands.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically as part of this assessment. No records of pollutant releases were listed in the database for the subject site or for any properties located within the Phase I Study Area.

PCB Waste Storage Site Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. No PCB waste storage sites were identified within the Phase I Study Area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Waste Disposal Site Inventory

The Ontario Ministry of Environment and Climate Change document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of this assessment.

This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

One abandoned waste disposal site is located just northwest of the Phase I – Property. The records indicate that the disposal site was closed circa 1960 and is documented as MECP Site No. 1007. The presence of the former landfill located on the property to the north is considered to represent a PCA. Based on a review of the previously completed landfill monitoring programs by AMEC and Wood, it is not considered to represent an environmental concern on the Phase I – Property. The two above mentioned landfill monitoring reports are discussed in further detail in the Previous Reports Section on page 7.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the subject property. A review of this document did not identify any former coal gasification plants located on the subject property or within the Phase I study area.

MECP Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the subject property. At the time of issuing this report, a response from the MECP had not been received.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants, or inspections maintained by the MECP for the subject or neighbouring properties. At the time of issuing this report, a response from the MECP had not been received.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the subject property. At the time of issuing this report, a response from the MECP had not been received.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the subject property. At the time of issuing this report, a response from the MECP had not been received.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted electronically for the Phase I - Property and for properties located within the Phase I Study Area. No records of site condition were identified 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 electronically via the Ontario Ministry of Natural Resources and Forestry (MNRF) website. No natural features or areas of natural significance were identified on the subject property or within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically to inquire about current and former underground storage tanks, spills, and incidents for the subject and neighbouring properties. The response from the TSSA indicated that no environmental records were identified for the subject site or neighbouring properties. A copy of the correspondence with the TSSA, and the properties of interest, are included in Appendix 2.

City of Ottawa Old Landfill Sites

As previously discussed, one abandoned waste disposal site was identified approximately 30 m northwest of the Phase I – Property, which was decommissioned circa 1960. As discussed on the following page, the former landfill is considered to represent a PCA, but not an APEC.

City of Ottawa Historical Land Use Inventory

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

At the time of issuance of this report, the HLUI search results had not yet been received. A copy of the HLUI request form is provided in Appendix 2.

Previous Engineering Reports

The following reports were reviewed prior to conducting this assessment:

- "UR-2-McGee Farm, Data Gap Analysis, Old Landfill Management Strategy, City of Ottawa, Ontario", prepared by AMEC Earth and Environmental., dated January 2009.

The Data Gap Analysis involved the completion of surficial soil sampling, borehole advancement for delineation purposes, monitoring well installations and sampling, gas probe installation and landfill gas monitoring.

Three surficial soil samples were collected throughout the area of the former landfill and submitted for analytical testing of metals and PAHs. All of the sampled parameters were identified as being non-detect or below the applicable MECP Table 3 standards.

The delineation program involved the advancement of thirteen shallow boreholes in the western portion of the former landfill. Waste material was identified in each of the completed boreholes at an approximate depth of 0.6 m. The waste material was identified in the fill layer consisting of brown to dark brown sandy silt, clay and gravel. Bedrock was encountered at depths ranging from 2.5 to 4.5 m below the ground surface. Based on the identified waste material, the landfill was concluded to extend further to the west than initially anticipated, onto the adjacent residential properties along Lincoln Heights Road to the west of the Phase I - Property. Based on the findings of the subsurface investigation, waste materials are not considered to have been present on the Phase I – Property.

Three groundwater monitoring wells were installed within the boundaries of the former landfill. Three groundwater samples were submitted for analysis of general chemistry parameters, metals and VOC parameters.

Groundwater impacted with mercury was identified in the monitoring wells installed in the southern and central portion of the former landfill. The groundwater located in the monitoring well installed in the northwestern portion of the property was identified as being impacted with copper. The monitoring wells were resampled three months after the original sampling program and all of the previously elevated parameters were identified as being non-detect. Based on the results of the groundwater monitoring program, contaminated groundwater is not considered to have had the potential to migrate onto the Phase I - Property.

The landfill gas monitoring program involved the installation of three gas probes located within the boundaries of the former landfill.

Based on the elevated methane levels identified in the three initially installed gas probes, two additional gas probes were advanced further to the west, closer to the residential dwellings along Lincoln Heights Road. Based on the results of the gas monitoring program, methane gas is not considered to have had the potential to migrate onto the Phase I – Property.

- "2019 Landfill Gas Monitoring and Landfill Gas Interceptor Trench Operational Inspection and Monitoring, McGee Farm Closed Landfill (Ur-2), City of Ottawa, Ontario", prepared by Wood Environment and Infrastructure Solutions., dated November 2020.

The landfill gas monitoring program was completed to characterize the seasonal, temporal and special variations in the subsurface methane concentrations as a result of the former landfill. The assessment also involved an operational inspection of a landfill gas interceptor trench located along the western property boundary of the former landfill, which was installed by the City in 2010.

The gas probes located along the southern property boundary of the former landfill (closest to the Phase I – Property) were identified as having methane levels of zero. Based on the identified methane levels, the landfill gas is not considered to have migrated onto the Phase I – Property.

- "Geotechnical Investigation, Proposed Mixed-Use Development, 2475 Regina Street, City of Ottawa, Ontario", prepared by Paterson Group., dated August 2021.

The geotechnical assessment involved the advancement of seven boreholes drilled to a maximum depth of 17.5 m below the existing grade. Three of the boreholes were instrumented with groundwater monitoring wells. Fill material consisting of brown silty sand with gravel, clay and some topsoil was identified in the majority of the boreholes. No waste materials were identified in any of the completed boreholes.

Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I Property and properties within the Phase I Study Area.

Based on the ERIS report, there are no records documented for the Phase I – Property.

76 total records from various databases were identified in the ERIS search within the 250m search radius, which included Anderson's Waste Disposal Sites, Boreholes, Certificates of Approvals (CA), Dry Cleaning Facilities, Environmental Compliance Approvals (ECAs), ERIS Historical Searches, Contaminated Sites on Federal Land, Ontario Regulation 347 Waste Generators, Ontario Spills, Waste Disposal Sites – MOE 1991 Historical Approval Inventory, Water Well Information Systems (WWIS).

The Anderson's Waste Disposal, Contaminated Sites on Federal Land and Waste Disposal Sites – MOE 1991 Historical Approval Inventory records pertain to the former McGee Farm Landfill on the adjacent property to the west/northwest and as previously discussed, the historical landfill is considered to represent a PCA that does not result in an APEC on the Phase I – Property.

The CAs and ECAs pertain to air and municipal sewage approvals and the documented spill records are associated with air releases or are listed in the unplottable section of the report, for properties that are in a different region of the city.

The O.Reg 347 Waste Generator records pertain primarily to medical laboratories and pharmacies located along Richmond Road and are not considered to represent PCAs based on their documented waste classes, separation distances and cross/down gradient orientation with respect to the Phase I – Property. The property addressed 1315 Richmond Road (115 m SW) is currently occupied by a dry-cleaning facility with several documented waste generator records pertaining to halogenated solvents and waste oils and lubricants. The past and current dry-cleaning operations at 1315 Richmond Road are considered to represent a PCA that does not result in an APEC on the Phase I – Property.

No other PCAs were identified through a review of the ERIS Database Report.

4.3 Physical Setting Sources

Aerial Photographs

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

1945 The Phase I – Property exists as agricultural land with residential dwellings/occasional farmsteads located to the southwest along Richmond Road, which is in the initial stages of development.

Residential dwellings can also be seen further north and east of the Phase I – Property along Richmond Road and McEwen Avenue and the Canadian Pacific Railway can be seen running east to west along the northern property boundary.

1965 No significant changes have been made to the Phase I – Property since the previous photograph. An automotive service garage is now located further south of the Phase I – Property fronting Richmond Road, which is now in its present day-orientation. Increased residential development can also be seen further south and west of the Phase I – Property.

1976 The Phase I – Property appears to consist of landscaped grass areas with a small segment of the southeastern portion of the property now being occupied by the parking lot of the Richmond Park Square, which has been constructed to the south across Regina Street. Regina Street can now be seen in its current configuration immediately south of the Phase I – Property and increased residential development has occurred to west along Lincoln Heights Road, which is in its present-day configuration. Sir John A. McDonald Parkway can now be seen in its current configuration immediately west of the Phase I – Property and The Britannia Water Purification Plant can now be seen further to the northwest.

1991 The Phase I – Property is now occupied by the current long-term care home and asphaltic concrete parking area. Increased residential development has occurred to the south/southwest of the Phase I – Property.

2002 No significant changes have been made to the Phase I – Property since the previous photograph. The Trans Canada Trail is now in the initial stages of development along the former railway alignment to the north.

2010 No significant changes have been made to the Phase I – Property or surrounding lands since the previous photograph.

2019 No significant changes have been made to the Phase I – Property or surrounding lands since the previous photograph.

The historical railway located immediately north of the Phase I – Property is considered to represent a PCA.

Based on its separation distance and there having been no fueling or loading activities in the vicinity of the subject site, it is not considered to represent an APEC on the Phase I – Property.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 65 m above sea level.

The regional topography in the general area of the subject property slopes down towards the west/northwest, in the general direction of Ottawa River. 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, as a part of this assessment.

According to the publication and mapping, the subject property is situated within the St. Lawrence Lowlands. According to the 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 property is specifically located within the Central St. Lawrence Lowland area, which is rarely more 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 the information from NRCAN, bedrock in the area of the site consists of interbedded shale and dolomite of the Rockcliffe Formation. Based on the maps, the surficial geology consists of plain till with an overburden thickness ranging from 5 to 15 m.

MECP Water Well Records

A search of the MECPs website for all drilled well records within 250 m of the subject site was conducted as part of this assessment.

The search identified nine monitoring wells located on the property to the northwest as part of an investigation program targeting the abandoned waste disposal site in this area. Fill material was identified extending to depths ranging from 0 to 1.83 m underlain by brown silty sand and grey silty clay. Limestone bedrock was encountered at an average depth of 6.6m.

Six additional well records were documented for properties further south of the Phase I – Property near the intersection of Richmond Road and Assaly Road. Four of the records are for monitoring wells installed on the commercial properties and two are for domestic wells installed in 1959. The stratigraphy in this area consists of blue clay extending to depths ranging from 0 to 15 m underlain by limestone bedrock.

Based on the well records, the stratigraphy in the area of the subject property consists primarily of silty clay and/or sandy till over bedrock encountered at an average depth of 6 m. The depth of the water table was not recorded in the reviewed monitoring well records.

Water Bodies and Areas of Natural Significance

The nearest named water body with respect to the Phase I - Property is the Ottawa River, located approximately 450 m northwest of the Phase I - Property. No areas of natural significance were identified within the Phase I study area.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site inspection was conducted on July 14, 2021, by personnel from our environmental division. In addition to the subject property, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

5.2 Personal Interviews

Ms. Krysia Kurylowicz, the current executive secretary of the Parkway House, was interviewed as part of this assessment. Ms. Kurylowicz informed Paterson that the building has always been heated by a combination of natural gas roof top units and baseboard heaters. Ms. Kurylowicz also informed Paterson that the building was constructed circa 1980 and that she is unaware of any environmental concerns on the Phase I – Property or in the immediate vicinity.

5.3 Specific Observations at the Phase I Property

Site Features

The Phase I - Property consists of a single storey commercial long term care home with asphaltic parking areas immediately to the south, east and west of the building.

The Phase I - Property and regional topography slope down towards the north/northwest, in the direction of the Ottawa River. Water drainage on the Phase I - Property consists of infiltration in the vegetated areas as well as sheet flow to manholes located along Regina Street and a catch basin located in the southwestern portion of the parking lot. No ponded water was observed on the Phase I – Property.

No signs of staining or indications of potential sub-surface contamination were observed at the time of the site visit.

A depiction of the Phase I - Property is presented on Drawing PE5366-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

The single storey long term care home is located in the western portion of the property with asphaltic parking areas located on the south, east and west sides of the building. The northern and western portions of the property consist primarily of landscaped grass areas with some light vegetation located along the northern property line.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  No above ground storage tanks (ASTs) or signs of underground storage tanks (USTs) were observed on the exterior of the subject property at the time of the site visit.

- **Hazardous Materials and Unidentified Substances**

  No hazardous materials, unidentified substances, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the Phase I - Property at the time of the site inspection.

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

  One pad-mounted transformer was observed on the southeastern side of the property. The transformer appeared to be in good condition and no staining or unusual odours were noted at the time of the site visit.

- **Waste Management**

  Waste materials observed on the subject property at the time of the site inspection were noted to be limited to solid, non-hazardous domestic waste products and recyclables.

  All waste products were noted to be stored in a large bin on the exterior of the subject building and collected by the municipality on a regular basis. No concerns were identified with respect to waste management practices on the subject property.

- **Fill Material**

  No fill material is being stored on the Phase I – Property.

Interior Assessment

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

- The floors consist of vinyl floor tile, ceramic tile and concrete.
- The walls consist of drywall.
- The ceilings consist of suspended ceiling tiles and drywall.
- Lighting throughout the buildings consists of incandescent and fluorescent fixtures.

Potentially Hazardous Building Materials

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

  Based on the age of the residence (circa 1980), asbestos may be potentially present within certain building materials. The potential ACMs identified at time of the site inspection include the drywall joint compound, vinyl floor tiles and suspended ceiling tiles. These building materials were observed to be in good condition at the time of the site inspection and do not pose an immediate concern.

❑ **Lead-Based Paint**

Based on the age of the subject building (circa 1980), lead-based paints may be potentially present on any original or older painted surfaces. The painted surfaces within the building were generally observed to be in good condition at the time of the site inspection.

❑ **Polychlorinated Biphenyls (PCBs)**

No concerns with respect to PCBs were identified at the time of the site inspection.

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

UFFI was not observed within the subject building at the time of the site inspection, however, the wall cavities were not inspected at the time for insulation type.

Other Potential Environmental Concerns

❑ **Fuels and Chemical Storage**

No vent and fill pipes, or signs indicating the presence of an underground or above ground storage tank, were observed within the interior of the subject building.

Chemical storage on the subject property was observed to be limited to domestically available cleaning products, stored in their original containers. No hazardous chemicals, spills, stains, or any unusual visual or olfactory observations were noted at the time of the site inspection.

No concerns with respect to fuels or chemical storage were identified during the site inspection.

❑ **Wastewater Discharges**

Wastewater is currently discharged from the subject property via municipal services. No sump pumps/pits were observed within the subject building at the time of the assessment.

Roof drainage from the subject building is discharged through runoff into manholes located along Regina Street as well as a catch basin located in the southeastern side of the parking lot. No environmental concerns were identified with respect to wastewater discharges on the Phase I - Property.

- **Ozone Depleting Substances (ODSs)**

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

Neighbouring Properties

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

South: Vacant land existing as landscaped grass areas and light vegetation followed by the Ottawa River.

North Residential apartment building followed by Richmond Road.

East: Sir John A. Macdonald Parkway followed by residential dwellings

West: Residential dwellings followed by Lincoln Heights Road

No PCAs were identified with respect to the current use of the Phase I – Property and neighbouring lands. The neighbouring land use within the Phase I Study Area is illustrated on Drawing PE5366-2 – Surrounding Land Use Plan.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Land Use History

Based on aerial photos, personal interviews and observations made during the site visit, the Phase I - Property was initially developed with the current long term care home circa 1980.

Potentially Contaminating Activities (PCAs)

Table 1
Potentially Contaminating Activities (PCAs)

PCA	Location of PCA	APEC (Y/N)
Historical McGee Farm landfill	30 m NW	N
Historical and current dry cleaner	1315 Richmond Road (115 m SW)	N
Historical automotive service garage	1325 Richmond Road (182 m SW)	N
Former railway	10 m N	N

Areas of Potential Environmental Concern (APECs)

Four PCAs were identified within the Phase I study area. Based on their separation distances, cross/down gradient orientation with respect to the Phase I – Property and previous engineering reports, the above mentioned PCAs are not considered to result in APECs on the Phase I – Property.

Contaminants of Potential Concern (CPCs)

No contaminants of potential concern were identified on the Phase I – Property.

6.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the information obtained from the Geological Survey of Canada website, bedrock in the area of the site consists of interbedded shale and dolomite of the Rockcliffe Formation. Based on the maps, the surficial geology consists of plain till with an overburden thickness ranging from 5 to 15 m.

Existing Buildings and Structures

The Phase I - Property is currently occupied by a single storey long term care home with asphaltic parking areas located immediately south, east, and west of the building.

Areas of Natural Significance

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

Water Bodies

The nearest named water body with respect to the Phase I - Property is the Ottawa River, located approximately 500 m northwest of the Phase I - Property. No areas of natural significance were identified within the Phase I study area.

Water Wells

A search of the MECPs website for all drilled well records within 250 m of the subject site was conducted as part of this assessment.

The search identified nine monitoring wells located on the property to the northwest as part of an investigation program targeting the abandoned waste disposal site in this area. Fill material extending to depths ranging from 0 to 1.83 m underlain by brown silty sand and grey silty clay. Limestone bedrock was encountered at an average depth of 6.6m.

Six additional well records were documented for properties further south of the Phase I – Property near the intersection of Richmond Road and Assaly Road. Four of the records are for monitoring wells installed on the commercial properties and two are for domestic wells installed in 1959. The stratigraphy in this area consists of blue clay extending to depths ranging from 0 to 15 m underlain by limestone bedrock.

Based on the well records, the stratigraphy in the area of the subject property consists primarily of silty clay and/or sandy till over bedrock encountered at an average depth of 6 m. The depth of the water table was not recorded in the reviewed monitoring well records.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists primarily of residential properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Four PCAs were identified within the Phase I – Study Area and are listed in Table 1. Based on their separation distances and cross or down gradient orientation with respect to the Phase I - Property, the above noted PCAs are not considered to result in APECs on the Phase I – Property.

Contaminants of Potential Concern

No contaminants of potential concern were identified on the Phase I – Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are four PCAs associated with Phase I – study area.

The presence of PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

7.0 CONCLUSION

Assessment

Paterson Group was retained by Windmill Development Group Ltd. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 2475 Regina Street 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 Phase I – Property.

According to the historical information reviewed, the Phase I Property was first developed with the current single-storey long term care home circa 1980. No environmental concerns were identified with respect to the historical use of the Phase I – Property.

The neighbouring properties consist primarily of residential dwellings, and retail space. Four historical PCAs were identified within the Phase I – Study Area in the form of a historical landfill, a dry cleaner, an automotive service garage and railway. Based on their separation distances as well as their cross or down gradient orientation with respect to the subject site, the identified PCAs are not considered to result in APECs on the Phase I – Property.

Following the historical review, a site inspection was conducted. The Phase I – Property is currently occupied by a single-storey long term care home located in the eastern portion of the property. No PCAs were identified with respect to the current use of the Phase I - Property.

The surrounding land use consists primarily of residential dwellings/apartment buildings and retail space. As previously discussed, the historical and current drycleaner located to the southwest of the Phase I – Property is considered to represent a PCA that does not result in an APEC on the Phase I – Property.

Based on the results of this assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the property.**

Recommendations

Based on the age of the subject building (circa 1980), asbestos containing materials (ACMs) may be present within the structure. Potential ACMs identified include the drywall joint compound, vinyl floor tiles and suspended ceiling tiles. These materials were noted to be in good condition at the time of our inspection and does not represent an immediate concern. An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act

8.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as 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 Windmill Development Group Ltd. Permission and notification from Windmill Development Group Ltd. and Paterson Group will be required to release this report to any other party.

Paterson Group Inc.

Samuel R. Berube, B Eng.

Mark S. D'Arcy, P.Eng., QP_{ESA}

Report Distribution:

- Windmill Development Group Ltd.
- Paterson Group Inc.

9.0 REFERENCES

Federal Records
Natural Resources Canada Air Photo Library.
Natural Resources Canada The Atlas of Canada.
Geological Survey of Canada Surficial and Subsurface Mapping.
Environment Canada, National Pollutant Release Inventory.
National PCB Waste Storage Site Inventory.
National Archives of Canada.

Provincial Records
MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP Waste Disposal Site Inventory, 1991.
MECP Brownfields Environmental Site Registry.
MECP Water Well Inventory.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
Ministry of Natural Resources and Forestry Areas of Natural Significance.
Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records
City of Ottawa Document "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.
The City of Ottawa eMap website.
ERIS Report

Local Information Sources
Personal Interviews.
ERIS Database Report

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5366-1 – SITE PLAN

DRAWING PE5366-2 – SURROUNDING LAND USE PLAN

FIGURE 1

KEY PLAN

265 BRITANNIA ROAD

291 LINCOLN HEIGHTS ROAD
RESIDENTIAL

297 LINCOLN HEIGHTS ROAD
RESIDENTIAL

301 LINCOLN HEIGHTS ROAD
RESIDENTIAL

LINCOLN HEIGHTS ROAD

2481 REGINA STREET
RESIDENTIAL

TREED AREA

2475 REGINA STREET

PARKWAY HOUSE
OTTAWA & DISTRICT

SIR JOHN A. MACDONALD PARKWAY

SIR JOHN A. MACDONALD PARKWAY

CB 1

MH 1

ASPHALTIC CONCRETE
DRIVE WAY

REGINA STREET

SHED

FH

1275 RICHMOND ROAD
RESIDENTIAL

1285 RICHMOND ROAD
RESIDENTIAL

SCALE: 1:600

0 5 10 15 20 25 30m

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

WINDMILL DEVELOPMENT GROUP LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2475 REGINA STREET

OTTAWA, ONTARIO

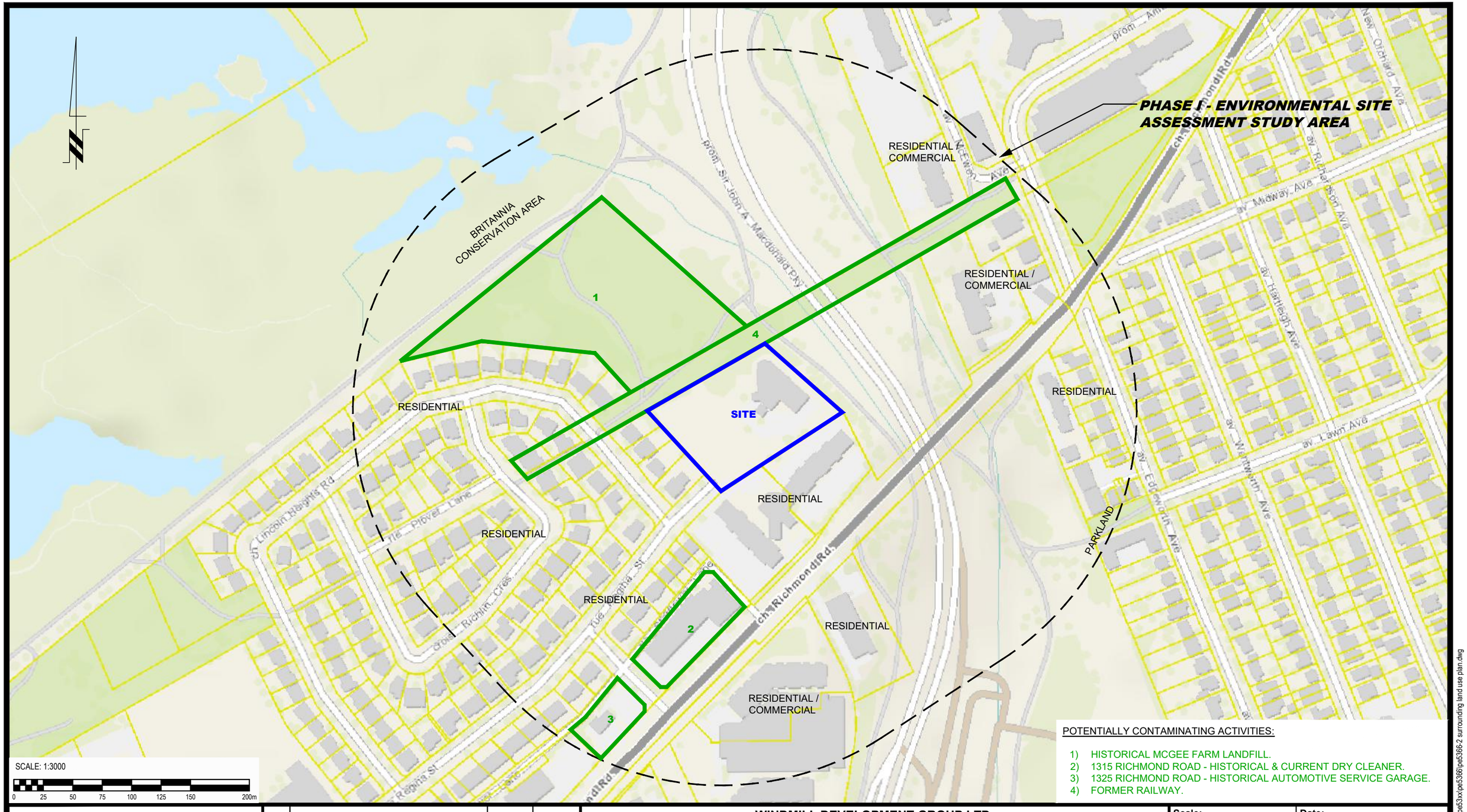
Title:

SITE PLAN

Scale: 1:600	Date: 10/2021
Drawn by: YA	Report No.: PE5366-1
Checked by: SB	Dwg. No.: PE5366-1
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe53xx\pe5366\pe5366-1 site plan.dwg

11x17



POTENTIALLY CONTAMINATING ACTIVITIES:

1) HISTORICAL MCGEE FARM LANDFILL.
2) 1315 RICHMOND ROAD - HISTORICAL & CURRENT DRY CLEANER.
3) 1325 RICHMOND ROAD - HISTORICAL AUTOMOTIVE SERVICE GARAGE.
4) FORMER RAILWAY.

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

WINDMILL DEVELOPMENT GROUP LTD.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2475 REGINA STREET

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 10/2021
Drawn by: JM	Report No.: PE5366-1
Checked by: SB	Dwg. No.: PE5366-2
Approved by: MSD	Revision No.:

11x17

p:\autocad drawings\environmental\pe53xx\pe5366\pe5366-2 surrounding land use plan.dwg

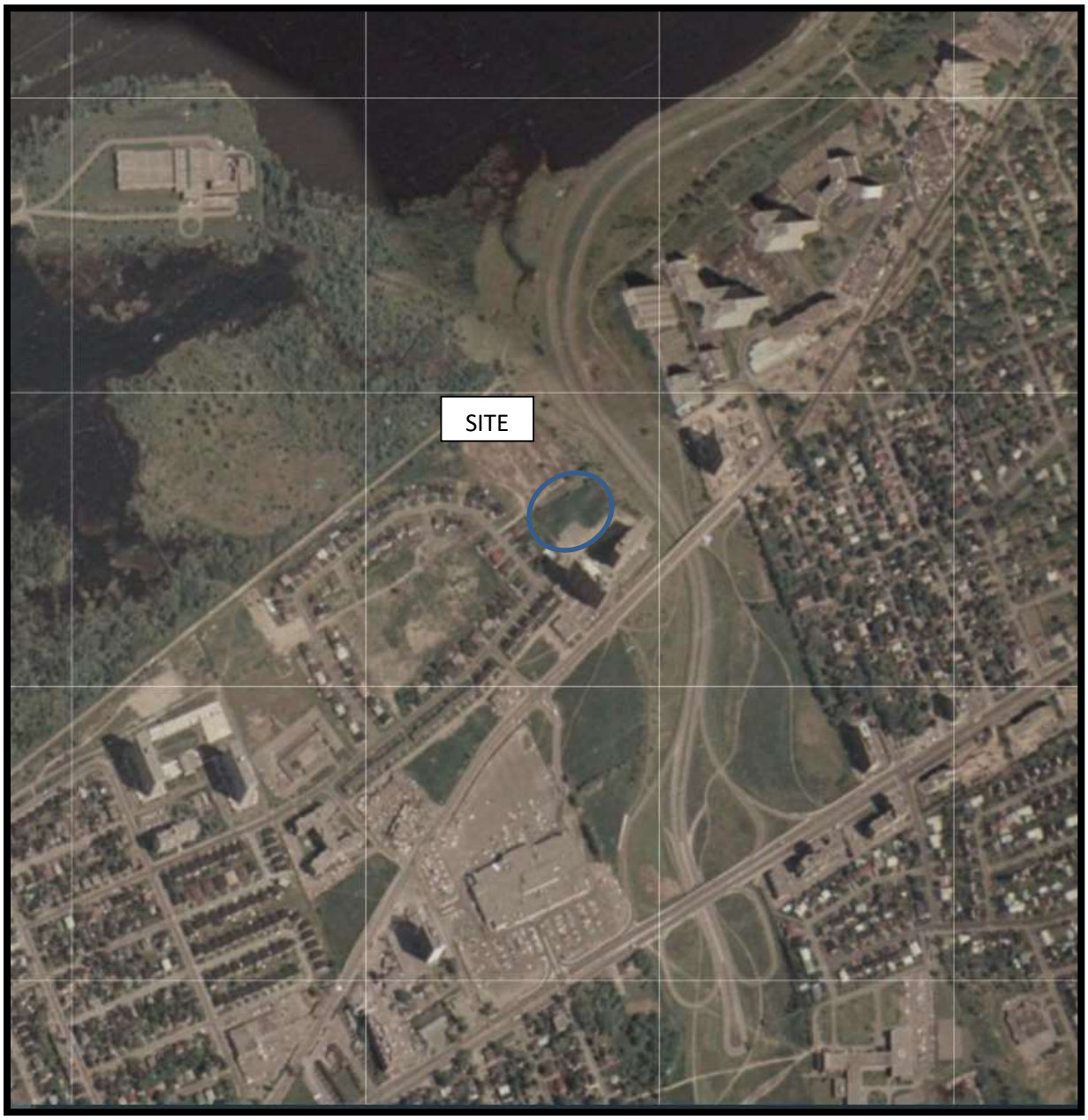
APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

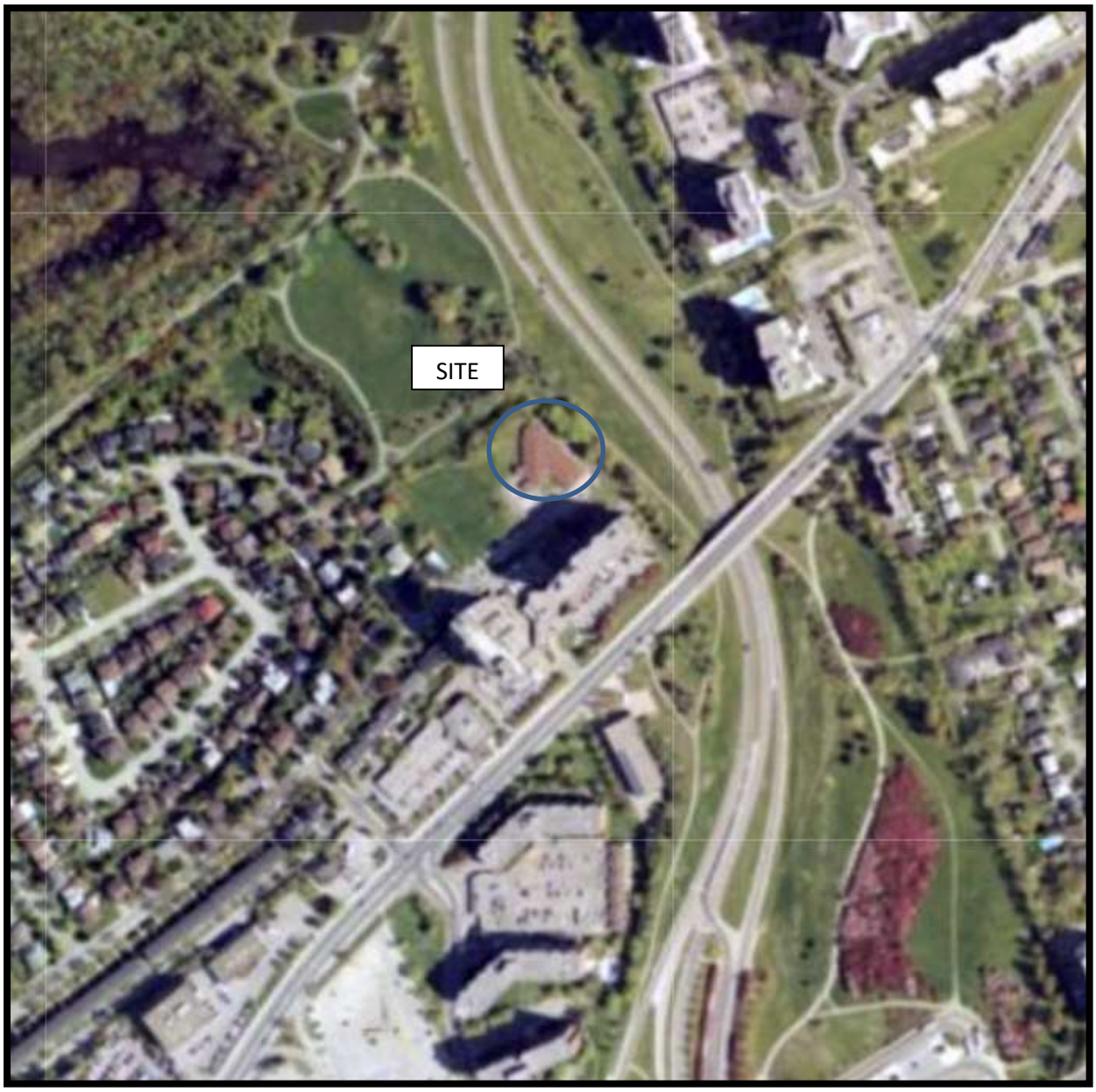
AERIAL PHOTOGRAPH
1945

AERIAL PHOTOGRAPH
1965



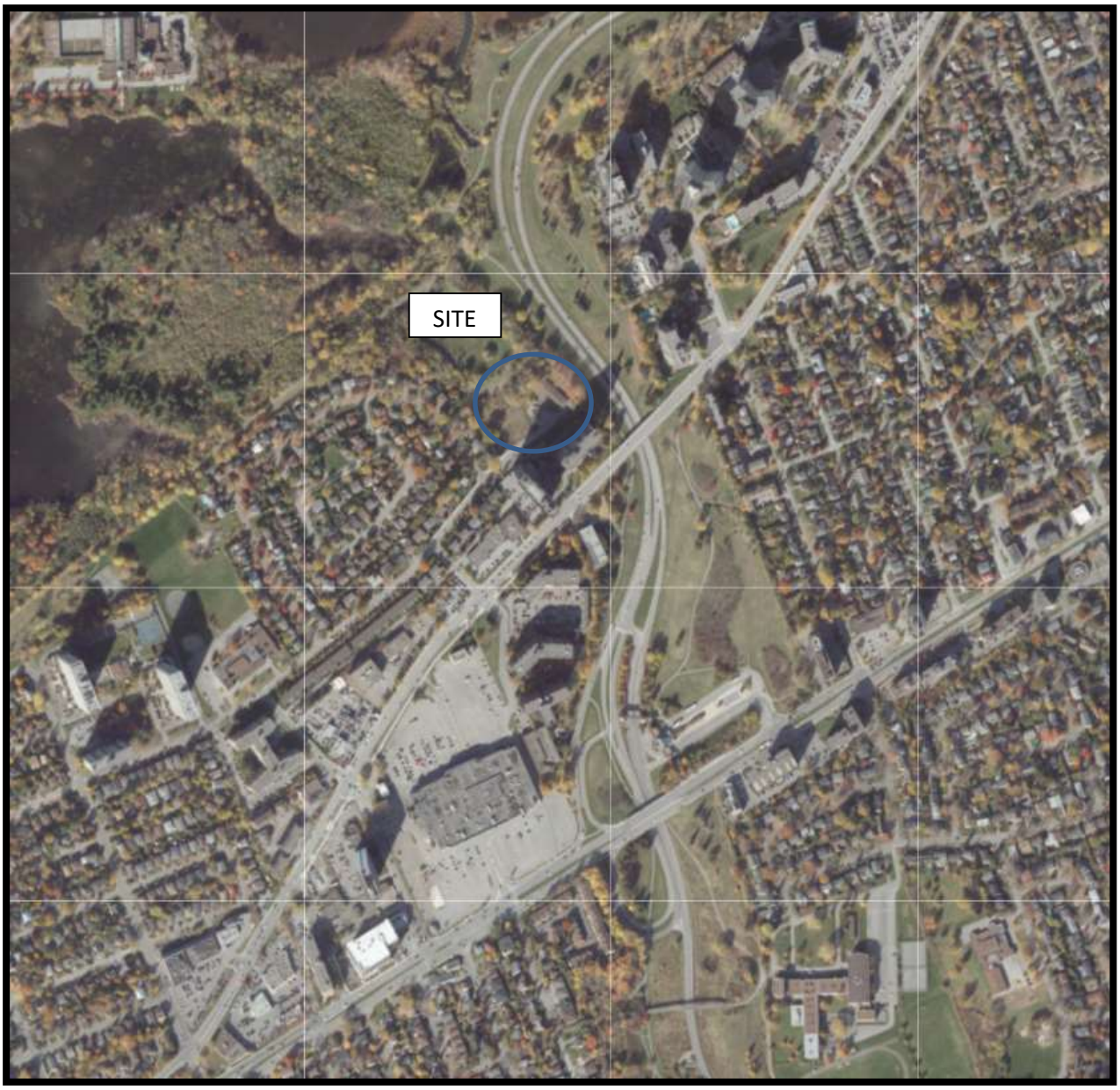
AERIAL PHOTOGRAPH
1976

AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002

AERIAL PHOTOGRAPH
2010



AERIAL PHOTOGRAPH
2019

Site Photographs

Photograph 1: View of long-term care home looking northeast.

Photograph 2: View of Phase I – Property looking northwest.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH REQUEST

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

HLUI APPLICATION

ERIS REPORT

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

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

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

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

Ontario

September 28, 2021

Samuel Berube
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Samuel Berube:

RE: ***Freedom of Information and Protection of Privacy Act*** **Request**
Our File # A-2021-02573, Your Reference PE5366 / 20210623155423014

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2475 Regina Street (Lot 23 Concession 1) Nepean , Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. **This file is now closed.**

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

If you have any questions regarding this matter, please contact Hira Ashraf at (647) 642-9681 or hira.ashraf@ontario.ca.

Yours truly,

Noel Kent
Manager, Access and Privacy

UTM 18 Z 4 3 8 4 0 5 E

5 R 5 0 2 3 8 8 0 N

Elev. 5 R 0 2 2 5

Basin 2 5

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Ottawa

Con. Lot Date completed 17 (day) Nov. (month) 58 (year)

Owner [redacted] (Print in block letters) Address Gladstone Ave

Casing and Screen Record

Inside diameter of casing 5"

Total length of casing 52 ft.

Type of screen none

Length of screen —

Depth to top of screen —

Diameter of finished hole 4"

Pumping Test

Static level 18 ft.

Test-pumping rate [redacted] 5 G.P.M.

Pumping level [redacted] 24 ft.

Duration of test pumping 1/2 hr.

Water clear or cloudy at end of test cloudy

Recommended pumping rate [redacted] 4 G.P.M.

with pumping level of 22 ft.

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
Clay Blue	0	45			
limestone	45	140	135	117	fresh

Water Record

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

household

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

hillside

Drilling Firm BE SPARKS

Address 4 MAKEWAN AVE

OTTAWA

Licence Number [redacted]

Name of Driller Ben E Sparks

Address

Date mar 9/59

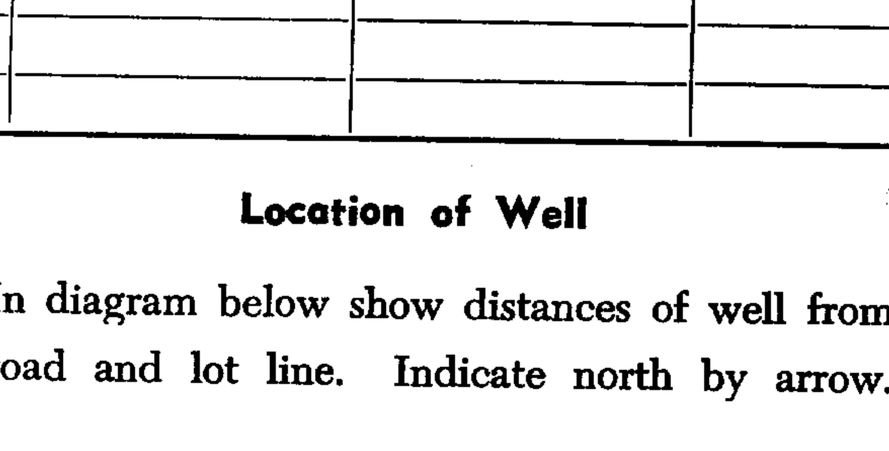
Ben E Sparks

(Signature of Licensed Drilling Contractor)

Form 5
15M-58-4149

Location of Well

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



UTM 18 Z 4138430 E
N 5 R 5023910 N
Elev. 5 R 0225
Basin 25

GROUND WATER BRANCH
MAR 16 1959 No. 15
ONTARIO WATER RESOURCES COMMISSION

8687

The Ontario Water Resources Commission Act, ~~1957~~

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Ottawa

Con. [redacted] Lot [redacted] Date completed 24 Nov 58 (day, month, year)

Owner [redacted] Address Gladstone Ave Ottawa

(Please print in block letters)

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 52'
Type of screen none
Length of screen —
Depth to top of screen —
Diameter of finished hole 4"

Pumping Test

Static level 18'
Test-pumping rate ~~3[illegible]~~ 5 G.P.M.
Pumping level 24 ft.
Duration of test pumping 1/2 hr
Water clear or cloudy at end of test cloudy
Recommended pumping rate ~~2[illegible]~~ 4 G.P.M.
with pumping level of 22 ft.

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
clay BLUE	0	45			
limestone	45	143	140	122	fresh

Water Record

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

home

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

hillside

Drilling Firm BE SPARKS

Address 4 McEWAN AVE OTTAWA

Licence Number [redacted]

Name of Driller SAME

Address

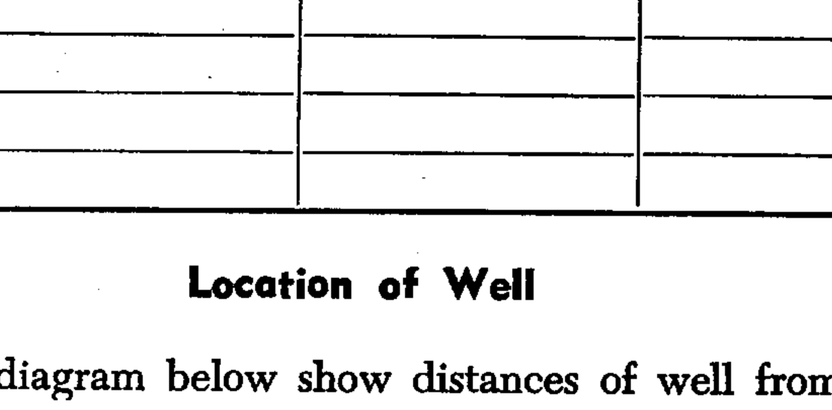
Date Mar 9/59

Ben E Sparks
(Signature of Licensed Drilling Contractor)

Form 5
15M-58-4149

Location of Well

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



~~Somerset Heights~~
~~Sub Div~~

REGINA ST.

Ontario Ministry of the Environment

Well T... (Print Below) A 063709

A 063709

Well Record

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Well Owner's Information

First Name	Last Name	E-mail Address	☐ Well Constructed by Well Owner
AXIA	management		

Mailing Address (Street Number/Name, RR)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
1315 Richmond Rd	Ottawa	ON		

Part A Construction and/or Major Alteration of a Well

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
1315 Richmond Rd			

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

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation
NAD 83	18	435476	5024190	Garmin	Etrex	☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Brn	fill	Sand / Gravel	soft, dry Course Sand	0	1.83
Brn	Sand		Soft, dry Course Sand	1.83	3.1
Gry	Sand	Silt	Sandy Silt fine Sand, moist	3.1	4.27
Gry	Clay	Silt	wet, silty clay	4.27	6.1

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	To	Type of Sealant Used (Material and Type)	Volume Placed (Cubic Metres)
0	.31	Concrete / flushmount	
.31	2.44	Benseal	
2.44	6.1	Sand	

Method of Construction

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

Water Use

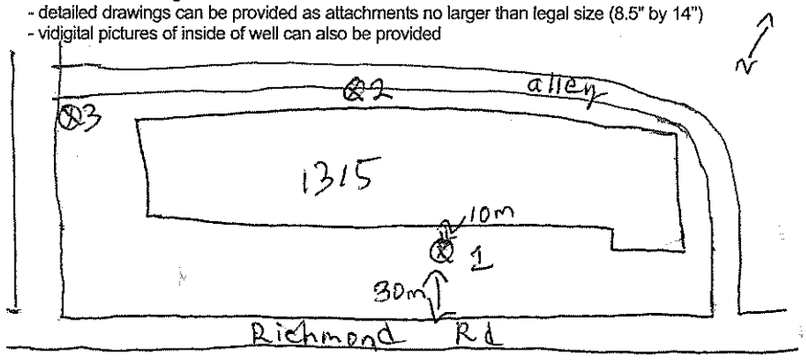
☐ Public ☐ Commercial ☐ Not used
☐ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☑ Test Hole ☑ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify

Status of Well

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

Location of Well

Please provide a map below showing:
- all property boundaries, and measurements sufficient to locate the well in relation to fixed points,
- an arrow indicating the North direction
- detailed drawings can be provided as attachments no larger than legal size (8.5" by 14")
- vidigital pictures of inside of well can also be provided



Date Well Completed (yyyy/mm/dd)	Was the well owner's information package delivered?	Date the Well Record and Package Delivered to Well Owner (yyyy/mm/dd)
2007/10/15	☐ Yes ☑ No	

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
STRATA SOIL SAMPLING	7241

Business Address (Street No./Name, number, RR)	Municipality
L-147 WEST BEAVER CREEK	RICHMOND Hill

Province	Postal Code	Business E-mail Address
ON	L4B1C6	jaudeau@stratasoil.com

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

Well Technician's Licence No.	Signature of Technician	Date Submitted (yyyy/mm/dd)
30609		2007/10/15

Beath, Brian, 1796

Results of Well Yield Testing

Check box if after test of well yield, water was:
☐ Clear and sand free
☐ Cannot develop to sand-free state

If pumping discontinued, give reason:

Pumping test method

Pump intake set at (Metres)

Pumping rate (Litres/min)

Duration of pumping ____ hrs + ____ min

Final water level end of pumping (Metres)

Recommended pump type ☐ Shallow ☐ Deep

Recommended pump depth ____ Metres

Recommended pump rate (Litres/min)

If flowing give rate (Litres/min)

	Draw Down Time (Min)	Draw Down Water Level (Metres)	Recovery Time (Min)	Recovery Water Level (Metres)
Static Level			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	

Water Details

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

Casing Used

☐ Galvanized ☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete

Screen Used

☐ Galvanized ☐ Steel ☐ Fibreglass ☑ Plastic ☐ Concrete

No Casing and Screen Used

☐ Open Hole

Disinfected? ☐ Yes ☐ No

Casing and Well Details

Diameter of the Hole (Centimetres)	8.89
Depth of the Hole (Metres)	6.1
Wall Thickness (Metres)	0.25
Inside Diameter of the Casing (Metres)	3.31
Depth of the Casing (Metres)	3.1

Ministry Use Only

Audit No.	Well Contractor No.
Z 63680	
Date Received (yyyy/mm/dd) NOV 16 2007	Date of Inspection (yyyy/mm/dd)
Remarks	

0506E (11/2006) Ministry's Copy

Ontario

Ministry of the Environment

Well Tag No. (Replacement Well Tag No.)
A 063709
A 063709

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Property Owner's Information

First Name	Last Name	Mailing Address (Street No./Name, RR)	Municipality
Axia	management	1315 Richmond Rd	Ottawa

Province	Postal Code	E-mail Address	Telephone No. (inc. area code)
ON			

Cluster Well Information

Address of Well Location (Street Number/Name, RR)	Lot	Concession	Township	County/District/Municipality
1315 Richmond Rd				CARLETON

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

[redacted]

upon request

Signature of Technician/Contractor	Date (yyyy/mm/dd)

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	Screen Interval (metres) To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
1	18	433476	5024140	6.1	8.89	Direct Push	PVC	3.1	3.1	6.1	Benseal				2007/10/15
2	18	433864	5024218	6.1	8.89	DIRECT PUSH	PVC	3.1	3.1	6.1	BENSEAL				2007/10/15
3	18	433842	5024122	5.79	8.89	DIRECT PUSH	PVC	2.74	2.74	5.79	BENSEAL				2007/10/15

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
STRATA SOIL SAMPLING	2-147 WEST BEAVER CREEK	RICHMOND HILL	ON

Postal Code	Business Telephone No. (inc. area code)	Well Contractor's Licence No.	Business E-mail Address
L4B1C6	9057649304	7241	jaudreau@stratasoil.com

Name of Well Technician (First Name, Last Name)	Well Technician's Licence No.	Date Submitted (yyyy/mm/dd)	Signature of Technician
Jovan Fenelus	3106	2007/10/15	

Beatty Brian, 1796

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

Ministry Use Only

Date Received (yyyy/mm/dd)	Date Inspected (yyyy/mm/dd)
NOV 16 2007	
Audit No.	**Remarks**
C 00413	Z63680

1991 (11/2006)

Ministry's Copy

Ontario Ministry of the Environment

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

A 074563

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Master Well Owner's and Land Owner's Information

First Name	Last Name	E-mail Address
City of Ottawa.		

Mailing Address (Street Number/Name, RR)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave. W.	Ottawa	ON	K1P 1J1	613 580 2424

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
285 Lincoln Heights			

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

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation
NAD 83	18	438427	5024388	GARMIN	ETrex	☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Grey	Fill	Sandy clay with gravel		0	1.22

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	1.2	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	Depth (Metres) To
8.2	PVC	sched 40	0	0.5

No Casing and Screen Used

Open Hole ☐ Yes ☑ No

Static Water Level Test

Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

Outside Diameter (Centimetres)	Slot No.
8.5	10

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	0.5	Bentonite	15 kgs

Water Details

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

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

Date Master Well Completed *(yyyy/mm/dd)* 2009/09/24

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

Total Wells in Cluster	Please indicate Number of Cluster Well Information Log Sheets Submitted
3	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	Well Contractor's Licence No.
George Downing Estate Drilling Ltd	1814

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

Province	Postal Code	Business E-mail Address
QC	J0V1B0	downing@hawk.igs.net

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
8192426469	Downing, Bruce

Well Technician's Licence No.	Signature of Technician	Date Submitted *(yyyy/mm/dd)*
2173	Bruce Downing	2009/06/03

Audit No.	Well Contractor No.
M 04474	
Date Received *(yyyy/mm/dd)* JUN 25 2009	**Date of Inspection** *(yyyy/mm/dd)*
Remarks	

1992 (11/2006)

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Ontario Ministry of the Environment

Well Tag No. for Master Well *(Print Well Tag No.)*
A 074563 A074563

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 1

Property Owner's Information

First Name	Last Name	Mailing Address (Street No./Name, RR)	Municipality
City of Ottawa	₹	110 Laurier Ave. W	Ottawa

Province	Postal Code	E-mail Address	Telephone No. (inc. area code)
ON	K1P1J1		6135802424

[redacted]

Cluster Well Information

Address of Well Location (Street Number/Name, RR)	Lot	Concession	Township	County/District/Municipality
285 Lincoln Heights				

City/Town/Village	Province	Postal Code	GPS Unit Make	Model	Unit Mode of Operation	
Ottawa	Ontario		GARMIN	Etrex	☐ Undifferentiated	☑ Averaged
					☐ Differentiated, specify:	

Signature of Technician/Contractor: Bruce Downing

Date (yyyy/mm/dd): 2009/06/03

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)
BP 1-08	18	438401	5024416	1.22	8.2	Geoprobe	PVC	0.5	0.5	1.2	Bentonite				2008/09/24
BP 2-08	18	438371	5024457	1.22		"	"	0.5	0.5	1.2	"				2008/09/24

Well Contractor and Well Technician Information

Business Name of Well Contractor	Business Address (Street Number/Name, RR)	Municipality	Province
George Downing Estate Drilling	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	8192426469	1844	downing@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	2009/06/03	Bruce Downing

Date 1st Well in Cluster Constructed (yyyy/mm/dd)	Date Last Well in Cluster Constructed (yyyy/mm/dd)
2008/09/24	2008/09/24

Ministry Use Only

Date Received (yyyy/mm/dd)	Date Inspected (yyyy/mm/dd)
JUN 25 2009	
Audit No. c05180	Remarks M04474

1991 (11/2006)

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Ontario Ministry of the Environment

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

A 074633

GP13-09

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page 1 of 2

Master Well Owner's and Land Owner's Information

First Name	Last Name	E-mail Address
City of Ottawa.		

Mailing Address (Street Number/Name, RR)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave	Ottawa	ON	K1P 1J1	6135802424

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR)	Township	Lot	Concession
Lincoln Heights Drive			

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

UTM Coordinates	Zone	Easting	Northing	GPS Unit Make	Model	Mode of Operation
NAD 83	18	438558	5024409.	Magellan	Sportrak	☐ Undifferentiated ☑ Averaged ☐ Differentiated, specify

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

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres) From	Depth (Metres) To
Brown	Fill	Sandy clayey silt		0	3.0
Grey	Fill	Sandy silt, trace clay	dry	3.0	6.6
	End of borehole inferred bedrock				

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)
0	6.6	20

Water Use

☐ Public ☐ Industrial ☐ Not used ☑ Other, *specify* Gasprobe.
☐ 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	Depth (Metres) To
5.1	PVC	Sched 40	0	0.5

No Casing and Screen Used

Open Hole ☐ Yes ☑ No

Static Water Level Test

N/A Metres

Screen

☐ Galvanized ☐ Steel ☐ Fibreglass ☐ Concrete ☑ Plastic

Outside Diameter (Centimetres)	Slot No.
5.8	10

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
0	0.5	Bentonite	20 Kgs

Water Details

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

Disinfected	If no, provide reason:	Date Master Well Completed (yyyy/mm/dd)
☐ Yes ☑ No	Gasprobe	2009/03/23

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

Total Wells in Cluster	Please indicate Number of Cluster Well Information Log Sheets Submitted
7	
Total Wells on this Property	
unknown	1

Location of Well Cluster

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

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

Consent to release additional information concerning the cluster to

[redacted]

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
George Downing Estate Drilling Ltd	1814

Business Address (Street No./Name, number, RR)	Municipality
410 Rue Principale	Grenville Sur la Rouge

Province	Postal Code	Business E-mail Address
QC	J0V1B0	downing@hawk.igs.net

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
8192426469	Downing, Bruce

Well Technician's Licence No.	Signature of Technician	Date Submitted (yyyy/mm/dd)
2173	Bruce Downing	2009/07/16

Ministry Use Only

Audit No.	Well Contractor No.
M 04491	
Date Received (yyyy/mm/dd) SEP 08 2009	Date of Inspection (yyyy/mm/dd)
Remarks	

1992 (11/2006)

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Ontario Ministry of the Environment

A 074633 (Print Well Tag No.) A074633

Cluster Well Information for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Page _____ of _____

[redacted]

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

City/Town/Village	Province	Postal Code	GPS Unit Make	Model	Unit Mode of Operation
Ottawa	Ontario		Magellan	Sportrak	☐ Differentiated, specify: ☐ Undifferentiated ☒ Averaged

upon request

Signature of Technician/Contractor	Date (yyyy/mm/dd)
Bruce Downing	2009/07/16

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)
GP 8-09	18	438145	5024413	4.8	20	HSA	PVC	0.8	0.8	2.8	Bentonite				2009/03/18
GP 8-09	18	438149	5024381	3.0				0.5	0.5	2.3					2009/03/18
GP 9-09	18	438144	5024366	4.3				0.9	0.9	2.8					2009/03/18
GP 10-09	18	438141	6502436	4.8				0.9	0.9	2.7					2009/03/18
GP 11-09	18	438351	5024398	3.7				2.5	2.5	3.7					2009/03/19
GP 12-09	18	438386	5024389	3.6				0.8	0.8	2.5					2009/03/19
GP 13-09															

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 Granville Sur la Rouge		QC.

Postal Code	Business Telephone No. (inc. area code)	Well Contractor's Licence No.	Business E-mail Address
J0V1B0	819-242-6469	1844	downing@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	2009/07/16	Bruce Downing

Date 1st Well in Cluster Constructed (yyyy/mm/dd)	Date Last Well in Cluster Constructed (yyyy/mm/dd)
2009/03/18	2009/03/23

Ministry Use Only

Date Received (yyyy/mm/dd)	Date Inspected (yyyy/mm/dd)
SEP 08 2009	
Audit No. C05197	Remarks m0449

1991 (11/2006)

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LEGEND

- EXISTING MONITORING WELL
- MONITORING WELL (AMEC, 2008)
- LANDFILL GAS MONITOR
- PROPERTY BOUNDARY

amec

TITLE: Tag here

GAS PROBE AND MONITORING WELL LOCATION PLAN

MCGEE FARM (UR-2) LANDFILL

CLIENT

Ottawa

DRAWN BY:	JFT
CHECKED BY:	KDH
DATE:	APRIL 2009
PROJECT NO:	TZ81060
SCALE:	1 : 1,600
FIGURE NO:	2

C-1844 m4491 c0592

SEP 08 2009

Ontario — Ministry of the Environment

Measurements recorded in: ☑ Metric ☐ Imperial

Well Tag No. (Place Sticker and/or Print Below)
A 094113 A094113

Well Record

Regulation 903 Ontario Water Resources Act

0967 Page 4 of 6

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
1324 Richmond Rd			

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	18	384185	5024077		

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	Soft, Dry	0	1.5
BRN	Silt		Soft, Dry	1.5	3.44
GRY	Silty Clay		hard, Dry	3.44	3.66
GRY	Clay		Soft, wet	3.66	6.71

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	3.1	Concrete / Flushmount	
3.1	3.1	Bereal	
3.1	6.71	Sand	

Method of Construction

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

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
5.20	PVC	.390	0	3.66

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	3.66	6.71

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	Fresh	Untested	Other, specify
	☐		☐	☐	
	☐		☐	☐	
	☐		☐	☐	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	1.5	30
1.5	6.71	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 #4

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
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
3616		2011 08 28

Well owner's information package delivered ☐ Yes ☐ No

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

Date Work Completed: 2011 09 26

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Audit No. Z 134375

Received NOV 15 2011

Ministry's Copy

Ontario — Ministry of the Environment

Measurements recorded in: [x] Metric [ ] Imperial

Well Tag No. (Sticker and/or Print Below) A106797 A106797

Well Record

Regulation 903 Ontario Water Resources Act

8967 Page 5 of 8

[redacted]

Address of Well Location (Street Number/Name): 1324 Richmond Rd

Township:

Lot:

Concession:

County/District/Municipality:

City/Town/Village: Ottawa

Province: Ontario

Postal Code:

UTM Coordinates: NAD 83 Zone 18 Easting 438415 Northing 5024083

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	Fill	Sand	Soft, dry	0	1.5
BRN	Silt	Clay	Soft, dry	1.5	3.1
GRY	Clay	Silt	hard, wet	3.1	4.57
GRY	Clay	Silt	Soft, Saturated	4.57	5.79

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	2.13	Bentonite	
2.13	5.79	Sand	

Method of Construction

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

Well Use

[ ] Public [ ] Commercial [ ] Not used
[ ] Domestic [ ] Municipal [ ] Dewatering
[ ] Livestock [x] 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	PVC	.390	0	2.74

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	2.74	5.79

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)	Gas	Kind of Water	Other, specify
	[ ]	[ ] Fresh [ ] Untested	
	[ ]	[ ] Fresh [ ] Untested	
	[ ]	[ ] Fresh [ ] Untested	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	2.44	30
2.44	5.79	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 #5

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): 147-2 west Beaver Creek Rd

Municipality: Richmond Hill

Province: ON

Postal Code: L4B1C6

Business E-mail Address: wrecords@stratasoil.com

Bus. Telephone No. (inc. area code): 9057649304

Name of Well Technician (Last Name, First Name): Beatty Brian

Well Technician's Licence No.: 3616

Signature of Technician and/or Contractor:

Date Submitted: 20111028

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

Date Package Delivered: YYYY MM DD

Date Work Completed: 20111026

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Audit No. z129535

NOV 15 2011 Received

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Ministry's Copy

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag #: A164391 (below)

A164391

Well Record

Regulation 903 Ontario Water Resources Act

5-19616 Page ____ of ____

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	Well Constructed by Well Owner
	City of Ottawa		[ ]

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
110 Laurier Avenue West	Ottawa	ON	K1P1J1	

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
Richmond Rd & Assaly Ave			

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	435421	5024043		

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/GRY	Gravel	Sand	Loose	0	.31
BRN	Clay	Sand	Soft	.31	1.5
GRY	Clay	Silt	Soft	1.5	3.35

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	.31	Concrete/Abutment	
.31	1.5	Bentonite	
1.5	3.35	Sand	

Method of Construction

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

Well Use

[ ] Public [ ] Commercial [ ] Not used
[ ] Domestic [ ] Municipal [ ] Dewatering
[ ] Livestock [X] 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
4.03	PVC	.368	0	1.83

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To
1.82	PVC	10	1.83	3.35

Status of Well

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

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0	3.35	8.25

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Strata drilling Group	7241

Business Address (Street Number/Name)	Municipality
165 Shields Court	Markham

Province	Postal Code	Business E-mail Address
ON	L3R8V2	Wrecords@stratagsi.com

Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
0579407919	Halladay Phil

Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
3832		2016 05 20

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)

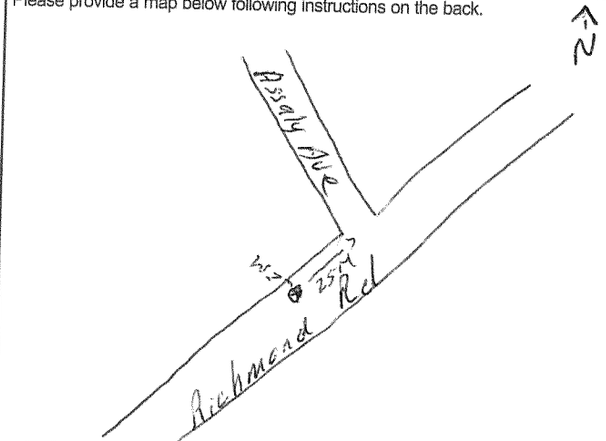
Well production (l/min / GPM)

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.



Comments:

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

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

Date Work Completed: 2016 05 19

Ministry Use Only

Audit No. Z229884

JUN 15 2016 Received

Samuel Berube

From: Public Information Services <publicinformationservices@tssa.org>
Sent: June 24, 2021 8:40 AM
To: Samuel Berube
Subject: RE: PE5366 - TSSA Request

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 Samuel,

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,

Saara

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: Samuel Berube <SBerube@Patersongroup.ca>
Sent: June 23, 2021 4:13 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE5366 - TSSA Request

Can you please search your records for the following addresses in **Ottawa, Ontario**?

265 **- Britannia Road**

285 **- Lincoln Heights Road**

2475, 2481 – **Regina Street**

1225, 1275, 1285 – **Richmond Road**

Thank you,

Samuel Berube, B.Eng.

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381
Cell: 613-558-0932

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:** *2475 Regina Street*

** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group*		
Mailing Address:	*154 Colonnade Road South, Ottawa, ON, K2E 7J5*		
Telephone:	*613-226-7381*	Email Address:	*sberube@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*Parkway House Foundation*		
Mailing Address:	*2475 Regina Street, Ottawa, ON, K2B 6X3*		
Telephone:		Email Address:	*krysiak@gmail.com*

Site Details

Legal Description and PIN:	*Part of Lot 23, Concession 1, Nepean Township, in the City of Ottawa, Ontario*
What is the land currently used for?	*Residential*

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

OR Lot area: (irregular lot) 10,357.4 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	$105.00

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 ("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): 15/07/121

Per: [redacted]

(Please print name)

Title: Environmental Engineer

Company: Paterson Group

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

June 23, 2021
File: PE5366-HLUI

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment
2475 Regina Street
Ottawa, Ontario

Dear Sir or Madame,

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: _____

Name of Representative _____

Authorization of Representative _____

Date _____

DATABASE REPORT

Project Property:	*PE5366 - Phase I - ESA* *2475 Regina Street* *Ottawa ON K2B 6X3*
Project No:	*32332*
Report Type:	*Standard Report*
Order No:	*21062400415*
Requested by:	*Paterson Group Inc.*
Date Completed:	*June 29, 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:	*PE5366 - Phase I - ESA* *2475 Regina Street Ottawa ON K2B 6X3*
Project No:	*32332*

Coordinates:

Latitude:	*45.3699264*
Longitude:	*-75.7852042*
UTM Northing:	*5,024,345.71*
UTM Easting:	*438,513.44*
UTM Zone:	*18T*

Elevation:	*221 FT* *67.34 M*

Order Information:

Order No:	*21062400415*
Date Requested:	*June 24, 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	1	1
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	1	1
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	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
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	1	1
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	51	51
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	1	1
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	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	1	1
WWIS	Water Well Information System	Y	0	10	10
	Total:		0	76	76

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	FCS	Former McGee Farm Landfill	Ottawa ON	E/111.0	-2.52	25
2	GEN	HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S/120.5	2.53	31
2	GEN	HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S/120.5	2.53	31
2	GEN	HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S/120.5	2.53	32
3	WWIS		LINCOLN HEIGHTS DRIVE Ottawa ON ***Well ID:*** 7129289	WNW/134.6	-5.34	33
4	ANDR	Parkway & Richmond Dump	Ottawa ON K2B	NW/157.1	-7.67	45
5	WDSH		Parkway nr Richmond Rd OTTAWA ON	NW/166.4	-7.47	46
6	BORE		ON	E/167.2	-3.41	46
7	WWIS		285 LINCOLN HEIGHTS Ottawa ON ***Well ID:*** 7124632	WNW/180.8	-7.55	47
7	CA	City of Ottawa	285 Lincoln Heights Rd Ottawa ON	WNW/180.8	-7.55	53
7	ECA	City of Ottawa	285 Lincoln Heights Rd Ottawa ON K1P 1J1	WNW/180.8	-7.55	53
8	EHS		1299 to 1315 Richmond Rd. Ottawa ON K2B 7Y4	S/184.1	2.53	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	EHS		1299 Richmond Rd Ottawa ON K2B7Y4	S/184.1	2.53	53
9	GEN	ICMT	1305 RICHMOND ROAD OTTAWA ON K2B 7Y4	SSW/187.9	2.53	54
9	GEN	ICMT	1305 RICHMOND ROAD OTTAWA ON	SSW/187.9	2.53	54
9	GEN	ICMT	1305 RICHMOND ROAD OTTAWA ON	SSW/187.9	2.53	54
9	GEN	ICMT	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW/187.9	2.53	55
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B 7Y4	SSW/187.9	2.53	55
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B 7Y4	SSW/187.9	2.53	55
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW/187.9	2.53	55
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW/187.9	2.53	56
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON	SSW/187.9	2.53	56
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW/187.9	2.53	57
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW/187.9	2.53	57
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW/187.9	2.53	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW/187.9	2.53	58
9	GEN	Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW/187.9	2.53	58
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW/187.9	2.53	58
9	GEN	Lincoln Heights Medical Centre Marian	1305 Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW/187.9	2.53	59
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW/187.9	2.53	59
9	GEN	NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW/187.9	2.53	60
10	WWIS		OTTAWA RIVER AND RICHMOND RD Ottawa ON ***Well ID:*** 7132696	ENE/191.0	-5.38	60
11	EHS		1299 - 1315 Richmond Road Ottawa ON K2B 8J7	SSW/197.3	2.53	71
12	GEN	RICHMOND TECHNICAL SERVICES	1303 RICHMOND RD. OTTAWA ON K2B 7Y4	S/204.0	2.53	72
12	GEN	RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S/204.0	2.53	72
12	GEN	RICHMOND TECHNICAL SERVICES 33-349	1303 RICHMOND RD. OTTAWA ON K2B 7Y4	S/204.0	2.53	72
12	GEN	RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S/204.0	2.53	72
12	GEN	NUTRI-CHEM PHARMACY LTD.	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S/204.0	2.53	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	GEN	RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S/204.0	2.53	73
13	WWIS		1315 RICHMOND ROAD Ottawa ON ***Well ID:*** 7052464	SSW/209.1	2.53	73
14	GEN	SPIC & SPAN-VALETOR-CASH CLEANERS	1315 RICHMOND ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2B 8J7	S/215.9	2.53	77
14	GEN	SPIC & SPAN 2000 INC. 35-136	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	77
14	GEN	SPIC & SPAN 2000 INC	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	77
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	78
14	GEN	CARLING-RICHMOND CLEANERS	1315 RICHMOND RD. OTTAWA ON K2B 8J7	S/215.9	2.53	78
14	GEN	SPIC AND SPAN 2000	1315 RICHMOND ROAD, SUITE #9 OTTAWA ON K2B 8J7	S/215.9	2.53	78
14	GEN	Dymon Capital	1315 Richmond Rd Ottawa ON K2B 8J7	S/215.9	2.53	78
14	EHS		1299 to 1315 Richmond Road Ottawa ON K2B 8J7	S/215.9	2.53	79
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	79
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	79
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	80

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	80
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON	S/215.9	2.53	80
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	80
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	81
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	81
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	81
14	CDRY	Spic And Span 2000 Dry Cleaning	1315 Richmond Rd Ottawa ON K2B8J7	S/215.9	2.53	82
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	82
14	GEN	SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S/215.9	2.53	82
15	BORE		ON	SSW/220.0	2.55	82
16	WWIS		ON ***Well ID:*** 1508687	SSW/220.1	2.55	83
17	SPL	ONTARIO HYDRO	AT THE LINCOLN HEIGHTS TRANSFORMER STATION AT 1290 RICHMOND RD. TRANSFORMER OTTAWA CITY ON	SE/228.5	0.45	86
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	86

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	87
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	87
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	87
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	88
17	GEN	Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE/228.5	0.45	88
18	WWIS		ON ***Well ID:*** 1508448	ENE/234.1	-6.47	88
19	BORE		ON	ENE/234.3	-6.47	92
20	WWIS		ON ***Well ID:*** 1508495	NE/239.7	-7.47	93
21	WWIS		1180 RICHMOND RD. OTTAWA ON ***Well ID:*** 7224131	E/244.2	-5.47	96
22	CA	OTTAWA CITY	REGINA LANE/ASSALY STREET OTTAWA CITY ON	SW/244.3	1.40	99
23	WWIS		1181 RICHMOND RD Ottawa ON ***Well ID:*** 7281787	ENE/246.8	-5.92	99
24	WWIS		1181 RICHMOND RD Ottawa ON ***Well ID:*** 7281850	E/249.5	-5.42	102

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Parkway & Richmond Dump	Ottawa ON K2B	NW	157.09	4

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SSW	219.95	15

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	E	167.22	6
	ON	ENE	234.26	19

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
OTTAWA CITY	REGINA LANE/ASSALY STREET OTTAWA CITY ON	SW	244.32	22

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	285 Lincoln Heights Rd Ottawa ON	WNW	180.76	7

CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2018 has found that there are 1 CDRY site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Spic And Span 2000 Dry Cleaning	1315 Richmond Rd Ottawa ON K2B8J7	S	215.92	14

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	285 Lincoln Heights Rd Ottawa ON K1P 1J1	WNW	180.76	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1299 to 1315 Richmond Rd. Ottawa ON K2B 7Y4	S	184.09	8
	1299 Richmond Rd Ottawa ON K2B7Y4	S	184.09	8
	1299 - 1315 Richmond Road Ottawa ON K2B 8J7	SSW	197.28	11
	1299 to 1315 Richmond Road Ottawa ON K2B 8J7	S	215.92	14

FCS - Contaminated Sites on Federal Land

A search of the FCS database, dated Jun 2000-Apr 2021 has found that there are 1 FCS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Former McGee Farm Landfill	Ottawa ON	E	111.04	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 51 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S	120.47	2
HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S	120.47	2
HOMESTEAD LAND HOLDINGS LTD	1285 RICHMOND RD OTTAWA ON K2B 7Z4	S	120.47	2
ICMT	1305 RICHMOND ROAD OTTAWA ON K2B 7Y4	SSW	187.90	9
ICMT	1305 RICHMOND ROAD OTTAWA ON	SSW	187.90	9
ICMT	1305 RICHMOND ROAD OTTAWA ON	SSW	187.90	9
ICMT	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW	187.90	9
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B 7Y4	SSW	187.90	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B 7Y4	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON	SSW	187.90	9
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW	187.90	9
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW	187.90	9
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW	187.90	9
Lincoln Heights Medical Centre	1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW	187.90	9
Lincoln Heights Medical Centre Marian	1305 Richmond Rd Suite 201 Ottawa ON K2B7Y4	SSW	187.90	9
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW	187.90	9

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
NutriChem Pharmacy Ltd.	1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	SSW	187.90	9
RICHMOND TECHNICAL SERVICES	1303 RICHMOND RD. OTTAWA ON K2B 7Y4	S	204.04	12
RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S	204.04	12
RICHMOND TECHNICAL SERVICES 33-349	1303 RICHMOND RD. OTTAWA ON K2B 7Y4	S	204.04	12
RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S	204.04	12
NUTRI-CHEM PHARMACY LTD.	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S	204.04	12
RICHMOND TECHNICAL SERVICES	1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	S	204.04	12
SPIC & SPAN-VALETOR-CASH CLEANERS	1315 RICHMOND ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC. 35-136	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CARLING-RICHMOND CLEANERS	1315 RICHMOND RD. OTTAWA ON K2B 8J7	S	215.92	14
SPIC AND SPAN 2000	1315 RICHMOND ROAD, SUITE #9 OTTAWA ON K2B 8J7	S	215.92	14
Dymon Capital	1315 Richmond Rd Ottawa ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
SPIC & SPAN 2000 INC.	1315 RICHMOND ROAD OTTAWA ON K2B 8J7	S	215.92	14
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17
Hydro One Netyworks Inc.	1290 Ricmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	SE	228.47	17

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ONTARIO HYDRO	AT THE LINCOLN HEIGHTS TRANSFORMER STATION AT 1290 RICHMOND RD. TRANSFORMER OTTAWA CITY ON	SE	228.47	17

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Parkway nr Richmond Rd OTTAWA ON	NW	166.44	5

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 10 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1315 RICHMOND ROAD Ottawa ON ***Well ID:*** 7052464	SSW	209.09	13
	ON ***Well ID:*** 1508687	SSW	220.15	16

Lower Elevation	Address	Direction	Distance (m)	Map Key
	LINCOLN HEIGHTS DRIVE Ottawa ON ***Well ID:*** 7129289	WNW	134.59	3
	285 LINCOLN HEIGHTS Ottawa ON ***Well ID:*** 7124632	WNW	180.76	7
	OTTAWA RIVER AND RICHMOND RD Ottawa ON ***Well ID:*** 7132696	ENE	191.04	10
	ON ***Well ID:*** 1508448	ENE	234.14	18
	ON ***Well ID:*** 1508495	NE	239.74	20
	1180 RICHMOND RD. OTTAWA ON	E	244.21	21

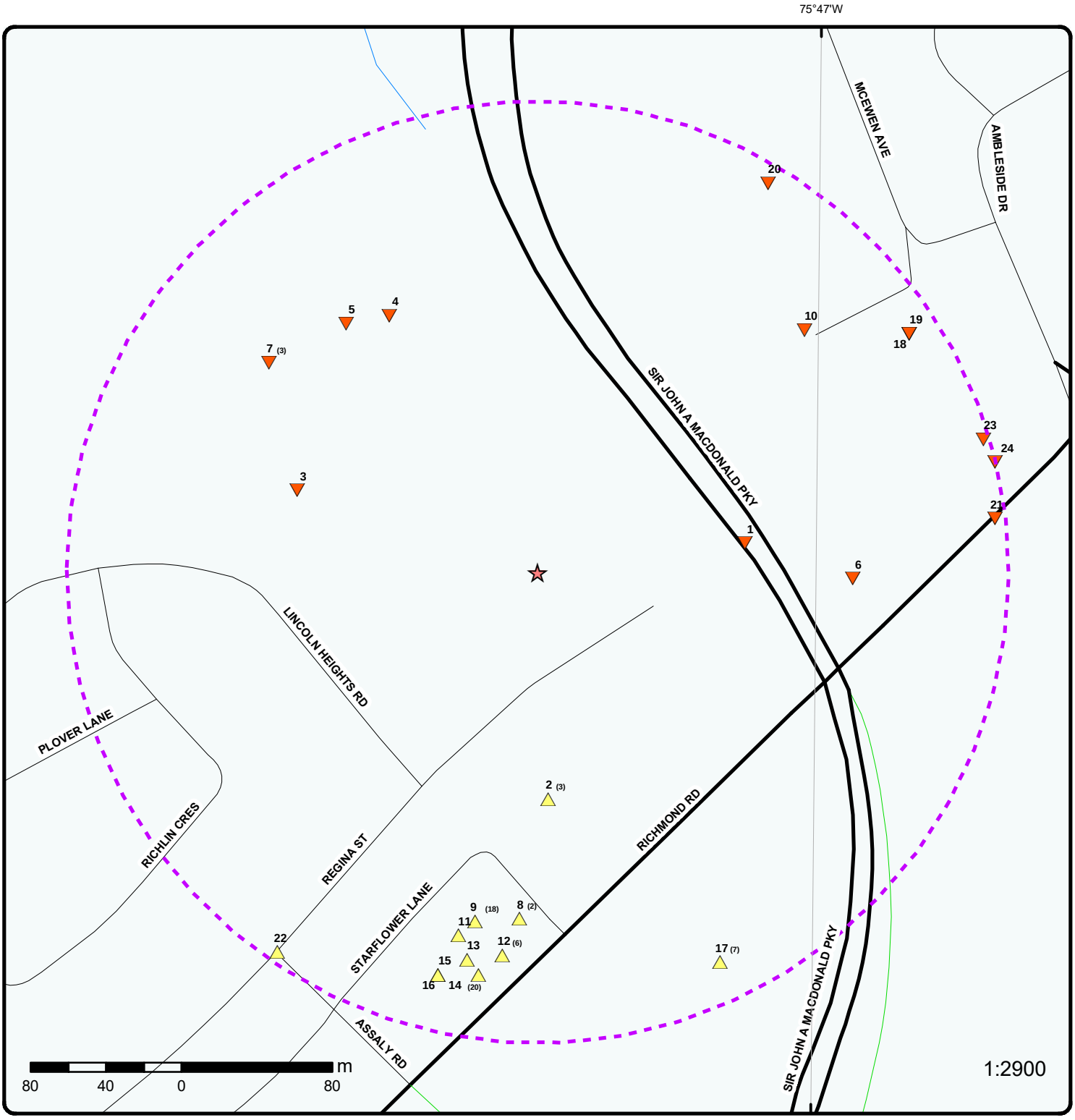
Well ID: 7224131

1181 RICHMOND RD Ottawa ON	ENE	246.78	**23**

Well ID: 7281787

1181 RICHMOND RD Ottawa ON	E	249.47	**24**

Well ID: 7281850

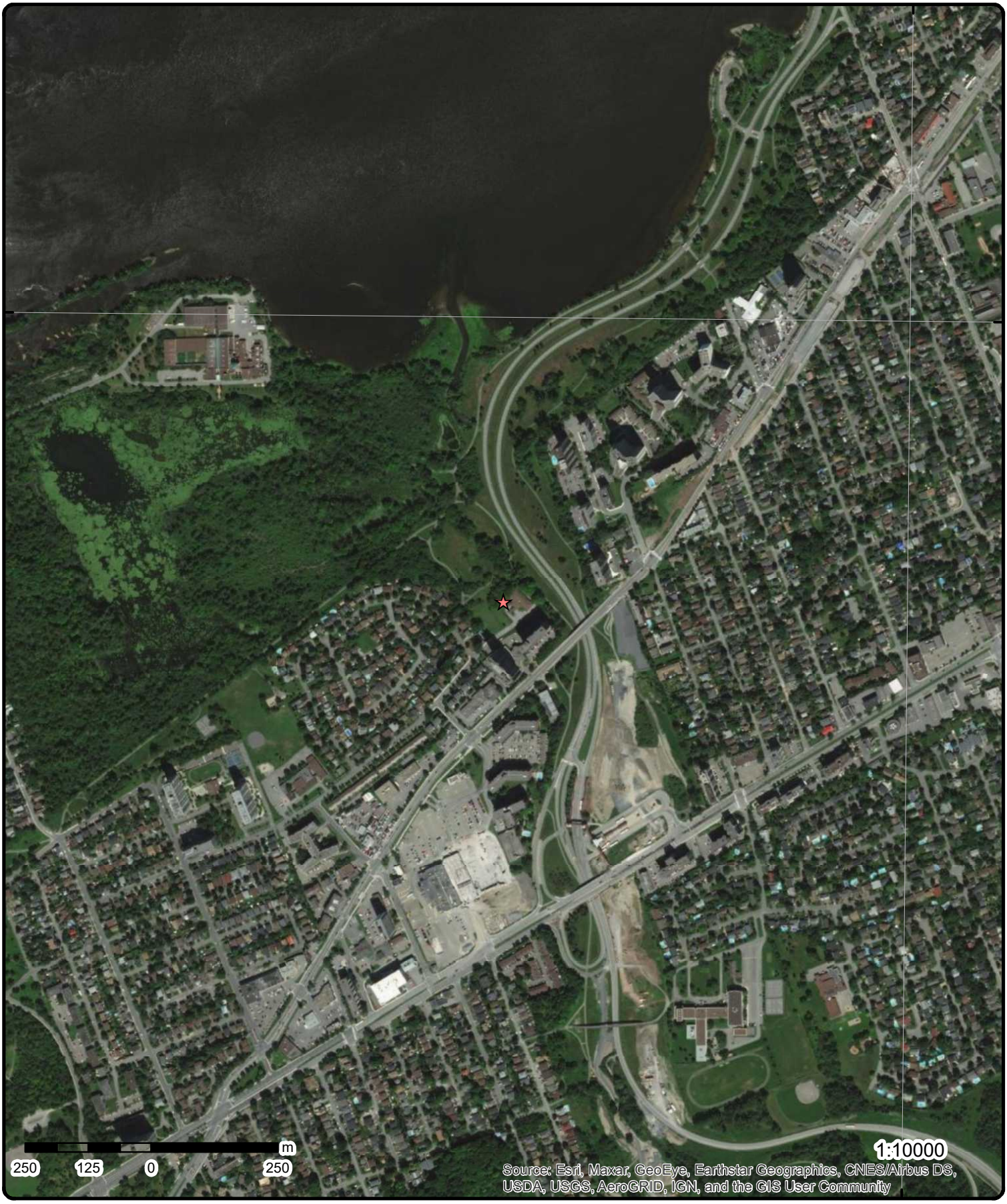


Map: 0.25 Kilometer Radius

Order Number: 21062400415

Address: 2475 Regina Street, 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



Aerial **Year: 2020**

Order Number: 21062400415

Address: 2475 Regina Street, Ottawa, ON

Source: ESRI World Imagery

Topographic Map

Address: 2475 Regina Street, ON

Source: ESRI World Topographic Map

Order Number: 21062400415

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	E/111.0	64.8 / -2.52	Former McGee Farm Landfill Ottawa ON	FCS

SGC:	3506008
Site ID:	00023357
Departmental ID:	95544
Depart Code:	NCC
Class Type:	2
Class:	Medium Priority for Action
Site Name:	Former McGee Farm Landfill
Site Name (FR):	Ancinenne Site D'Enfouissement de la Ferme McGee
Site Status:	Active
Site Status Desc:	Initial testing completed. Detailed testing underway.
Site Status (FR):	Active
Description (FR):	Première analyse terminée. Analyse détaillée en cours.
Involv Code:	
Census Division:	Ottawa
Municipality:	Ottawa
Census Sub Class:	1
Latitude:	45.370075
Longitude:	-75.783802
Location:	
Protected Data:	0
FED:	079
Fed Electoral District:	Ottawa West--Nepean
Fed Electoral District (FR):	Ottawa-Ouest--Nepean
Metro:	
Nearest Pop. Area:	
Highest Step Cmpltd:	4
Site Deleted Flag:	
Created:	2011-09-29T09:41:00
Modified:	2020-06-09T09:23:05.487
Property No.:	02489
Est m³ Contmnted:	
Est Ha Contmnted:	
Est Tons Contamin:	
Est Population at 1 Km:	11,743
Est Population at 5 Km:	181,730
Est Population at 10 Km:	466,253
Est Population at 25 Km:	1,160,764
Est Population at 50 Km:	1,445,684
Reporting Org:	
Reporting Org (FR):	
Reason for Involv:	Federal Real Property
Reason for Involv (FR):	Biens immobiliers fédéraux
Liable Third Party:	
Class (FR):	Priorité d'intervention moyenne
Action Plan:	
Action Plan (FR):	
Site Mgmnt Strategy:	
Minimap URL:	http://www.tbs-sct.gc.ca/fcsi-rscf/minimap.aspx?fsi=00023357
Additional Info:	
Additional Info (FR):	

Contamination

Contaminant: PCBs (Polychlorinated Biphenyl) and PCDD/Fs (polychlorinated dibenzo-p-dioxin/dibenzofuran)
Contamination (FR): BCP (diphényle polychloré) et PCDD/F (dibenzodioxine/dibenzofurane polychlorée)
Medium Code: 2
Medium: Groundwater
Medium (FR): Eau souterraine

Contaminant: Other organics
Contamination (FR): Autre matériel organique
Medium Code: 2
Medium: Groundwater
Medium (FR): Eau souterraine

Contaminant: PAHs (polycyclic aromatic hydrocarbon)
Contamination (FR): HAP (hydrocarbures aromatiques polycycliques)
Medium Code: 2
Medium: Groundwater
Medium (FR): Eau souterraine

Contaminant: Metal, metalloid, and organometallic
Contamination (FR): Métaux, métalloïdes, et organométalliques
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Contaminant: PHCs (petroleum hydrocarbons)
Contamination (FR): HCP (hydrocarbures pétroliers)
Medium Code: 5
Medium: Soil
Medium (FR): Sol

Annual Data

Fiscal Year: 2014-2015
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 0.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00

FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2012-2013
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 1790.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 1432.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2017-2018
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00

Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2018-2019
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2011-2012
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	

Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	95.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	76.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2013-2014
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

Annual Data

Fiscal Year:	2016-2017
Reporting Organization:	NCC
Reporting Organization (EN):	National Capital Commission
Reporting Organization (FR):	Commission de la Capitale nationale
Class Type:	
Class (EN):	
Class (FR):	
CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	

Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: No
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 0.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 0.00
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2015-2016
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):
CCME Flag:
CCME NCS Year:
Step Name (EN):
Step Name (FR):
Highest Step Completed: 04
Highest Step Completed Desc:
Planned Compl Date Step7:
Planned Compl Date Step8:
Planned Compl Date Step9:
Created:
Modified:
NCSCS Year:
Closed: Yes
Actual Cubic Metres Rem: 0.0000
Actual Hectares Rem: 0.0000
Actual Tons Remediated: 0.0000
Total Asmt Expenditure: 10523.00
Total Remediation Expenditure: 0.00
Total Care/Maint Expenditur: 0.00
Total Mntring Expenditure: 0.00
Ttl Expenditure Reduc Liabil:
FCSAP Asmt Expenditure: 8418.40
FCSAP Remed Expenditure: 0.00
FCSAP Care/Maint Expenditur: 0.00
FCSAP Mntring Expenditure: 0.00

Annual Data

Fiscal Year: 2019-2020
Reporting Organization: NCC
Reporting Organization (EN): National Capital Commission
Reporting Organization (FR): Commission de la Capitale nationale
Class Type:
Class (EN):
Class (FR):

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

CCME Flag:	
CCME NCS Year:	
Step Name (EN):	
Step Name (FR):	
Highest Step Completed:	04
Highest Step Completed Desc:	
Planned Compl Date Step7:	
Planned Compl Date Step8:	
Planned Compl Date Step9:	
Created:	
Modified:	
NCSCS Year:	
Closed:	No
Actual Cubic Metres Rem:	0.0000
Actual Hectares Rem:	0.0000
Actual Tons Remediated:	0.0000
Total Asmt Expenditure:	0.00
Total Remediation Expenditure:	0.00
Total Care/Maint Expenditur:	0.00
Total Mntring Expenditure:	0.00
Ttl Expenditure Reduc Liabil:	
FCSAP Asmt Expenditure:	0.00
FCSAP Remed Expenditure:	0.00
FCSAP Care/Maint Expenditur:	0.00
FCSAP Mntring Expenditure:	0.00

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2 **1 of 3** **S/120.5** **69.9 / 2.53** **HOMESTEAD LAND HOLDINGS LTD**
1285 RICHMOND RD
OTTAWA ON K2B 7Z4
GEN

Generator No:	ON4861379	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

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

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2 **2 of 3** **S/120.5** **69.9 / 2.53** **HOMESTEAD LAND HOLDINGS LTD**
1285 RICHMOND RD
OTTAWA ON K2B 7Z4
GEN

Generator No:	ON4861379	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2020	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	263 L
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	148 L
Waste Class Desc:	Misc. wastes and inorganic chemicals

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

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: 269 T
Waste Class Desc: Organic non-halogenated pesticide and herbicide wastes

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

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

2	3 of 3	S/120.5	69.9 / 2.53	**HOMESTEAD LAND HOLDINGS LTD** **1285 RICHMOND RD** **OTTAWA ON K2B 7Z4**	GEN

Generator No: ON4861379
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: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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

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

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

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

Waste Class: 269 T
Waste Class Desc: Organic non-halogenated pesticide and herbicide wastes

Waste Class: 113 C
Waste Class Desc: Acid solutions - containing other metals and non-metals

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

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

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3 **1 of 1** **WNW/134.6** **62.0 / -5.34** **LINCOLN HEIGHTS DRIVE**
Ottawa ON **WWIS**

Well ID:	7129289	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	9/8/2009
Sec. Water Use:	Other	**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	5
Audit No:	M04491	**Owner:**	
Tag:	A074633	**Street Name:**	LINCOLN HEIGHTS 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\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.3701027043469
Longitude: -75.786118922944
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.3705259911483
Longitude: -75.7860864755954
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.3702419287538
Longitude: -75.785507871627
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.3698304040012
Longitude: -75.7864471791078
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/19
Year Completed: 2009
Depth (m):
Latitude: 45.3703047916501
Longitude: -75.7868368668083
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/23
Year Completed: 2009
Depth (m): 6.6
Latitude: 45.3704999111057
Longitude: -75.7846430504745
Path: 712\7129289.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7129289.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/19
Year Completed: 2009
Depth (m):
Latitude: 45.3703827162697
Longitude: -75.7872849130898
Path: 712\7129289.pdf

Bore Hole Information

Bore Hole ID: 1002820297
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 19-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 61.137847
Elevrc:
Zone: 18
East83: 438386.00
North83: 5024389.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID:	1002820301
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002820300
Method Construction Code:	
Method Construction:	
Other Method Construction:	HSA

Pipe Information

Pipe ID:	1002820302
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002820304
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	0.800000011920929
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002820303
Layer:	
Slot:	
Screen Top Depth:	0.800000011920929
Screen End Depth:	2.5
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002820305
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: 1002820299
Diameter: 20.0
Depth From:
Depth To: 3.5999999046325684
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002716658
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole: No
Cluster Kind:
Date Completed: 23-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 62.736869
Elevrc:
Zone: 18
East83: 438558.00
North83: 5024409.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002820308
Layer: 2
Color: 2
General Color: GREY
Mat1: 01
Most Common Material: FILL
Mat2: 06
Mat2 Desc: SILT
Mat3: 81
Mat3 Desc: SANDY
Formation Top Depth: 3.0
Formation End Depth: 6.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002820307
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 06
Mat2 Desc: SILT
Mat3: 81
Mat3 Desc: SANDY

Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002820310
Layer: 1
Plug From: 0
Plug To: 0.5
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002820314
Method Construction Code: F
Method Construction: H.S.A.
Other Method Construction:

Pipe Information

Pipe ID: 1002820306
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1002820311
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

Hole Diameter

Hole ID: 1002820309
Diameter: 20.0
Depth From: 0.0
Depth To: 6.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002820252
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 18-Mar-2009 00:00:00
Remarks:
Elevrc Desc:

Elevation: 61.155651
Elevrc:
Zone: 18
East83: 438445.00
North83: 5024413.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002820256
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002820255
Method Construction Code:
Method Construction:
Other Method Construction: HSA

Pipe Information

Pipe ID: 1002820257
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002820259
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 0.800000011920929
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002820258
Layer:
Slot:
Screen Top Depth: 0.800000011920929
Screen End Depth: 2.79999995231628
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002820260
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: 1002820254
Diameter: 20.0
Depth From:
Depth To: 4.800000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002820279
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 18-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 63.009407
Elevrc:
Zone: 18
East83: 438416.00
North83: 5024336.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002820283
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002820282
Method Construction Code:
Method Construction:
Other Method Construction: HSA

Pipe Information

Pipe ID: 1002820284
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1002820286
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	0.899999976158142
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002820285
Layer:	
Slot:	
Screen Top Depth:	0.899999976158142
Screen End Depth:	2.70000004768372
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002820287
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:	1002820281
Diameter:	20.0
Depth From:	
Depth To:	4.800000190734863
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002820261	***Elevation:***	63.188312
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438490.00
Code OB Desc:		***North83:***	5024381.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3

Date Completed:	18-Mar-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:	1002820265
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002820264
Method Construction Code:	
Method Construction:	
Other Method Construction:	HSA

Pipe Information

Pipe ID:	1002820266
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002820268
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	0.5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002820267
Layer:	
Slot:	
Screen Top Depth:	0.5
Screen End Depth:	2.29999995231628
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002820269
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: 1002820263
Diameter: 20.0
Depth From:
Depth To: 3.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002820270
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 18-Mar-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 62.665599
Elevrc:
Zone: 18
East83: 438442.00
North83: 5024366.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002820274
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002820273
Method Construction Code:
Method Construction:
Other Method Construction: HSA

Pipe Information

Pipe ID: 1002820275

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002820277
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 0.899999976158142
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002820276
Layer:
Slot:
Screen Top Depth: 0.899999976158142
Screen End Depth: 2.79999995231628
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002820278
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: 1002820272
Diameter: 20.0
Depth From:
Depth To: 4.300000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002820288
DP2BR:
Spatial Status:
Code OB:
Elevation: 60.512447
Elevrc:
Zone: 18
East83: 438351.00

Code OB Desc:		***North83:***	5024398.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	19-Mar-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:	1002820292
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002820291
Method Construction Code:	
Method Construction:	
Other Method Construction:	HSA

Pipe Information

Pipe ID:	1002820293
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002820295
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	2.5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002820294
Layer:	
Slot:	
Screen Top Depth:	2.5
Screen End Depth:	3.70000004768372
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID: 1002820296
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: 1002820290
Diameter: 20.0
Depth From:
Depth To: 3.700000047683716
Hole Depth UOM: m
Hole Diameter UOM: cm

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4 ***1 of 1*** ***NW/157.1*** ***59.7 / -7.67*** ***Parkway & Richmond Dump*** ***ANDR***

Ottawa ON K2B

Legal Description: Nepean Con 1 Lot 23 pt
Location Description: Parkway nr Richmond Rd, 50m SE of old CPR R-O-W, within greenspace NE of Lincoln Hts Rd*, E of Ottawa River Pkwy*
Municipality: Ottawa City
Current Municipality: Ottawa City
RM: Ottawa-Carleton Region
Facility: Dump
Date Active: pre 1970
Date Begun:
Date Complete:
Area (Ha):
Landfill Type:
Group Name: Ottawa River
Operated By:
Serial: MOEE 1007
NTS: 31G05
Diameter (m):

Historical Summary:

Parkway & Richmond Dump MOEE 1994 Parkway nr Richmond Rd cited as closed waste disposal site (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093). Datapoint plots to Nepean Con 1 Lot 23 pt . 1954 Airphotomap No ground disturbance visible [YUML: 1954 Airphotomap 453754E]. 1965 Military Town Plan ASE 306 Not marked, site is 50m SE of CPR R-O-W [1965 Military Town Plan Ottawa-Hull ASE 306 Edition 1 (produced 1965)]. 1968 NTS Map 31G05 Not marked [1968 NTS Map Ottawa-Hull Sheet 31G05 edition 7 (air photos 1967, publication 1968)]. 1973 Military Town Plan MCE 306 Not marked, site is within greenspace NE of Lincoln Hts Rd*, E of Ottawa River Pkwy* [1973 Military Town Plan Ottawa-Hull MCE 306 Edition 2 (information 1972, produced 1973)]. 1976 NTS Map 31G05 Not marked [1976 NTS Map Ottawa-Hull Sheet 31G05 edition 8 (air photos 1975, culture check 1975, information 1975, publication 1976)]. 1982 Military Town Plan MCE 306 Not marked [1982 Military Town Plan Ottawa-Hull MCE 306 Edition 5 (information 1980, produced 1982)]. 1983 NTS Map 31G05 Not marked [1983 NTS Map Ottawa-Hull Sheet 31G05 edition 9 (air photos 1979, culture check 1979, publication 1983)]. 1987 NTS Map 31G05 Not marked [1987 NTS Map Ottawa-Hull Sheet 31G05 edition 10 (air photos 1984, culture check 1985, publication 1987)]. *[1992] MapArt Corporation Ontario, Towns and Cities [Street Atlas].

Waste Type:
UTM X Nad 27: 438410

UTM Y Nad 27: 5024260
UTM Zone: 18

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5 | **1 of 1** | **NW/166.4** | **59.9 / -7.47** | **Parkway nr Richmond Rd OTTAWA ON** | **WDSH**

Site No.: X1007
Region: SOUTHEAST
County: OTTAWA CARLETON
Concession:
Lot: Parkway nr Richmond Rd
Easting: 438410
Northing: 5024260
Zone: 18
Date Closed:
Status: CLOSED
Classification: A5 - POTENTIAL HUMAN IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED 10-20 YRS
%CommericialWste: n/a
%DomesticWste Rec: n/a
%LiquidWste Rec: n/a
%HazardousWste Rec: n/a
%Non-haz.Wste Rec: n/a
%Sewage/Sludge Rec: n/a
%Other Wste Rec: n/a

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6 | **1 of 1** | **E/167.2** | **63.9 / -3.41** | **ON** | **BORE**

Borehole ID: 610995
OGF ID: 215512505
Status:
Type: Borehole
Use:
Completion Date: NOV-1963
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: 60
Elev Reliabil Note:
DEM Ground Elev m: 65.8
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: 45.369909
Longitude DD: -75.783069
UTM Zone: 18
Easting: 438681
Northing: 5024342
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218387172
Top Depth: 2.6
Bottom Depth: 3
Material Color:
Material 1: Till
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL,SILT. COMPACT.

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

Geology Stratum ID: 218387174
Top Depth: 5.3
Bottom Depth:
Material Color: Red
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. WEATHERED,FRACTURED. WEATHERED,VERY DENSE. BEDROCK,DOLOMITE. BEDROCK, DOLOMITE. 00 **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:

Geology Stratum ID: 218387171
Top Depth: 0
Bottom Depth: 2.6
Material Color:
Material 1: Fill
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: FILL.

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

Geology Stratum ID: 218387173
Top Depth: 3
Bottom Depth: 5.3
Material Color:
Material 1: Boulders
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BOULDERS.

Mat Consistency:
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: OTTAWA1.txt RecordID: 035030 NTS_Sheet: 31G05C
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

7	1 of 3	WNW/180.8	59.8 / -7.55	285 LINCOLN HEIGHTS Ottawa ON	WWIS

Well ID: 7124632
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Test Hole

Data Entry Status:
Data Src:
Date Received: 6/25/2009
Selected Flag: True
Abandonment Rec:

Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	5
Audit No:	M04474	***Owner:***	
Tag:	A074563	***Street Name:***	285 LINCOLN HEIGHTS
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\7124632.pdf

Additional Detail(s) (Map)

Well Completed Date:	2008/09/24
Year Completed:	2008
Depth (m):	
Latitude:	45.370549124281
Longitude:	-75.7866486975124
Path:	712\7124632.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7124632.pdf

Additional Detail(s) (Map)

Well Completed Date:	2008/09/24
Year Completed:	2008
Depth (m):	
Latitude:	45.3709155052667
Longitude:	-75.7870368938447
Path:	712\7124632.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7124632.pdf

Additional Detail(s) (Map)

Well Completed Date:	2008/09/24
Year Completed:	2008
Depth (m):	1.22
Latitude:	45.3702993966861
Longitude:	-75.7863132043178
Path:	712\7124632.pdf

Bore Hole Information

Bore Hole ID:	1002802803	***Elevation:***	60.582420
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438401.00
Code OB Desc:		***North83:***	5024416.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	24-Sep-2008 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: 1002802807
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002802806
Method Construction Code:
Method Construction:
Other Method Construction: GEOPROBE

Pipe Information

Pipe ID: 1002802808
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002802810
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 0.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002802809
Layer:
Slot:
Screen Top Depth: 0.5
Screen End Depth: 1.20000004768372
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002802811
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: 1002802805
Diameter: 8.199999809265137
Depth From:
Depth To: 1.2200000286102295
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002495333
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole: No
Cluster Kind:
Date Completed: 24-Sep-2008 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 61.605167
Elevrc:
Zone: 18
East83: 438427.00
North83: 5024388.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002802822
Layer: 1
Color: 2
General Color: GREY
Mat1: 01
Most Common Material: FILL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 81
Mat3 Desc: SANDY
Formation Top Depth: 0.0
Formation End Depth: 1.2200000286102295
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002802824
Layer: 1
Plug From: 0
Plug To: 0.5

Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002802827
Method Construction Code: F
Method Construction: H.S.A.
Other Method Construction:

Pipe Information

Pipe ID: 1002802821
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1002802825
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 8.5

Hole Diameter

Hole ID: 1002802823
Diameter: 20.0
Depth From: 0.0
Depth To: 1.2000000476837158
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002802812
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 24-Sep-2008 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 59.478637
Elevrc:
Zone: 18
East83: 438371.00
North83: 5024457.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002802816
Layer:

Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1002802815
Method Construction Code:
Method Construction:
Other Method Construction: GEOPROBE

Pipe Information

Pipe ID: 1002802817
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002802819
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 0.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002802818
Layer:
Slot:
Screen Top Depth: 0.5
Screen End Depth: 1.20000004768372
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002802820
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:

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

Hole Diameter

Hole ID: 1002802814
Diameter: 8.199999809265137
Depth From:
Depth To: 1.2200000286102295
Hole Depth UOM: m
Hole Diameter UOM: cm

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7 | ***2 of 3*** | ***WNW/180.8*** | ***59.8 / -7.55*** | ***City of Ottawa***
285 Lincoln Heights Rd
Ottawa ON | ***CA***

Certificate #: 1618-8A9HPL
Application Year: 2010
Issue Date: 10/28/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

7 | ***3 of 3*** | ***WNW/180.8*** | ***59.8 / -7.55*** | ***City of Ottawa***
285 Lincoln Heights Rd
Ottawa ON K1P 1J1 | ***ECA***

Approval No: 1618-8A9HPL
Approval Date: 2010-10-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: City of Ottawa
Address: 285 Lincoln Heights Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8479-83TNTM-14.pdf

MOE District: Ottawa
City:
Longitude: -75.785
Latitude: 45.3699
Geometry X:
Geometry Y:

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8 | ***1 of 2*** | ***S/184.1*** | ***69.9 / 2.53*** | ***1299 to 1315 Richmond Rd.***
Ottawa ON K2B 7Y4 | ***EHS***

Order No: 20010501007
Status: C
Report Type: Complete Report
Report Date: 5/8/01
Date Received: 5/1/01
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Assaly Lane
Municipality:
Client Prov/State: ON
Search Radius (km): 0.35
X: -75.785537
Y: 45.368007

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8 | ***2 of 2*** | ***S/184.1*** | ***69.9 / 2.53*** | ***1299 Richmond Rd***
Ottawa ON K2B7Y4 | ***EHS***

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

Order No:	20170116121	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	20-JAN-17	**Search Radius (km):**	.25
Date Received:	16-JAN-17	**X:**	-75.785779
Previous Site Name:		**Y:**	45.368094
Lot/Building Size:			
Additional Info Ordered:			

9	1 of 18	SSW/187.9	69.9 / 2.53	ICMT 1305 RICHMOND ROAD OTTAWA ON K2B 7Y4	GEN

Generator No:	ON2675800	**PO Box No:**	
Status:		**Country:**	
Approval Years:	01,02,03,04,05,06,07,08	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	8681		
SIC Description:	MEDICAL LABORATORIES		

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

9	2 of 18	SSW/187.9	69.9 / 2.53	ICMT 1305 RICHMOND ROAD OTTAWA ON	GEN

Generator No:	ON2675800	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541380		
SIC Description:	Testing Laboratories		

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

9	3 of 18	SSW/187.9	69.9 / 2.53	ICMT 1305 RICHMOND ROAD OTTAWA ON	GEN

Generator No:	ON2675800	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541380		
SIC Description:	Testing Laboratories		

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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9 | ***4 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***ICMT***
1305 RICHMOND ROAD, Suite 205
OTTAWA ON | ***GEN***

Generator No: ON2675800
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 541380
SIC Description: Testing Laboratories

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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9 | ***5 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***Lincoln Heights Medical Centre***
1305Richmond Rd Suite 201
Ottawa ON K2B 7Y4 | ***GEN***

Generator No: ON5095063
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description:

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

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9 | ***6 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***Lincoln Heights Medical Centre***
1305Richmond Rd Suite 201
Ottawa ON K2B 7Y4 | ***GEN***

Generator No: ON5095063
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: Offices of Physicians

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

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9 | ***7 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***NutriChem Pharmacy Ltd.***
1305 RICHMOND ROAD, Suite 205
OTTAWA ON | ***GEN***

Generator No: ON2675800
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:

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

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

SIC Code: 541380
SIC Description: Testing Laboratories

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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9 | ***8 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***NutriChem Pharmacy Ltd.***
1305 RICHMOND ROAD, Suite 205
OTTAWA ON | ***GEN***

Generator No: ON2675800
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 541380
SIC Description: TESTING LABORATORIES

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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: 261
Waste Class Desc: PHARMACEUTICALS

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9 | ***9 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***Lincoln Heights Medical Centre***
1305Richmond Rd Suite 201
Ottawa ON | ***GEN***

Generator No: ON5095063
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	10 of 18	SSW/187.9	69.9 / 2.53	NutriChem Pharmacy Ltd. 1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	GEN

Generator No: ON2675800
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 541380
SIC Description: TESTING LABORATORIES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: T Clark
Phone No Admin: 613-739-1070 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	11 of 18	SSW/187.9	69.9 / 2.53	Lincoln Heights Medical Centre 1305Richmond Rd Suite 201 Ottawa ON K2B7Y4	GEN

Generator No: ON5095063
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Carol S Yang
Phone No Admin: 613-829-3221 Ext.

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	12 of 18	SSW/187.9	69.9 / 2.53	NutriChem Pharmacy Ltd. 1305 RICHMOND ROAD, Suite 205 OTTAWA ON K2B 7Y4	GEN

Generator No: ON2675800
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 541380
SIC Description: TESTING LABORATORIES

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: T Clark
Phone No Admin: 613-739-1070 Ext.

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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9 | ***13 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***Lincoln Heights Medical Centre***
1305Richmond Rd Suite 201
Ottawa ON K2B7Y4 | ***GEN***

Generator No: ON5095063
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Carol S Yang
Phone No Admin: 613-829-3221 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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9 | ***14 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***Lincoln Heights Medical Centre***
1305Richmond Rd Suite 201
Ottawa ON K2B7Y4 | ***GEN***

Generator No: ON5095063
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Carol S Yang
Phone No Admin: 613-829-3221 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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9 | ***15 of 18*** | ***SSW/187.9*** | ***69.9 / 2.53*** | ***NutriChem Pharmacy Ltd.***
1305 RICHMOND ROAD, Suite 205
OTTAWA ON K2B 7Y4 | ***GEN***

Generator No: ON2675800
Status:

PO Box No:
Country: Canada

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

Approval Years:	2014	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	T Clark
MHSW Facility:	No	**Phone No Admin:**	613-739-1070 Ext.
SIC Code:	541380		
SIC Description:	TESTING LABORATORIES		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	211
Waste Class Desc:	AROMATIC SOLVENTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	16 of 18	SSW/187.9	69.9 / 2.53	**Lincoln Heights Medical Centre Marian** **1305 Richmond Rd Suite 201** **Ottawa ON K2B7Y4**	GEN

Generator No:	ON5095063	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	17 of 18	SSW/187.9	69.9 / 2.53	**NutriChem Pharmacy Ltd.** **1305 RICHMOND ROAD, Suite 205** **OTTAWA ON K2B 7Y4**	GEN

Generator No:	ON2675800	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals

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

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

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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9 | **18 of 18** | **SSW/187.9** | **69.9 / 2.53** | **NutriChem Pharmacy Ltd.**
1305 RICHMOND ROAD, Suite 205
OTTAWA ON K2B 7Y4 | **GEN**

Generator No: ON2675800
Status: Registered
Approval Years: As of Oct 2019
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: 122 C
Waste Class Desc: Alkaline slutions - containing other metals and non-metals (not cyanide)

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

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

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

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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10 | **1 of 1** | **ENE/191.0** | **62.0 / -5.38** | **OTTAWA RIVER AND RICHMOND RD**
Ottawa ON | **WWIS**

Well ID: 7132696
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: M02598
Tag: A087265
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: 10/27/2009
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 5
Owner:
Street Name: OTTAWA RIVER AND RICHMOND RD
County: OTTAWA
Municipality: OTTAWA CITY
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/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/28
Year Completed: 2009
Depth (m): 3.66
Latitude: 45.3712339492459
Longitude: -75.7839252741975
Path: 713\7132696.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/01
Year Completed: 2009
Depth (m):
Latitude: 45.3710934459494
Longitude: -75.783412508692
Path: 713\7132696.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/01
Year Completed: 2009
Depth (m):
Latitude: 45.3720885580066
Longitude: -75.78400093544
Path: 713\7132696.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/01
Year Completed: 2009
Depth (m):
Latitude: 45.3720151514008
Longitude: -75.7842042542463
Path: 713\7132696.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/01
Year Completed: 2009
Depth (m):
Latitude: 45.3715492295138
Longitude: -75.783891317836
Path: 713\7132696.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/09/01
Year Completed: 2009

Depth (m):
Latitude: 45.3718283324987
Longitude: -75.7838824028987
Path: 713\7132696.pdf

Bore Hole Information

Bore Hole ID: 1003250577
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 01-Sep-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 61.159469
Elevrc:
Zone: 18
East83: 438619.00
North83: 5024556.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003250581
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003250580
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1003250582
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003250584
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM:

Construction Record - Screen

Screen ID: 1003250583
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003250585
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: 1003250579
Diameter:
Depth From:
Depth To:
Hole Depth UOM:
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID:	1003250595	***Elevation:***	64.791595
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438655.00
Code OB Desc:		***North83:***	5024474.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	01-Sep-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: 1003250599
Layer:
Plug From:

Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003250598
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1003250600
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003250602
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM:

Construction Record - Screen

Screen ID: 1003250601
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003250603
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: 1003250597
Diameter:
Depth From:
Depth To:
Hole Depth UOM:
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID:	1003250568	***Elevation:***	60.462558
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438594.00
Code OB Desc:		***North83:***	5024577.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:	This is a record from cluster log sheet	***UTMRC:***	3
Date Completed:	01-Sep-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: 1003250572
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003250571
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1003250573
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003250575
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM:

Construction Record - Screen

Screen ID: 1003250574
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003250576
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: 1003250570
Diameter:
Depth From:
Depth To:
Hole Depth UOM:
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1003250586
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 01-Sep-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 62.419425
Elevrc:
Zone: 18
East83: 438618.00
North83: 5024525.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003250590
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003250589
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1003250591
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003250593
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM:

Construction Record - Screen

Screen ID: 1003250592
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003250594
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: 1003250588
Diameter:
Depth From:
Depth To:
Hole Depth UOM:
Hole Diameter UOM:

Bore Hole Information

Bore Hole ID: 1002766691
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 28-Sep-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 62.977439
Elevrc:
Zone: 18
East83: 438615.00
North83: 5024490.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1003250606
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 0.30000001192092896
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003250605
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 06
Mat2 Desc: SILT
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 0.0
Formation End Depth: 0.30000001192092896
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	1003250607
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	2.130000114440918
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003250609
Layer:	1
Plug From:	0
Plug To:	0.910000026226044
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003250610
Layer:	2
Plug From:	0.910000026226044
Plug To:	3.66000008583069
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003250615
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

Pipe Information

Pipe ID:	1003250604
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003250611
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.66000008583069
Casing Diameter:	3.45000004768372
Casing Diameter UOM:	cm

Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003250612
Layer: 1
Slot: 10
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.21000003814697

Hole Diameter

Hole ID: 1003250608
Diameter: 8.25
Depth From: 0.0
Depth To: 3.6600000858306885
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1003250559
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 01-Sep-2009 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 60.393421
Elevrc:
Zone: 18
East83: 438610.00
North83: 5024585.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003250563
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID: 1003250562
Method Construction Code:
Method Construction:
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1003250564

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003250566
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM:

Construction Record - Screen

Screen ID: 1003250565
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003250567
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: 1003250561
Diameter:
Depth From:
Depth To:
Hole Depth UOM:
Hole Diameter UOM:

11	*1 of 1*	*SSW/197.3*	*69.9 / 2.53*	***1299 - 1315 Richmond Road Ottawa ON K2B 8J7***	***EHS***

Order No: 20070515025
Status: C
Report Type: CAN - Complete Report
Nearest Intersection:
Municipality:
Client Prov/State:

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

Report Date: 5/25/2007
Date Received: 5/15/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Search Radius (km): 0.25
X: -75.785718
Y: 45.368188

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12 **1 of 6** **S/204.0** **69.9 / 2.53**

RICHMOND TECHNICAL SERVICES
1303 RICHMOND RD.
OTTAWA ON K2B 7Y4

GEN

Generator No: ON0869101
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8682
SIC Description: RADIOLOGICAL LAB.

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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12 **2 of 6** **S/204.0** **69.9 / 2.53**

RICHMOND TECHNICAL SERVICES
1303 RICHMOND ROAD
OTTAWA ON K2B 7Y4

GEN

Generator No: ON0869101
Status:
Approval Years: 92,93,97,98,99,00,01,03
Contam. Facility:
MHSW Facility:
SIC Code: 8682
SIC Description: RADIOLOGICAL LAB.

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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12 **3 of 6** **S/204.0** **69.9 / 2.53**

RICHMOND TECHNICAL SERVICES 33-349
1303 RICHMOND RD.
OTTAWA ON K2B 7Y4

GEN

Generator No: ON0869101
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8682
SIC Description: RADIOLOGICAL LAB.

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

---

12 **4 of 6** **S/204.0** **69.9 / 2.53**

RICHMOND TECHNICAL SERVICES
1303 RICHMOND ROAD

GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				OTTAWA ON K2B 7Y4	

Generator No: ON0869101
Status:
Approval Years: 02
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

---

12 | **5 of 6** | **S/204.0** | **69.9 / 2.53** | **NUTRI-CHEM PHARMACY LTD.**
1303 RICHMOND ROAD
OTTAWA ON K2B 7Y4 | **GEN**

Generator No: ON2033700
Status:
Approval Years: 95,96,97,98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 6031
SIC Description: PHARMACIES

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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12 | **6 of 6** | **S/204.0** | **69.9 / 2.53** | **RICHMOND TECHNICAL SERVICES**
1303 RICHMOND ROAD
OTTAWA ON K2B 7Y4 | **GEN**

Generator No: ON0869101
Status:
Approval Years: 04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

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13 | **1 of 1** | **SSW/209.1** | **69.9 / 2.53** | **1315 RICHMOND ROAD**
Ottawa ON | **WWIS**

Well ID: 7052464
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z63680
Tag: A063709
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src:
Date Received: 11/16/2007
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 4
Owner:
Street Name: 1315 RICHMOND ROAD
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
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/705\7052464.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/15
Year Completed: 2007
Depth (m): 6.1
Latitude: 45.3680715798065
Longitude: -75.7856566085106
Path: 705\7052464.pdf

Bore Hole Information

Bore Hole ID:	23052464	***Elevation:***	70.749282
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438476.00
Code OB Desc:		***North83:***	5024140.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	15-Oct-2007 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:			

Overburden and Bedrock Materials Interval

Formation ID: 1001494683
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 08
Mat3 Desc: FINE SAND
Formation Top Depth: 3.0999999046325684
Formation End Depth: 4.269999980926514
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001494684
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3: 91

Mat3 Desc:	WATER-BEARING
Formation Top Depth:	4.269999980926514
Formation End Depth:	6.099999904632568
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001494682
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	68
Mat3 Desc:	DRY
Formation Top Depth:	1.8300000429153442
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001494681
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	1.8300000429153442
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001494686
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001494688
Layer:	3
Plug From:	2.44000005722046
Plug To:	6.09999990463257
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001494687
Layer:	2

Plug From: 0.310000002384186
Plug To: 2.44000005722046
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001494693
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DIRECT PUSH

Pipe Information

Pipe ID: 1001494679
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001494690
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 3.09999990463257
Casing Diameter: 3.80999994277954
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001494691
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001494680
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

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

Water Details

Water ID: 1001494689
Layer: 1
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001494685
Diameter: 8.890000343322754
Depth From:
Depth To: 6.099999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

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14 ***1 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***SPIC & SPAN-VALETOR-CASH CLEANERS*** ***GEN***
1315 RICHMOND ROAD C/O 1764 WOODWARD DRIVE
OTTAWA ON K2B 8J7

Generator No: ON0573405
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 ***2 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***SPIC & SPAN 2000 INC. 35-136*** ***GEN***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7

Generator No: ON0573405
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 ***3 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***SPIC & SPAN 2000 INC*** ***GEN***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7

Generator No: ON0573405
Status:
Approval Years: 97,98

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: 9721
SIC Description: POWER LAUND./CLEANERS

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 ***4 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***SPIC & SPAN 2000 INC.***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7 ***GEN***

Generator No: ON0573405 ***PO Box No:***
Status: ***Country:***
Approval Years: 99,00,01,05,06,07,08 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 ***5 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***CARLING-RICHMOND CLEANERS***
1315 RICHMOND RD.
OTTAWA ON K2B 8J7 ***GEN***

Generator No: ON1288300 ***PO Box No:***
Status: ***Country:***
Approval Years: 92,93,94 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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14 ***6 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***SPIC AND SPAN 2000***
1315 RICHMOND ROAD, SUITE #9
OTTAWA ON K2B 8J7 ***GEN***

Generator No: ON2665900 ***PO Box No:***
Status: ***Country:***
Approval Years: 01,02,03,04 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 ***7 of 20*** ***S/215.9*** ***69.9 / 2.53*** ***Dymon Capital***
1315 Richmond Rd
Ottawa ON K2B 8J7 ***GEN***

Generator No: ON2666662
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	8 of 20	S/215.9	69.9 / 2.53	1299 to 1315 Richmond Road Ottawa ON K2B 8J7	EHS

Order No: 20060612009
Status: C
Report Type: Complete Report
Report Date: 6/20/2006
Date Received: 6/12/2006
Previous Site Name:
Lot/Building Size: 26,000 square feet
Additional Info Ordered: Fire Insur. Maps and/or Site Plans
Nearest Intersection: north side of Richmond Road, between Ottawa River Parkway and Assaly Road
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.785579
Y: 45.368001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	9 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No: ON0573405
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	10 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No: ON0573405
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	11 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No: ON0573405
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	12 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No: ON0573405
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated)

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	13 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON	GEN

Generator No: ON0573405
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	14 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No: ON0573405
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Yogaprabha Selvaraj
Phone No Admin: 613-829-4777 Ext.

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

SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 | ***15 of 20*** | ***S/215.9*** | ***69.9 / 2.53*** | ***SPIC & SPAN 2000 INC.***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7 | ***GEN***

Generator No: ON0573405
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Yogaprabha Selvaraj
Phone No Admin: 613-829-4777 Ext.

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 | ***16 of 20*** | ***S/215.9*** | ***69.9 / 2.53*** | ***SPIC & SPAN 2000 INC.***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7 | ***GEN***

Generator No: ON0573405
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 812320
SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Yogaprabha Selvaraj
Phone No Admin: 613-829-4777 Ext.

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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14 | ***17 of 20*** | ***S/215.9*** | ***69.9 / 2.53*** | ***SPIC & SPAN 2000 INC.***
1315 RICHMOND ROAD
OTTAWA ON K2B 8J7 | ***GEN***

Generator No: ON0573405
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: 241 H
Waste Class Desc: Halogenated solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	18 of 20	S/215.9	69.9 / 2.53	Spic And Span 2000 Dry Cleaning 1315 Richmond Rd Ottawa ON K2B8J7	CDRY

Legal Name of Company: 1663082 ON Inc

Waste Quantity by Year

Reporting Year:	2018
Quantity of PERC (kg):	97
Total Waste Water (kg):	0
Total Waste Water (L):	0
Total Residue (kg):	0
Total Residue (L):	0
Total Mix (kg):	115
Total Mix (L):	0
Request for Confidentiality:	no
Reason for Confidentiality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	19 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No:	ON0573405	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2020	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	241 H
Waste Class Desc:	Halogenated solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	20 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN

Generator No:	ON0573405	**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:	241 H
Waste Class Desc:	Halogenated solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	SSW/220.0	69.9 / 2.55	ON	BORE

Borehole ID:	610988	**Inclin FLG:**	No
OGF ID:	215512498	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	

Completion Date:	NOV-1958	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.368
Total Depth m:	43.6	**Longitude DD:**	-75.785852
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438461
Drill Method:		**Northing:**	5024132
Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	71		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387147	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	13.7	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218387148	**Mat Consistency:**	Dense
Top Depth:	13.7	**Material Moisture:**	
Bottom Depth:	43.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00140IFIED,SOIL. UNSPECIFIED,TILL. LOOSE. UNSPECIFIED,TILL, 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:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03496 NTS_Sheet:		
Confiden 1:			

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		

16	1 of 1	SSW/220.1	69.9 / 2.55	ON	WWIS

Well ID:	1508687	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/16/1959
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4825
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
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/150\1508687.pdf

Additional Detail(s) (Map)

Well Completed Date:	1958/11/24
Year Completed:	1958
Depth (m):	43.5864
Latitude:	45.3679982230266
Longitude:	-75.7858522495947
Path:	150\1508687.pdf

Bore Hole Information

Bore Hole ID:	10030721	***Elevation:***	70.976737
DP2BR:	45.00	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	438460.60
Code OB Desc:	Bedrock	***North83:***	5024132.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	24-Nov-1958 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010337
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931010338
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 143.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508687
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10579291
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054075
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 143
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930054074
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 52
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991508687
Pump Set At:	
Static Level:	18.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	22.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	4.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933463312
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140.0
Water Found Depth UOM:	ft

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17 ***1 of 7*** ***SE/228.5*** ***67.8 / 0.45*** ***ONTARIO HYDRO AT THE LINCOLN HEIGHTS TRANSFORMER STATION AT 1290 RICHMOND RD. TRANSFORMER OTTAWA CITY ON*** ***SPL***

Ref No:	92498	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/18/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***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:	Other	***Site Lot:***	
Receiving Medium:	AIR	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/19/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	FIRE/EXPLOSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ONT.HYDRO - 280 KG OF HALON GAS TO AIR DUE TO FIRE.		
Contaminant Qty:			

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17 ***2 of 7*** ***SE/228.5*** ***67.8 / 0.45*** ***Hydro One Netyworks Inc. 1290 Ricmond Road Lincoln Heights TS*** ***GEN***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Ottawa ON K1Z 0B1	

Generator No: ON5608342
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Mike Harvey
Phone No Admin: 866-782-4489 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

17	3 of 7	SE/228.5	67.8 / 0.45	**Hydro One Netyworks Inc.** **1290 Ricmond Road Lincoln Heights TS** **Ottawa ON K1Z 0B1**	GEN

Generator No: ON5608342
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Mike Harvey
Phone No Admin: 866-782-4489 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

17	4 of 7	SE/228.5	67.8 / 0.45	**Hydro One Netyworks Inc.** **1290 Ricmond Road Lincoln Heights TS** **Ottawa ON K1Z 0B1**	GEN

Generator No: ON5608342
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: 251 T
Waste Class Desc: Waste oils/sludges (petroleum based)

17	5 of 7	SE/228.5	67.8 / 0.45	**Hydro One Netyworks Inc.** **1290 Ricmond Road Lincoln Heights TS** **Ottawa ON K1Z 0B1**	GEN

Generator No: ON5608342
Status:
Approval Years: 2016
Contam. Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Mike Harvey

MHSW Facility: No
SIC Code: 221122
SIC Description: ELECTRIC POWER DISTRIBUTION
Phone No Admin: 866-782-4489 Ext.

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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17 | ***6 of 7*** | ***SE/228.5*** | ***67.8 / 0.45*** | ***GEN***

Hydro One Netyworks Inc.
1290 Ricmond Road Lincoln Heights TS
Ottawa ON K1Z 0B1

Generator No: ON5608342
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: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

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

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17 | ***7 of 7*** | ***SE/228.5*** | ***67.8 / 0.45*** | ***GEN***

Hydro One Netyworks Inc.
1290 Ricmond Road Lincoln Heights TS
Ottawa ON K1Z 0B1

Generator No: ON5608342
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: 251 T
Waste Class Desc: Waste oils/sludges (petroleum based)

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

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18 | ***1 of 1*** | ***ENE/234.1*** | ***60.9 / -6.47*** | ***ON*** | ***WWIS***

Well ID: 1508448
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Data Entry Status:
Data Src: 1
Date Received: 11/26/1951
Selected Flag: True
Abandonment Rec:
Contractor: 4832
Form Version: 1
Owner:
Street Name:

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/150\1508448.pdf

Additional Detail(s) (Map)

Well Completed Date:	1950/12/28
Year Completed:	1950
Depth (m):	30.7848
Latitude:	45.3710803126014
Longitude:	-75.7827022816237
Path:	150\1508448.pdf

Bore Hole Information

Bore Hole ID:	10030482	**Elevation:**	66.002395
DP2BR:	52.00	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	438710.60
Code OB Desc:	Bedrock	**North83:**	5024472.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	28-Dec-1950 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009692
Layer:	3
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009693

Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 101.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009691
Layer: 2
Color:
General Color:
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009690
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508448
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579052
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930053611
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	101
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053610
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	53
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508448
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	
Pumping Rate:	3.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	10
Flowing:	No

Water Details

Water ID:	933462948
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462951
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462949
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933462950
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	89.0
Water Found Depth UOM:	ft

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19 ***1 of 1*** ***ENE/234.3*** ***60.9 / -6.47*** ***ON*** ***BORE***

Borehole ID:	611001	**Inclin FLG:**	No
OGF ID:	215512510	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	DEC-1950	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.371082
Total Depth m:	30.8	**Longitude DD:**	-75.782702
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	438711
Drill Method:		**Northing:**	5024472
Orig Ground Elev m:	61	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	66		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218387187	**Mat Consistency:**	Dense
Top Depth:	15.8	**Material Moisture:**	
Bottom Depth:	30.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00074HERED,FRACTURED. WEATHERED,VERY DENSE. BEDROCK,DOLOMITE. BEDROCK,D **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218387184	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Soil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SOIL.

Geology Stratum ID: 218387185
Top Depth: 2.4
Bottom Depth: 12.2
Material Color:
Material 1: Fill
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: FILL.

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

Geology Stratum ID: 218387186
Top Depth: 12.2
Bottom Depth: 15.8
Material Color:
Material 1: Sand
Material 2: Fill
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND,FILL.

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

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: OTTAWA1.txt RecordID: 03509 NTS_Sheet:
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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20 **1 of 1** **NE/239.7** **59.9 / -7.47** **ON** **WWIS**

Well ID: 1508495
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 1/30/1956
Selected Flag: True
Abandonment Rec:
Contractor: 4825
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:

Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508495.pdf

Additional Detail(s) (Map)

Well Completed Date: 1955/12/12
Year Completed: 1955
Depth (m): 20.4216
Latitude: 45.3717937851609
Longitude: -75.7836699308869
Path: 150\1508495.pdf

Bore Hole Information

Bore Hole ID: 10030529
DP2BR: 16.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12-Dec-1955 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 61.155963
Elevrc:
Zone: 18
East83: 438635.60
North83: 5024552.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931009813
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009812
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 12

Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508495
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579099
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053701
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053702
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 67
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508495
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 28.0
Recommended Pump Depth:
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0

Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933463020
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

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21 | **1 of 1** | **E/244.2** | **61.9 / -5.47** | **1180 RICHMOND RD. OTTAWA ON** | **WWIS**

Well ID: 7224131
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z188217
Tag: A162998
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: 7/21/2014
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1180 RICHMOND RD.
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2014/06/11
Year Completed: 2014
Depth (m): 4.57
Latitude: 45.3702022349482
Longitude: -75.7821103932757
Path:

Bore Hole Information

Bore Hole ID: 1004949716
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Jun-2014 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation: 66.596580
Elevrc:
Zone: 18
East83: 438756.00
North83: 5024374.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1005233783
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	2.130000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005233785
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.6600000858306885
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005233784
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.130000114440918
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005233794
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005233795
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.57000017166138
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005233793
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005233792
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005233782
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1005233789
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:	1005233787
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005233786
Diameter:	10.920000076293945
Depth From:	0.0

Depth To: 4.570000171661377
Hole Depth UOM: m
Hole Diameter UOM: cm

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22 | **1 of 1** | **SW/244.3** | **68.7 / 1.40** | **OTTAWA CITY**
REGINA LANE/ASSALY STREET
OTTAWA CITY ON | **CA**

Certificate #: 3-0925-91-
Application Year: 91
Issue Date: 7/3/1991
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** | **ENE/246.8** | **61.4 / -5.92** | **1181 RICHMOND RD**
Ottawa ON | **WWIS**

Well ID: 7281787
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z238032
Tag: A191044
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: 2/24/2017
Selected Flag: True
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1181 RICHMOND RD
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/12/23
Year Completed: 2016
Depth (m): 5.13
Latitude: 45.3705797313077
Longitude: -75.7821922193124
Path:

Bore Hole Information

Bore Hole ID: 1006358753
DP2BR:
Spatial Status:

Elevation: 66.808349
Elevrc:
Zone: 18

Code OB:		**East83:**	438750.00
Code OB Desc:		**North83:**	5024416.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	23-Dec-2016 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:	1006600501
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.5999999046325684
Formation End Depth:	5.130000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006600499
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.3100000023841858
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006600500
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.0999999046325684
Formation End Depth:	3.5999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006600498
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006600509
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006600510
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.83000004291534
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006600511
Layer:	3
Plug From:	1.83000004291534
Plug To:	5.13000011444092
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006600508
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1006600497
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006600505
Layer:	1
Slot:	16
Screen Top Depth:	2.13000011444092
Screen End Depth:	5.13000011444092
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006600503
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006600502
Diameter:	11.399999618530273
Depth From:	0.0
Depth To:	5.130000114440918
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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24 ***1 of 1*** ***E/249.5*** ***61.9 / -5.42*** ***1181 RICHMOND RD Ottawa ON*** ***WWIS***

Well ID:	7281850	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	2/24/2017
Sec. Water Use:	Monitoring	***Selected Flag:***	True
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z238031	***Owner:***	
Tag:	A191043	***Street Name:***	1181 RICHMOND RD
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN 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):

Additional Detail(s) (Map)

Well Completed Date:	2016/12/23
Year Completed:	2016
Depth (m):	4.57
Latitude:	45.3704722499755

Longitude: -75.7821141149103
Path:

Bore Hole Information

Bore Hole ID:	1006358621	***Elevation:***	66.523895
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	438756.00
Code OB Desc:		***North83:***	5024404.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Dec-2016 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:	1006602895
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.3100000023841858
Formation End Depth:	1.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006602897
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Mat2 Desc:	TILL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.6600000858306885
Formation End Depth:	4.570000171661377
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006602896
Layer:	3
Color:	6
General Color:	BROWN

Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Mat2 Desc:	TILL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.5
Formation End Depth:	3.6600000858306885
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006602894
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	0.3100000023841858
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006602906
Layer:	2
Plug From:	0.310000002384186
Plug To:	1.22000002861023
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006602907
Layer:	3
Plug From:	1.22000002861023
Plug To:	4.57000017166138
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006602905
Layer:	1
Plug From:	0
Plug To:	0.310000002384186
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006602904
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DIRECT PUSH

Pipe Information

Pipe ID:	1006602893
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006602901
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:	1006602899
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006602898
Diameter:	11.399999618530273
Depth From:	0.0
Depth To:	4.570000171661377
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 32 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Den Hagg Drive	Lots 23 & 24, Conc. 1, Registered Plan 4R-10389	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	CLARIDGE HOMES (CARSON) INC.	LOTS 23,24&25,C.1/OTTAWA FRONT	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	Rockcliffe Mews, Phase 3	Lots 23, 24, 25, Conc. 1, RP 4M-1031 & RP 4M-1032	Ottawa ON	
CA	Rockcliffe Mews, Phase V	Part of Lots 23 and 24, Conc. 1, Plan 4R- 15544	Ottawa ON	
CA	Rockcliffe Mews, Phase 3	Lots 23, 24, 25, Conc. 1, RP 4M-1031 & RP 4M-1032	Ottawa ON	
CA	Rockcliffe Mews, Phase V	Part of Lots 23 and 24, Conc. 1, Plan 4R- 15544	Ottawa ON	
CA		Parts of lots 23, 24, and 25, Concession 1	Ottawa ON	
CA	National Capital Commission	Ottawa River Parkway Detour Lane	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Taggart Investments Inc.	Part of Lot 23, Concession 1, formerly Geographic Townsip of Cumberland	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON PROFIT HOUSING CORPORATION	PRIVATE (ON SITE) RICHMOND ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	D.N.D. AREA S.E.TRANSITWAY	OTTAWA CITY ON	
CA	CLARIDGE HOMES (CARSON) INC.	LOTS 23,24&25,C.1/OTTAWA FRONT	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	

CA	R.M. OF OTTAWA-CARLETON	MCEWEN AVE./PINECREST COLL.	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
ECA	City of Ottawa	Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway)	Ottawa ON	K2G 6J8
GEN	Kiewit Eurovia Vinci	Richmond Rd Across from McEwen Ave. (around Bell M	Ottawa ON	K2B 5L3
GEN	Kiewit Eurovia Vinci	Cleary Station Richmond Road	Ottawa ON	K2A 0G6
LIMO	Parkway and Richmond Dump	Ottawa	ON	
LIMO		Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa	ON	
RSC		Part Lot 23	Ottawa ON	
RSC		Part Lot 23, Township of Gloucester	Ottawa ON	
SPL	Hydro-Ottawa	Richmond	Ottawa ON	
SPL	National Capital Commission	Ottawa River Pkwy at the Parkdale Off Ramp West Bound	Ottawa ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
SPL		Richmond	Ottawa ON	
SPL	City of Ottawa	Transitway	Ottawa ON	

Unplottable Report

Site: ***Den Hagg Drive***
Lots 23 & 24, Conc. 1, Registered Plan 4R-10389 Ottawa ON

Database: ***CA***

Certificate #:	4595-57JT6G
Application Year:	02
Issue Date:	2/26/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Claridge Homes (Rockcliffe Mews) Inc.
Client Address:	210 Gladstone Avenue, Suite 2001
Client City:	Ottawa
Client Postal Code:	K2P 0Y6
Project Description:	Installation of Storm Sewers on Denn Hagg Drive
Contaminants:	
Emission Control:	

Site:
Richmond Road Ottawa ON

Database: ***CA***

Certificate #:	7965-5ERRRZ
Application Year:	02
Issue Date:	10/11/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:	
Emission Control:	

Site: ***CLARIDGE HOMES (CARSON) INC.***
LOTS 23,24&25,C.1/OTTAWA FRONT OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0568-99-
Application Year:	99
Issue Date:	6/7/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0159-96-
Application Year:	96

Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***NON-PROFIT HOUSING CORPORATION***
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0925-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Rockcliffe Mews, Phase 3***
Lots 23, 24, 25, Conc. 1, RP 4M-1031 & RP 4M- 1032 Ottawa ON

Database: ***CA***

Certificate #: 4048-4VFRHS
Application Year: 01
Issue Date: 4/3/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Rockcliffe Mews) Inc.
Client Address: 2001-210 Gladstone Ave.
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: Sanitary sewers to be constructed on Borealis Crescent, Gannet Street, Marganser Street and storm sewers to be constructed on Den Haag Drive, Borealis Crescent, Gannet Street, Merganser Street
Contaminants:
Emission Control:

Site: ***Rockcliffe Mews, Phase V***
Part of Lots 23 and 24, Conc. 1, Plan 4R- 15544 Ottawa ON

Database: ***CA***

Certificate #: 4366-4VXQMH
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Carson) Inc.
Client Address: 210 Gladestone Avenue, Suite 2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: Storm and sanitary sewers to be constructed on Carwood Street
Contaminants:
Emission Control:

Site: ***Rockcliffe Mews, Phase 3***
Lots 23, 24, 25, Conc. 1, RP 4M-1031 & RP 4M- 1032 Ottawa ON

Database: ***CA***

Certificate #:	5073-4VFQUZ
Application Year:	01
Issue Date:	4/3/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Claridge Homes (Rockcliffe Mews) Inc.
Client Address:	2001-210 Gladstone Ave.
Client City:	Ottawa
Client Postal Code:	K2P 0Y6
Project Description:	Watermains to be constructed on Den Haag Drive, Borealis Crescent, Gannet Street and Merganser Street
Contaminants:	
Emission Control:	

Site: ***Rockcliffe Mews, Phase V***
Part of Lots 23 and 24, Conc. 1, Plan 4R- 15544 Ottawa ON

Database: ***CA***

Certificate #:	0080-4VXQAA
Application Year:	01
Issue Date:	4/25/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Claridge Homes (Carson) Inc.
Client Address:	210 Gladestone Avenue, Suite 2001
Client City:	Ottawa
Client Postal Code:	K2P 0Y6
Project Description:	Watermains to be constructed on Carwood Street
Contaminants:	
Emission Control:	

Site:
Parts of lots 23, 24, and 25, Concession 1 Ottawa ON

Database: ***CA***

Certificate #:	3338-4QES6W
Application Year:	00
Issue Date:	10/25/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Claridge Homes (Rockcliffe Mews) Inc.
Client Address:	2001-210 Gladstone Ave.
Client City:	Ottawa
Client Postal Code:	K2P 0Y6
Project Description:	watermains construction on Merganser Circle, Den Haag Drive, the Easement on block 101, and Streets 3 and 4
Contaminants:	
Emission Control:	

Site: ***National Capital Commission***
Ottawa River Parkway Detour Lane Ottawa ON

Database: ***CA***

Certificate #:	0973-5M4KXY
Application Year:	2003
Issue Date:	4/30/2003
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***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 1424-6CXJGA
Application Year: 2005
Issue Date: 6/3/2005
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: ***Taggart Investments Inc.***
Part of Lot 23, Concession 1, formerly Geographic Townsip of Cumberland Ottawa ON

Database: ***CA***

Certificate #: 5894-6G6MVY
Application Year: 2005
Issue Date: 9/26/2005
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: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
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: ***NON PROFIT HOUSING CORPORATION***
PRIVATE (ON SITE) RICHMOND ST. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1118-87-
Application Year: 87
Issue Date: 7/7/1987
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***
D.N.D. AREA S.E.TRANSITWAY OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1044-89-
Application Year: 89
Issue Date: 6/12/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CLARIDGE HOMES (CARSON) INC.***
LOTS 23,24&25,C.1/OTTAWA FRONT OTTAWA CITY ON

Database: ***CA***

Certificate #: 7-0387-99-
Application Year: 99
Issue Date: 6/7/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 7893-5NLQJH
Application Year: 2003
Issue Date: 6/18/2003
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: ***R.M. OF OTTAWA-CARLETON***
MCEWEN AVE./PINECREST COLL. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1219-93-
Application Year: 93
Issue Date: 10/26/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway) Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 5735-6C5PWH
Approval Date: 2005-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Ottawa River Parkway Easement Corridor (Adjacent to River Street and Ottawa River Parkway)
Full Address:
Full PDF Link:

Site: ***Kiewit Eurovia Vinci***
Richmond Rd Across from McEwen Ave. (around Bell M Ottawa ON K2B 5L3

Database: ***GEN***

Generator No: ON3739165
Status: Registered
Approval Years: As of Jan 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: 211 L
Waste Class Desc: Aromatic solvents and residues

Site: ***Kiewit Eurovia Vinci***
Cleary Station Richmond Road Ottawa ON K2A 0G6

Database: ***GEN***

Generator No:	ON6388739	***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:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	221 L
Waste Class Desc:	Light fuels

Site: ***Parkway and Richmond Dump***
Ottawa ON

Database: ***LIMO***

ECA/Instrument No:	Y0173	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	
Lndfl Gas Mgmt (E):		***Lndfll Gas Coll:***	
Lndfl Gas Mgmt Sys:		***Total Waste Rec:***	
Landfill Gas Mntr:		***TWR Methodology:***	
Leachate Coll Sys:		***TWR Unit:***	
ERC Est Vol (m3):		***Tot Aprv Cap Unit:***	
ERC Volume Unit:		***Financial Assurance:***	
ERC Dt Last Det:		***Last Report Year:***	
Landfill Type:		***MOE Region:***	
Source File Type:	Historic and Closed Landfills	***MOE District:***	
Fill Rate:		***Site County:***	
Fill Rate Unit:		***Lot:***	
Tot Fill Area (ha):		***Concession:***	
Tot Site Area (ha):		***Latitude:***	
Footprint:		***Longitude:***	
Tot Apprv Cap (m3):		***Easting:***	
Contam Atten Zone:		***Northing:***	
Grndwtr Mntr:		***UTM Zone:***	
Surf Wtr Mntr:		***Data Source:***	
Air Emis Monitor:			
Approved Waste Type:			
Client Site Name:	Parkway and Richmond Dump		
ERC Methodology:			
Site Name:			
Site Location Details:	Ottawa		
Service Area:			
Page URL:			

Site:
Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa ON

Database: ***LIMO***

ECA/Instrument No:	X1007	***Natural Attenuation:***	
Oper Status 2016:	Historic	***Liners:***	
C of A Issue Date:		***Cover Material:***	
C of A Issued to:		***Leachate Off-Site:***	
Lndfl Gas Mgmt (P):		***Leachate On Site:***	
Lndfl Gas Mgmt (F):		***Req Coll Lndfll Gas:***	

Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type: Historic and Closed Landfills
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name:
Site Location Details: Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN

Ottawa
Service Area:
Page URL:

Lndfll Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site:
Part Lot 23 Ottawa ON

Database: ***RSC***

RSC ID:
RA No:
RSC Type:
Curr Property Use:
Ministry District: Ottawa
Filing Date: 07/05/01
Date Ack: 08/14/01
Date Returned:
Restoration Type: Generic
Soil Type: Medium/Fine
Criteria: Res/parkland + Nonpotable
CPU Issued Sect 1686:
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: DST Consulting Engineers Inc.
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:

Cert Date:
Cert Prop Use No:
Intended Prop Use:
Qual Person Name:
Stratified (Y/N): N
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:
Telephone:
Fax:
Email:

Site:
Part Lot 23, Township of Gloucester Ottawa ON

Database: ***RSC***

RSC ID:
RA No:
RSC Type:
Curr Property Use:
Ministry District: Ottawa
Filing Date: 07/05/01
Date Ack:
Date Returned: 07/23/01

Cert Date:
Cert Prop Use No:
Intended Prop Use:
Qual Person Name:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
Accuracy Estimate:

Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686:
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: DST Consulting Engineers Inc.
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:
Telephone:
Fax:
Email:

Site: ***Hydro-Ottawa***
Richmond Ottawa ON

Database: ***SPL***

Ref No:	3852-5V7S7N	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	11/6/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Cooling System Leak	***Sector Type:***	Transformer
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	MINERAL OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
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:	1/14/2004	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spill to Land
Incident Reason:	Unknown - Reason not determined	***Source Type:***	

Site Name: CORNER OF CHANNONHOUSE RD AND DALLAIRE RD<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Hydro Ottawa - non PCB- 100 L Xformer oil
Contaminant Qty: 100 L

Site: ***National Capital Commission***
Ottawa River Pkwy at the Parkdale Off Ramp West Bound Ottawa ON

Database: ***SPL***

Ref No:	3376-7TLV2S	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***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:***	Ottawa
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/3/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills

Incident Reason:	Spill	***Source Type:***	
Site Name:	Road way<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: 4 L Oil to Rd and CB		
Contaminant Qty:	4 L		

Site: ***TEXACO RICHMOND RD. SERVICE STATION OTTAWA CITY ON***

Database: ***SPL***

Ref No:	14431	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/2/1989	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***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:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/2/1989	***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:			
Contaminant Qty:			

Site: ***Richmond Ottawa ON***

Database: ***SPL***

Ref No:	6637-67GQEZ	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	8/6/2004	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	FURNACE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
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:	12/8/2004	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Notification
Incident Reason:		***Source Type:***	
Site Name:	6570 FRANKTOWN RD<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	6570 Franktown Rd - furnace oil spill		
Contaminant Qty:			

Site: ***City of Ottawa***
Transitway Ottawa ON

Database:
SPL

Ref No:	7101-5LY5CZ	***Discharger Report:***	
Site No:		***Material Group:***	Chemical
Incident Dt:	4/25/2003	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	24	***Nearest Watercourse:***	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/25/2003	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:		***Source Type:***	

Site Name: TUNNEY'S PASTURE STATION<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Transit Bus - 5 L antifreeze to san.sewer. cleaned
Contaminant Qty: 5 L

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: Jul 31, 2020

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-Apr 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: Jul 31, 2020

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-May 31, 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-Apr 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- May 31, 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-Jan 31, 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: Jul 31, 2020

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-May 31, 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: Oct 31, 2020

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-Apr 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-May 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: Jul 31, 2020

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-May 31, 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

Samuel Berube, B. Eng.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Junior Environmental Engineer

EDUCATION

University of Guelph, B.Eng., 2019
Environmental Engineering

EXPERIENCE

2019 – Present
Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Junior Environmental Engineer

2018
Health Canada FNIHB
Proposal and Final Design Review
Student Engineer

SELECT LIST OF PROJECTS

Phase I and II – ESA Reports – Various Sites - Ottawa
Large Scale Remediation Program – Caivan Residential Development
National Capital Region (CSA Z768-01 & MECP)
Remediation Programs – Various Sites - Ottawa
Designated Substance Surveys – Various Sites – Ottawa
Geotechnical Investigations – Various Sites
Subgrade Reviews – Various Sites – Ottawa
Density Testing – Residential and Commercial Sites – Ottawa
Bearing Surface Investigations – Various Sites - Ottawa

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