



Geotechnical
Engineering

Environmental
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Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Phase I - Environmental Site Assessment

2475 Regina Street
Ottawa, Ontario

Prepared For

Windmill Development Group Ltd.

October 26, 2021

Report: PE5366-1

Paterson Group Inc.

Consulting Engineers
154 Colonnade Road South
Ottawa (Nepean), Ontario
Canada K2E 7J5

Tel: (613) 226-7381
Fax: (613) 226-6344
www.patersongroup.ca

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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 (MNR) 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 unplotable 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

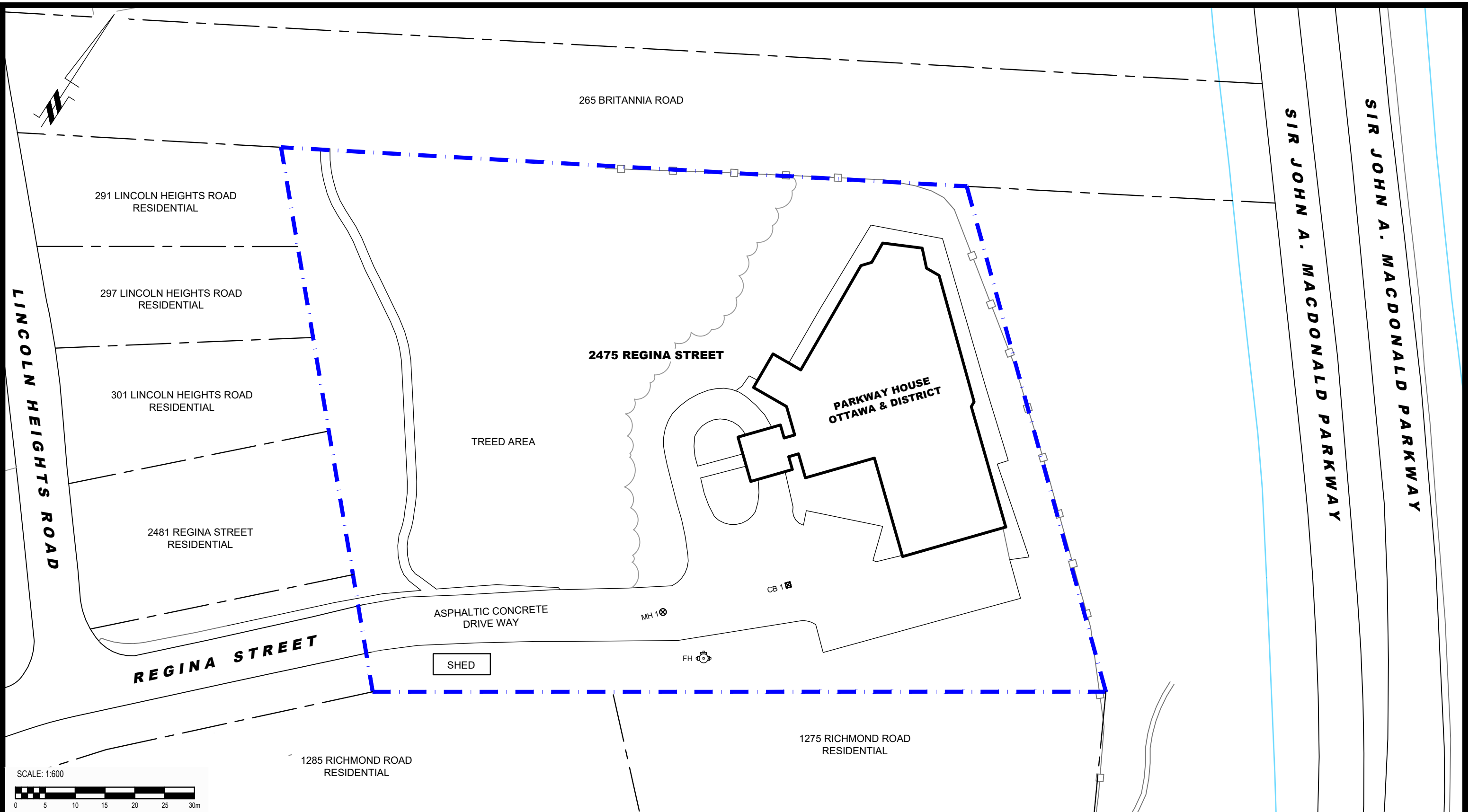
FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5366-1 – SITE PLAN

DRAWING PE5366-2 – SURROUNDING LAND USE PLAN



FIGURE 1
KEY PLAN



patersongroup
consulting engineers

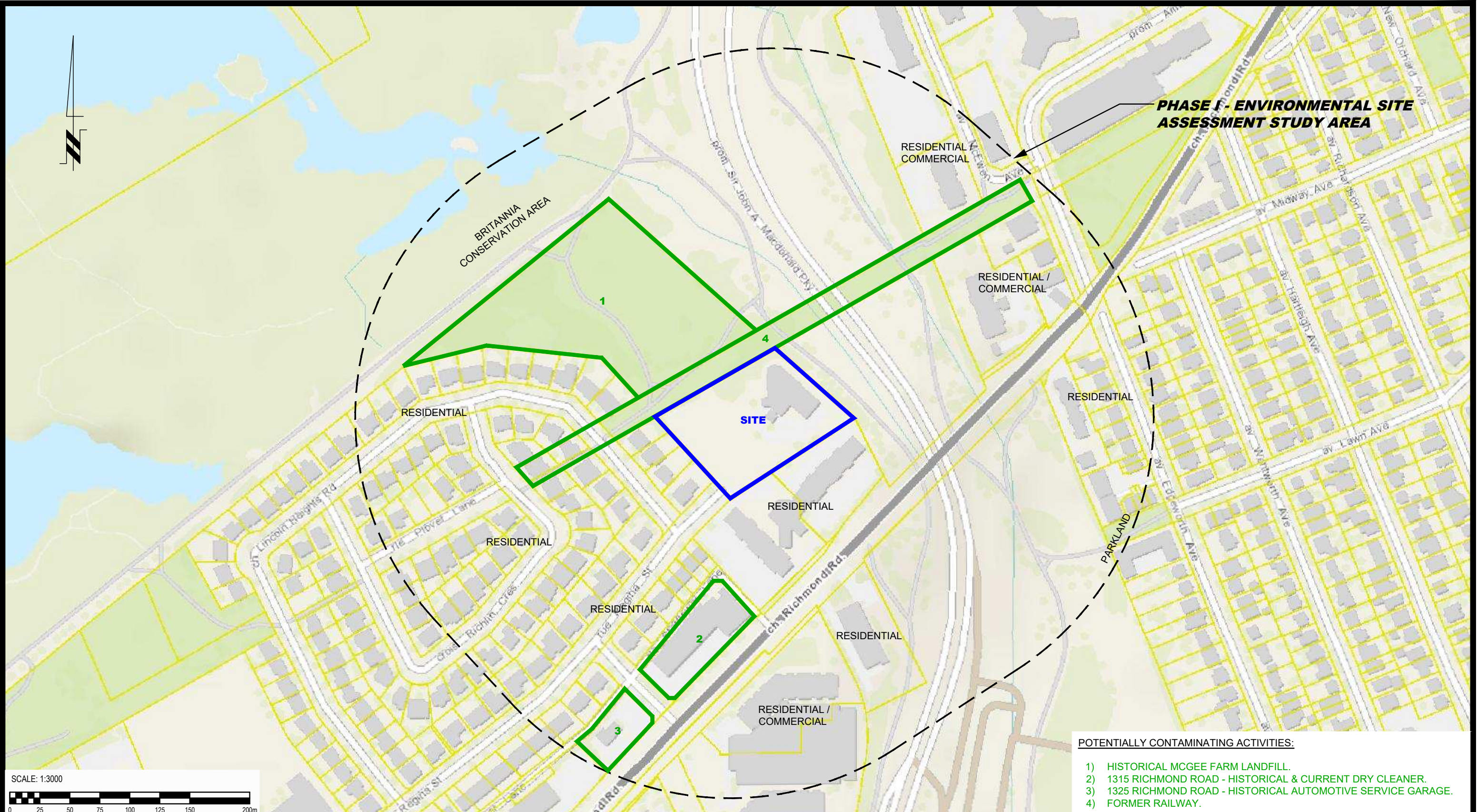
154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

WINDMILL DEVELOPMENT GROUP LTD.
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
2475 REGINA STREET
OTTAWA, ONTARIO
Title: **SITE PLAN**

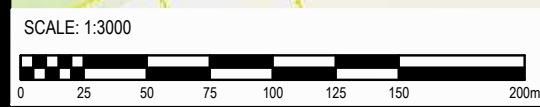
Scale: 1:600
Drawn by: YA
Checked by: SB
Approved by: MSD

Date: 10/2021
Report No.: PE5366-1
Dwg. No.: **PE5366-1**
Revision No.:



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

- 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.:	

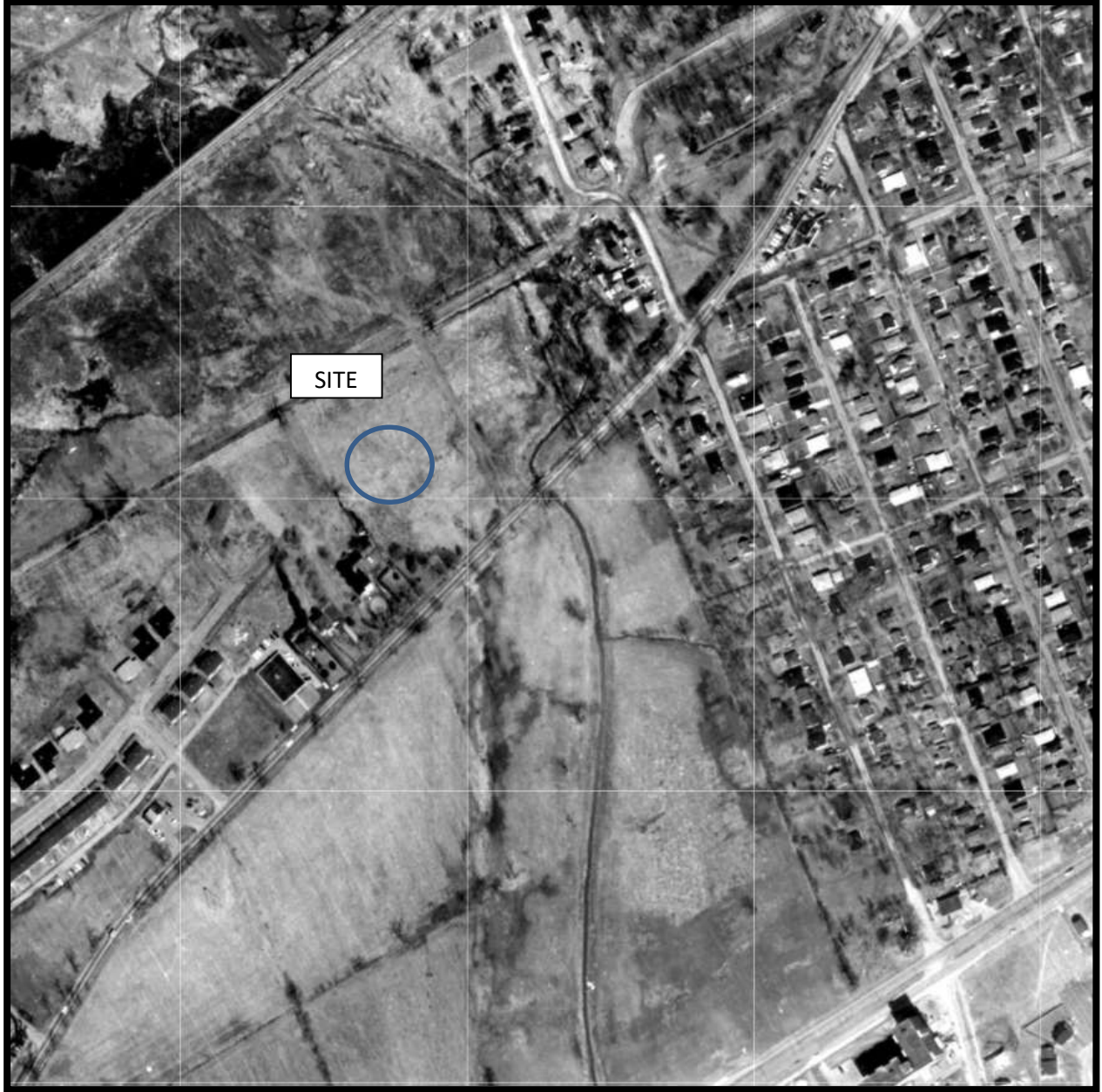
APPENDIX 1

AERIAL PHOTOGRAPHS

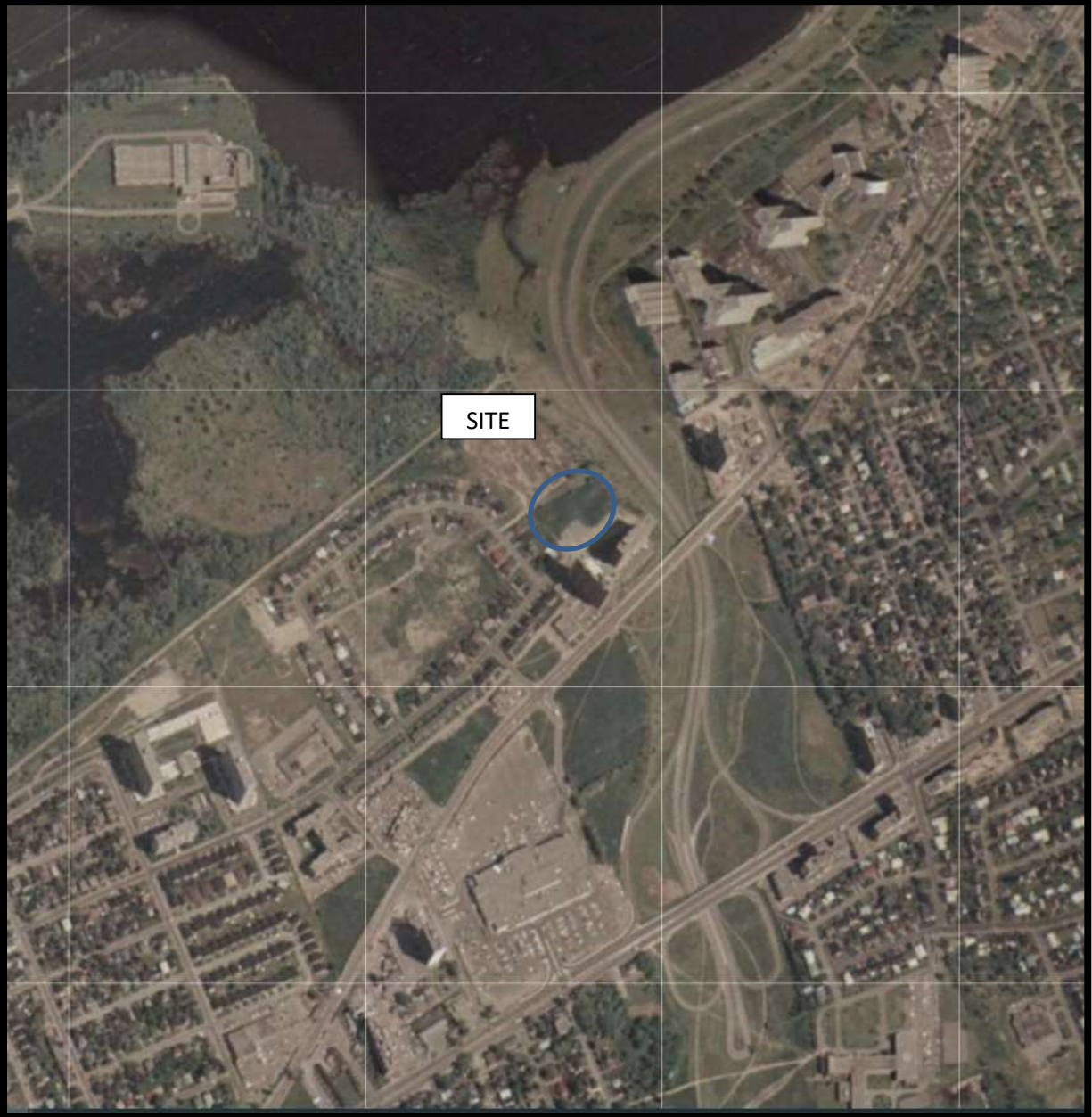
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1945



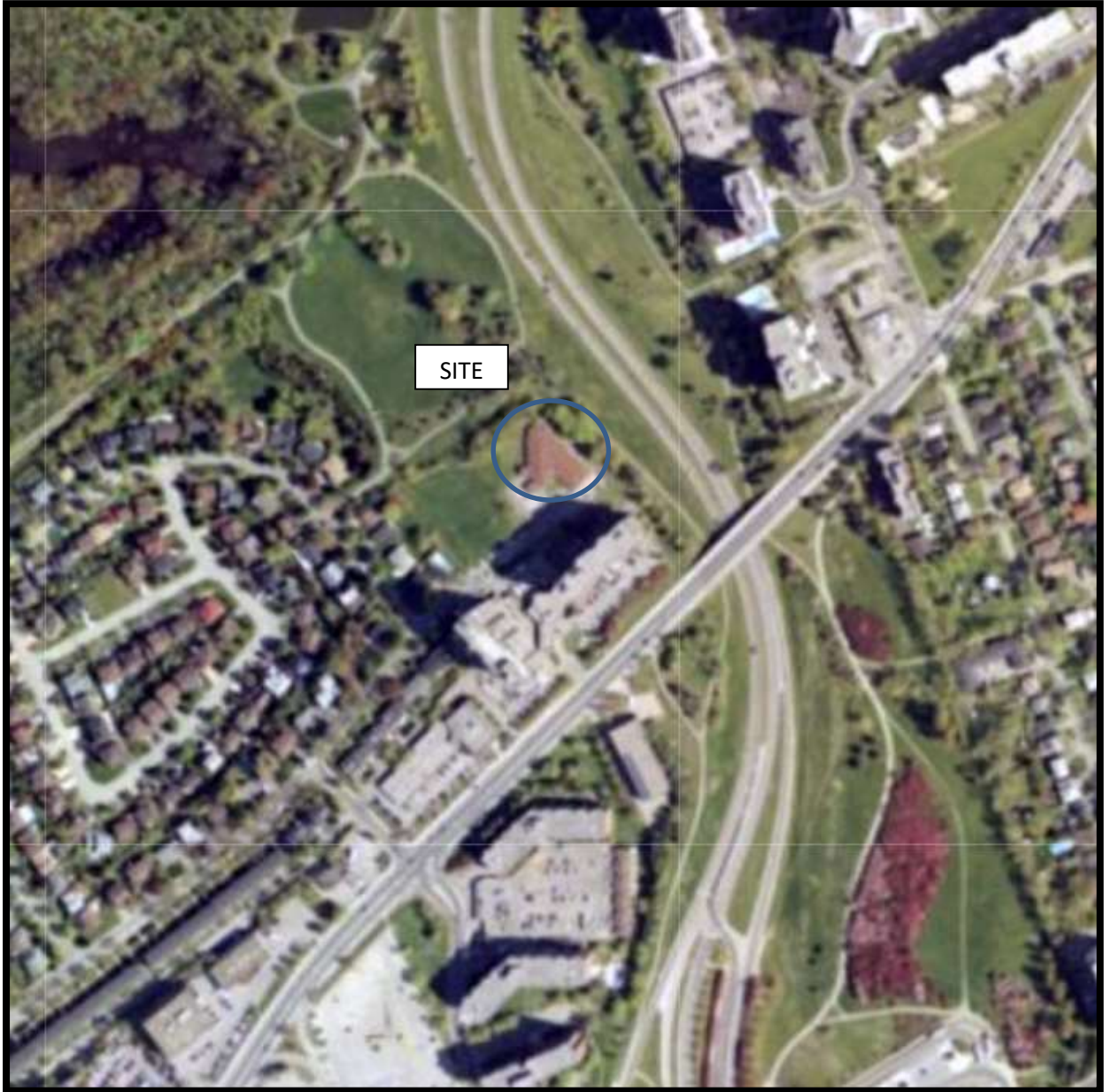
AERIAL PHOTOGRAPH
1965



AERIAL PHOTOGRAPH
1976



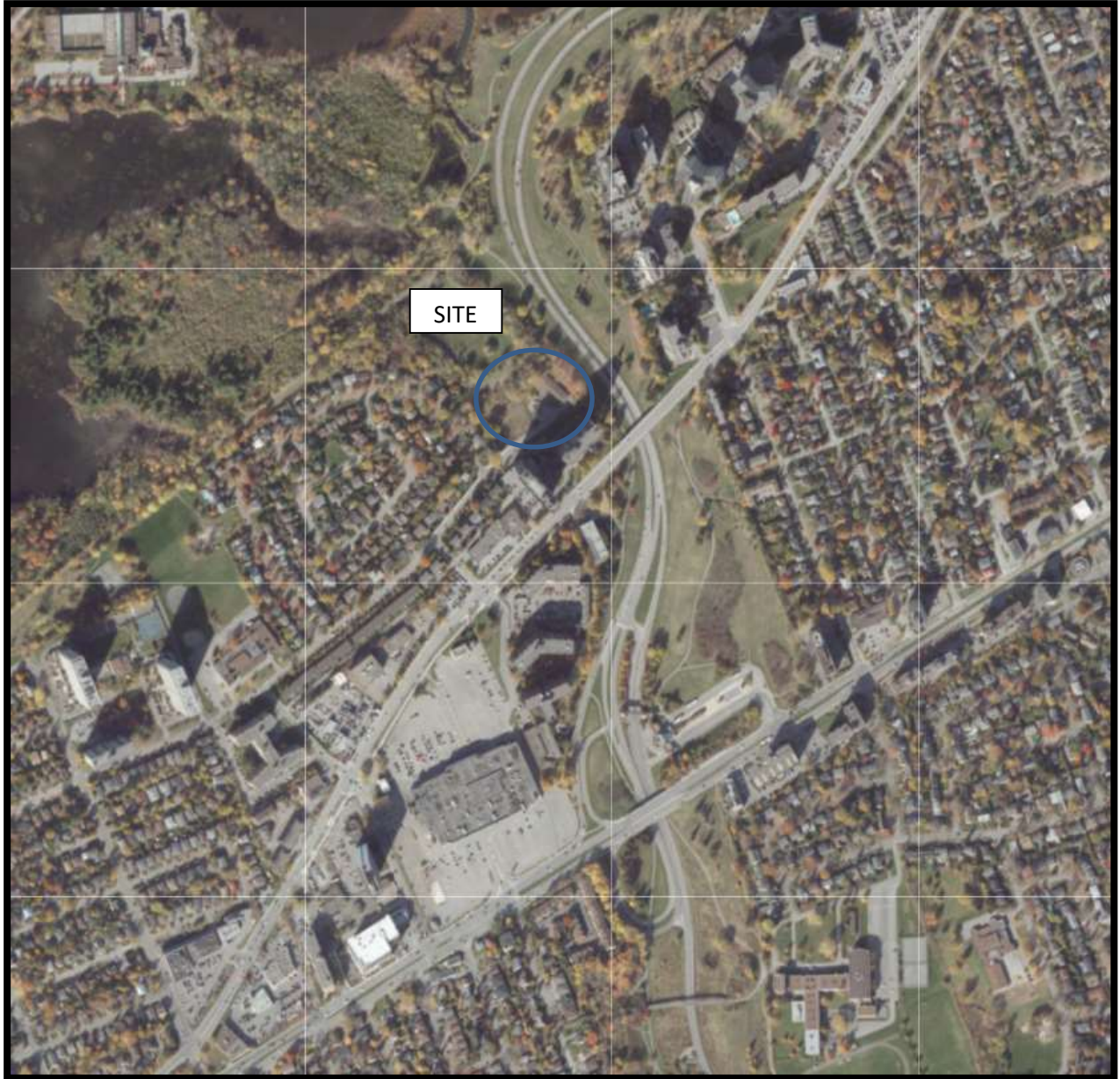
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2010



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5366

2475 Regina Street – Ottawa, ON

October 26, 2021



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



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 438405 E
5 R 5023880 N
 Elev. 5 R 0225
 Basin 25



GROUND WATER BRANCH
 15 No. 8686
 MAR 16 1959
 ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carlton Township, Village, Town or City Ottawa
 Con. Lot Date completed 17 Nov. 58
 (day month year)
 Owner Address Gladstone Ave

Casing and Screen Record

Pumping Test

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"

Static level 18 ft.
 Test-pumping rate ~~300~~ 5 G.P.M.
 Pumping level ~~24~~ 24 ft.
 Duration of test pumping 1/2 hr.
 Water clear or cloudy at end of test cloudy
 Recommended pumping rate ~~200~~ 4 G.P.M.
 with pumping level of 22 ft.

Well Log

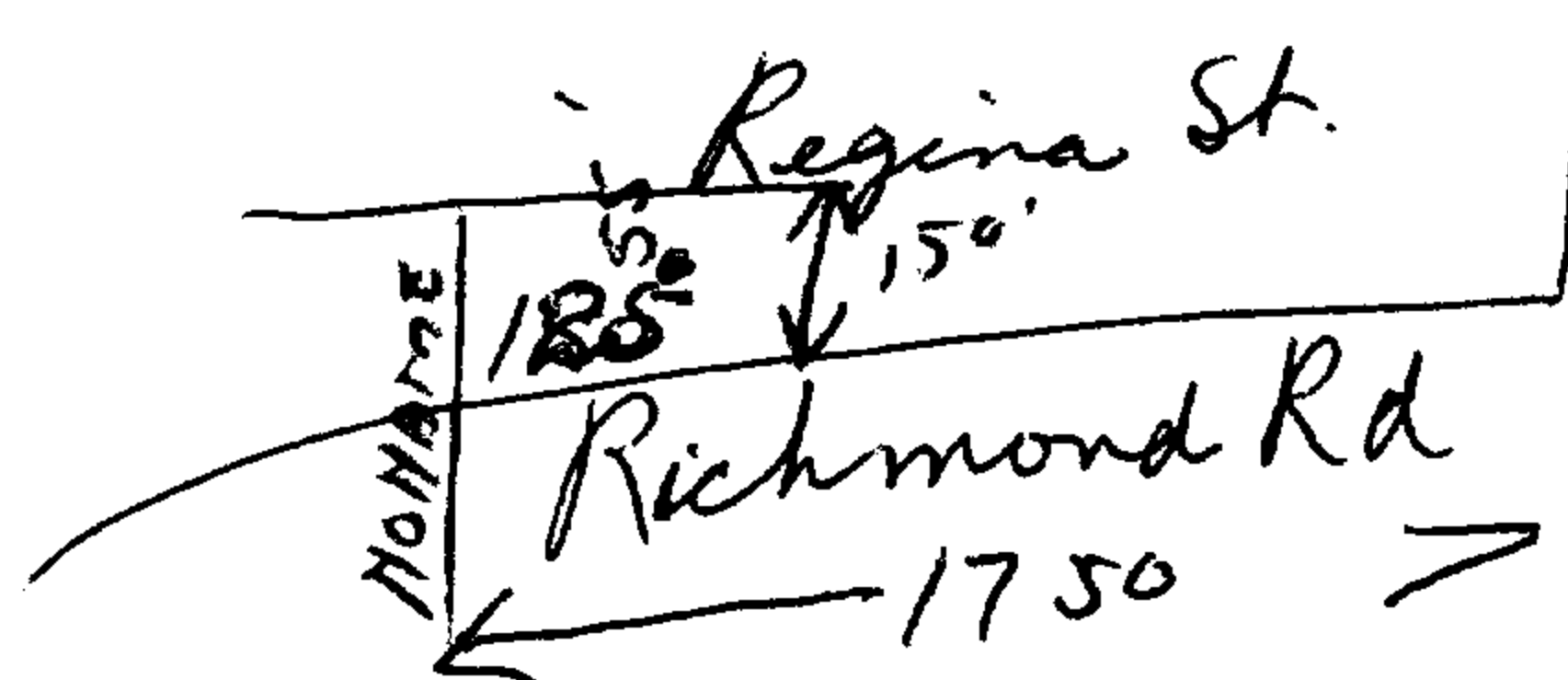
Water Record

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)
<u>Clay BLUE</u>	<u>0</u>	<u>45</u>			
<u>limestone</u>	<u>45</u>	<u>140</u>	<u>135</u>	<u>117</u>	<u>fresh</u>

For what purpose(s) is the water to be used?
household
 Is well on upland, in valley, or on hillside?
hillside
 Drilling Firm B E SPARKS
 Address 417 KENNEDY AVE
OTTAWA
 Licence Number ~~420~~
 Name of Driller Ben Sparks
 Address
 Date Mar 9/59
Ben Sparks
 (Signature of Licensed Drilling Contractor)

Location of Well

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



McEwen Ave

REGINA ST.

UTM 18 2 438143 10 E
 5 R 50239 110 N
 Elev. 5 R 0225
 Basin 25



GROUND WATER BRANCH
 MAR 15 1959 N°
 ONTARIO WATER
 RESOURCES COMMISSION

8687
K

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 Gledstone Ave Ottawa
 (print in block letters)

Casing and Screen Record

Pumping Test

Inside diameter of casing <u>5"</u>	Static level <u>18'</u>
Total length of casing <u>52'</u>	Test-pumping rate <u>300 5 G.P.M.</u>
Type of screen <u>none</u>	Pumping level <u>24 ft.</u>
Length of screen <u>—</u>	Duration of test pumping <u>1/2 hr.</u>
Depth to top of screen <u>—</u>	Water clear or cloudy at end of test <u>cloudy</u>
Diameter of finished hole <u>4"</u>	Recommended pumping rate <u>700 4 G.P.M.</u>
	with pumping level of <u>22 ft.</u>

Well Log

Water Record

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)
<u>clay BLUE</u>	<u>0</u>	<u>45</u>			
<u>limestone</u>	<u>45</u>	<u>143</u>	<u>140</u>	<u>122</u>	<u>fresh</u>

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

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

Drilling Firm BE SPARKS
 Address 4 McEwan Ave
OTTAWA

Licence Number ~~420~~

Name of Driller SAME

Address [Redacted]

Date Mar 9/59
Ben E Sparks
 (Signature of Licensed Drilling Contractor)

Location of Well

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

Linton Heights
Subdiv
REGINA ST.

Well Owner's Information

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

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

Part A Construction and/or Major Alteration of a Well

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

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

UTM Coordinates Zone Easting Northing GPS Unit Make Model Mode of Operation: Undifferentiated Averaged
NAD 83 118433476 JOR 24 1140 Garmin ETREX 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
Grn	Sand	silt	Sandy silt fine sand, moist	3.1	4.27
Grn	clay	silt	wet, silty clay	4.27	6.1

Annular Space/Abandonment Sealing Record

Depth Set at (Metres) From	Depth Set at (Metres) To	Type of Sealant Used (Material and Type)	Volume Placed (Cubic Metres)
0	0.31	Concrete / flushmount	
0.31	2.44	Benseal	
2.44	6.1	Sand	

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) _____

Time (Min)	Draw Down		Recovery	
	Water Level (Metres)	Static Level	Water Level (Metres)	Static Level
1				
2				
3				
4				
5				
10				
15				
20				
25				
30				
40				
50				
60				

Method of Construction

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

Water Use

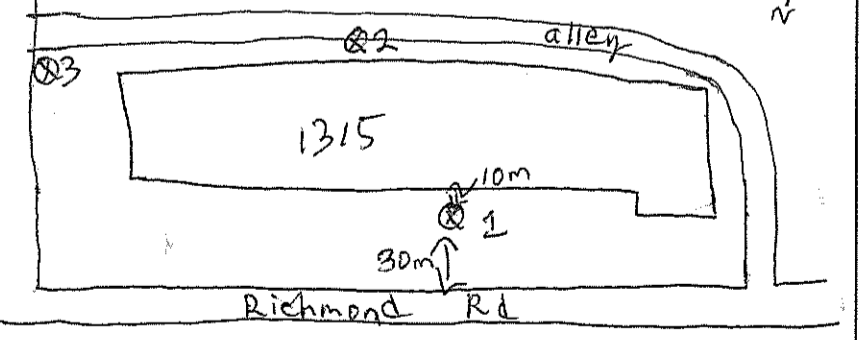
Public Commercial Not used Domestic Municipal Dewatering Livestock Test Hole Monitoring Irrigation Cooling & Air Conditioning Industrial Other, specify _____

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



Water Details

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

Casing and Screen Used

<input type="checkbox"/> Galvanized <input type="checkbox"/> Galvanized <input type="checkbox"/> Steel <input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Fibreglass <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Concrete	Diameter of the Hole (Centimetres) <u>8.89</u>
	Depth of the Hole (Metres) <u>6.1</u>
	Wall Thickness (Metres) <u>0.25</u>
	Inside Diameter of the Casing (Metres) <u>3.31</u>
	Depth of the Casing (Metres) <u>3.1</u>

No Casing and Screen Used

Open Hole

Disinfected? Yes No

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

Well Contractor and Well Technician Information

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

Business Address (Street No./Name, number, RR) 1-147 WEST BEAVER CREEK RICHMOND HILL Municipality _____

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

Bus. Telephone No. (inc. area code) 9057469904 Name of Well Technician (Last Name, First Name) FENEIUS COHA

Well Technician's Licence No. 3069 Signature of Technician _____ Date Submitted (yyyy/mm/dd) 2007/10/15

Ministry Use Only

Audit No. 263680 Well Contractor No. _____

Date Received (yyyy/mm/dd) NOV 16 2007 Date of Inspection (yyyy/mm/dd) _____

Remarks _____



Well Tag No. (Print 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 Aria	Last Name management	Mailing Address (Street No./Name, RR) 1315 Richmond Rd		Municipality Ottawa	
Province ON	Postal Code	E-mail Address		Telephone No. (inc. area code)	

Cluster Well Information					
Address of Well Location (Street Number/Name, RR) 1315 Richmond Rd		Lot	Concession	Township	County/District/Municipality CARLETON
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make Garmin	Model Etrex	Unit Mode of Operation <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged

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

Well # on Sketch	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
	Zone	Easting						Northing	From					
1	18	433476	5024140	6.1	8.84	Direct Push	PVC	3.1	3.1	6.1	Benseal			2007/10/15
2	18	438464	5024218	6.1	8.89	DIRECT PUSH	PVC	3.1	3.1	6.1	BENSEAL			2007/10/15
3	18	438420	5024132	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 STRATA SOIL SAMPLING		Business Address (Street Number/Name, RR) 2-147 WEST BEAVER CREEK RICHMOND HILL ON	
Postal Code L4B1C6	Business Telephone No. (inc. area code) 9057649304	Well Contractor's Licence No. 72411	Business E-mail Address jandean@strata-soil.com
Name of Well Technician (First Name, Last Name) JOHN FENBLUS		Well Technician's Licence No. 3106P	Date Submitted (yyyy/mm/dd) 2007/10/15

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

Beatty Brian, 1796

Property Owner's Information

First Name City of Ottawa	Last Name #	Mailing Address (Street No./Name, RR) 110 Laurier Ave. W	Municipality Ottawa
Province ON	Postal Code K1P1J1	E-mail Address	Telephone No. (inc. area code) 613 580 2424

Cluster Well Information

Address of Well Location (Street Number/Name, RR) 285 Lincoln Heights	Lot	Concession	Township	County/District/Municipality
City/Town/Village Ottawa	Province Ontario	Postal Code	GPS Unit Make GARMIN	Model Etrex
Unit Mode of Operation		<input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged		

Signature of Technician/Contractor <i>Bruce Downing</i>	Date (yyyy/mm/dd) 2009/06/03
--	---------------------------------

Well # on Sketch	Zone	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
		Easting	Northing						From	To					
BP 1-08	18	43840	15024416	1.22	8.2	Deepdrive	DVC	0.5	0.5	1.2	Bentonite				2008/09/24
CP 2-08	18	43837	15024457	1.22		"	"	0.5	0.5	1.2	"				2008/09/24

Well Contractor and Well Technician Information

Business Name of Well Contractor George Downing Estate Drilling	Business Address (Street Number/Name, RR) 410 Rue Principale Grenville Sur de Rouge	Municipality Oe	Province Oe
Postal Code J0V 1B0	Business Telephone No. (inc. area code) 819 242 6469	Well Contractor's Licence No. 1844	Business E-mail Address downing@hawk.195.net
Name of Well Technician (First Name, Last Name) Bruce Downing	Well Technician's Licence No. 2173	Date Submitted (yyyy/mm/dd) 2009/06/03	Signature of Technician <i>Bruce Downing</i>

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

Ministry Use Only	
Date Received (yyyy/mm/dd) JUN 25 2009	Date Inspected (yyyy/mm/dd)
Audit No. c05180	Remarks M0474



A 074633

GP1309

Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act

Master Well Owner's and Land Owner's Information

First Name: City of Ottawa, Last Name, E-mail Address, Mailing Address (Street Number/Name, RR): 110 Laurier Ave, Municipality: Ottawa, Province: ON, Postal Code: K1P 1J1, Telephone No. (inc. area code): 613 580 2424

Location and Construction of the Master Well in the Cluster

Address of Well Location (Street Number/Name, RR): Lincoln Heights Drive, Township, Lot, Concession, County/District/Municipality, City/Town/Village: Ottawa, Province: Ontario, Postal Code

UTM Coordinates, Zone, Easting, Northing, GPS Unit Make: Magellan, Model: Sportrak, Mode of Operation: Averaged

Table with 5 columns: General Colour, Most Common Material, Other Materials, General Description, Depth (Metres) From/To. Includes entries for Brown Fill Sandy clayey silt and Grey Fill Sandy silt, trace clay dry.

Hole Details table with columns: Depth (Metres) From/To, Diameter (Centimetres). Includes entry for 0 to 6.6 metres depth, 20 cm diameter.

Water Use section with checkboxes for Public, Industrial, Domestic, Commercial, Livestock, Municipal, Irrigation, Test Hole, Not used, Dewatering, Monitoring, Cooling & Air Conditioning, and Other, specify: Gasprobe.

Method of Construction section with checkboxes for Cable Tool, Rotary (Conventional/Reverse/Air), Air Percussion, Diamond, Jetting, Driving, Digging, Boring, and Other, specify: HSA.

Status of Well section with checkboxes for Test Hole, Replacement Well, Dewatering Well, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Other, specify.

No Casing and Screen Used section with checkboxes for Yes/No and Static Water Level Test section with N/A metres.

Screen section with checkboxes for Galvanized, Steel, Fibreglass, Concrete, Plastic and Outside Diameter (Centimetres): 5.8, Slot No.: 10.

Water Details section with multiple rows for Water found at Depth (Metres) and Kind of Water (Gas, Fresh, Salty, Sulphur, Minerals).

Construction Details table with columns: Inside Diameter (Centimetres), Material, Wall Thickness, Depth (Metres) From/To. Includes entry for 5.1 cm diameter, PVC material, 40 wall thickness, 0 to 0.5 metres depth.

Annular Space/Abandonment Sealing Record

Table with 4 columns: Depth Set at (Metres) From/To, Type of Sealant Used (Material and Type), Volume Used (Cubic Metres). Includes entry for 0 to 0.5 metres depth, Bentonite sealant, 20 kgs volume.

Disinfected section with checkboxes for Yes/No and Date Master Well Completed: 2009/03/23.

Cluster Information section with fields for Total Wells in Cluster, Total Wells on this Property, and Location of Well Cluster.

Detailed Map section with a checkbox to confirm detailed map is provided as per Section 11.1 (3).

Consent to release additional information concerning the cluster to

Well Contractor and Well Technician Information

Business Name of Well Contractor: George Downing Estate Drilling Ltd, Well Contractor's Licence No.: 118 14 14, Business Address: 410 Rue Principale Grenville Sur la Rouge, Province: QC, Postal Code: J0V 1B0, Business E-mail Address: downing@hawk.iqs.net, Name of Well Technician: Bruce Downing, Well Technician's Licence No.: 211 17 13, Date Submitted: 2009/07/18.

Ministry Use Only section with Audit No.: M 04491, Well Contractor No., Date Received: SEP 08 2009, Date of Inspection.



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 ____

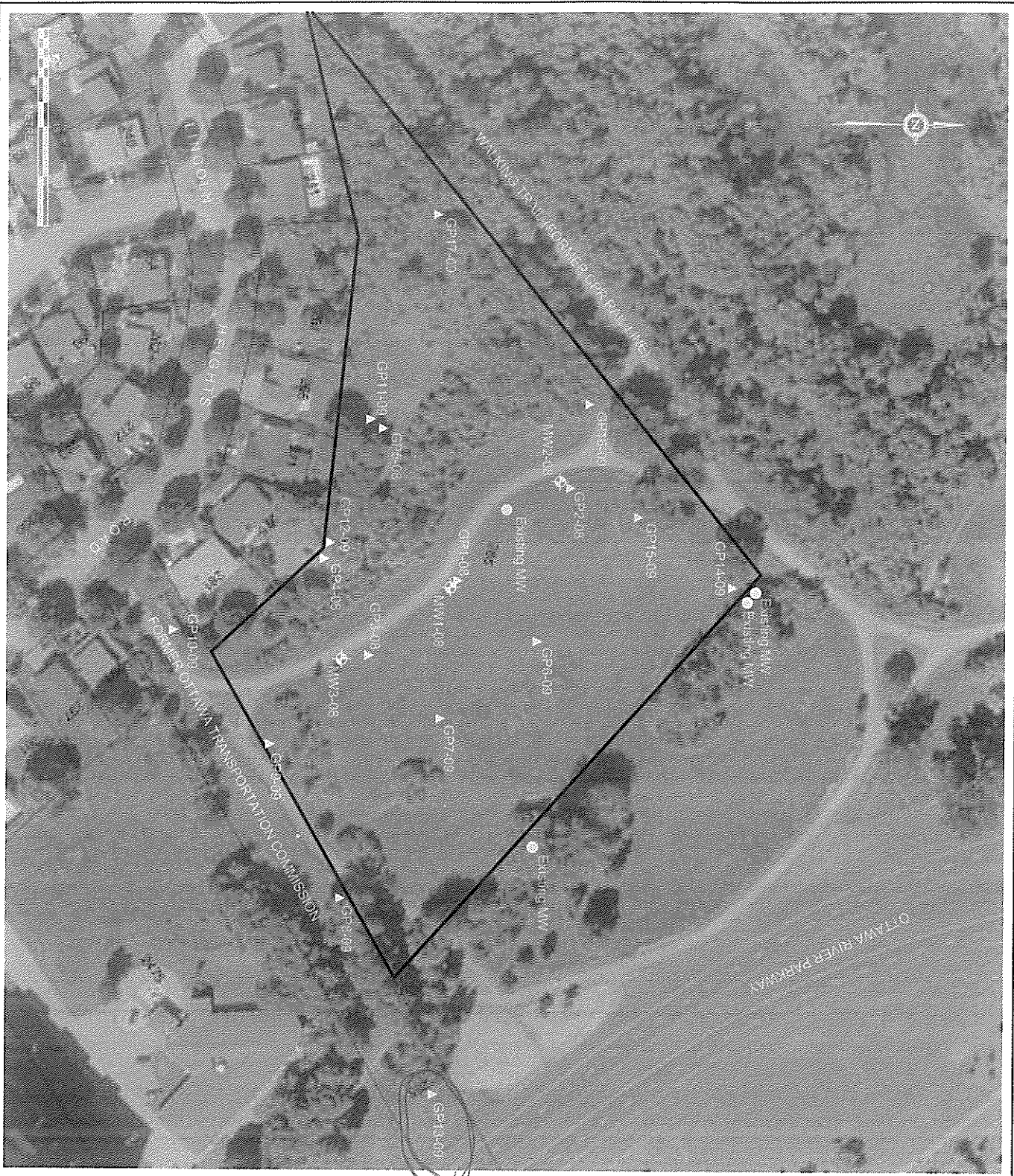
Address of Well Location (Street Number/Name, RR)
Lincoln Heights Drive
City/Town/Village: Ottawa
Province: Ontario
Postal Code:
GPS Unit Make: Magellan
Model: Sportrak
Unit Mode of Operation: Averaged

Signature of Technician/Contractor: Bruce Downing
Date: 2009/07/16

Table with columns: 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). Rows include GP 8-09, 9-09, 10-09, 11-09, 12-09.

Well Contractor and Well Technician Information
Business Name: George Downing Estate Drilling Ltd.
Business Address: 410 Rue Principale Grenville Sur la Poutre
Well Contractor's Licence No.: 1844
Business E-mail Address: downing@hawk.195.net
Well Technician's Licence No.: 2173
Date Submitted: 2009/07/16
Signature of Technician: Bruce Downing

Date 1st Well in Cluster Constructed: 2009/03/18
Date Last Well in Cluster Constructed: 2009/03/23
Ministry Use Only
Date Received: SEP 18 2009
Date Inspected:
Audit No.: C05197
Remarks: m04491



LEGEND

- EXISTING MONITORING WELL
- MONITORING WELL (AMEC, 2009)
- ▲ LANDFILL GAS MONITOR
- PROPERTY BOUNDARY

TITLE: *TS9 1060*
amec
 GAS PROBE AND MONITORING WELL LOCATION PLAN
 MCGEE FARM (UR-2) LANDFILL

CLIENT
 DRAWN BY: JFT
 CHECKED BY: KOH
 DATE: APRIL 2009
 PROJECT NO: TZ81060
 SCALE: 1 : 1,900
 FIGURE NO: **2**



SEP 08 2009

C-1844 M04491 C0597

Measurements recorded in: Metric Imperial

Address of Well Location (Street Number/Name) **1324 Richmond Rd**
 County/District/Municipality _____ Township _____ Lot _____ Concession _____
 City/Town/Village **Ottawa** Province **Ontario** Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other _____
 NAD 83 **18 38 41 50 240 77**

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
BRN	Fill	Sand	Soft, dry	0	1.5
BRN	Silt		Soft, dry	1.5	2.44
GRY	Silt & clay		hard, dry	2.44	3.66
GRY	Clay		soft, wet	3.66	6.71

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0 to 31	Concrete / Flash mount	
31 to 3.1	Boreal	
3.1 to 6.71	Sand	

Results of Well Yield Testing

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

Method of Construction

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Well Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
5.20	PVC	.390	0	3.66	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
6.03	PVC	10	3.66	6.71

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft)		Diameter (cm/in)
		From	To	
		0	1.5	30
		1.5	6.71	10.92

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 **L4B1K6** 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 **20110828**

Map of Well Location

Please provide a map below following instructions on the back.

See Map #4

Comments: _____

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D Date Work Completed 20110926	Ministry Use Only Audit No. z134375 NOV 15 2011 Received
---	--	---

Address of Well Location (Street Number/Name): 1324 Richmond Rd
 County/District/Municipality:
 Township:
 City/Town/Village: Ottawa
 Province: Ontario
 Postal Code:
 UTM Coordinates: Zone 18, Easting 438415, Northing 5024083
 Municipal Plan and Sublot Number:
 Other:
 Concession:
 Lot:
 UTM Coordinates: NAD 83

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	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)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0 - 0.31	Concrete/Flash mount	
0.31 - 2.13	Ben Seal	
2.13 - 5.79	Sand	

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

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

Construction Record - Casing			Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	
5.20	PVC	.390	0	2.74

Construction Record - Screen			
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)
6.03	PVC	10	2.74 - 5.79

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	From To	
		0 2.44	30
		2.44 5.79	10.92

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): 1472 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: [Signature]
 Date Submitted: 20110828

Map of Well Location

Please provide a map below following instructions on the back.

See Map #5

Comments:

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input type="checkbox"/> Yes <input type="checkbox"/> No	Y Y Y Y M M D D	
	Date Work Completed	Audit No.
	20110826	z129535
		NOV 15 2011
		Received

Measurements recorded in: Metric Imperial

5-18616 Page ____ of ____

Well Owner's Information

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

Mailing Address (Street Number/Name): 110 Laurier Avenue West Municipality: Ottawa Province: ON Postal Code: K1P 1J1 Telephone No. (inc. area code): _____

Well Location

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

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

UTM Coordinates: Zone 18 Easting 438421 Northing 5029043 Municipal Plan and Sublot Number: _____ Other: _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
<u>BEN/GRY</u>	<u>Gravel</u>	<u>Sand</u>	<u>Loose</u>	<u>0</u>	<u>.31</u>
<u>BREN</u>	<u>Clay</u>	<u>Sand</u>	<u>SOFT</u>	<u>.31</u>	<u>1.5</u>
<u>GRY</u>	<u>Clay</u>	<u>Silt</u>	<u>SOFT</u>	<u>1.5</u>	<u>3.35</u>

Annular Space

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

Method of Construction

Cable Tool Diamond Public Commercial Not used

Rotary (Conventional) Jetting Domestic Municipal Dewatering

Rotary (Reverse) Driving Livestock Test Hole Monitoring

Boring Digging Irrigation Cooling & Air Conditioning

Air percussion Industrial Other, specify _____

Other, specify direct push

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)	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	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	

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
<u>4.03</u>	<u>PVC</u>	<u>.368</u>	<u>0</u>	<u>1.83</u>	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input checked="" type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
<u>4.82</u>	<u>PVC</u>	<u>10</u>	<u>1.83</u>	<u>3.35</u>

Water Details

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

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

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

Hole Diameter

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

Well Contractor and Well Technician Information

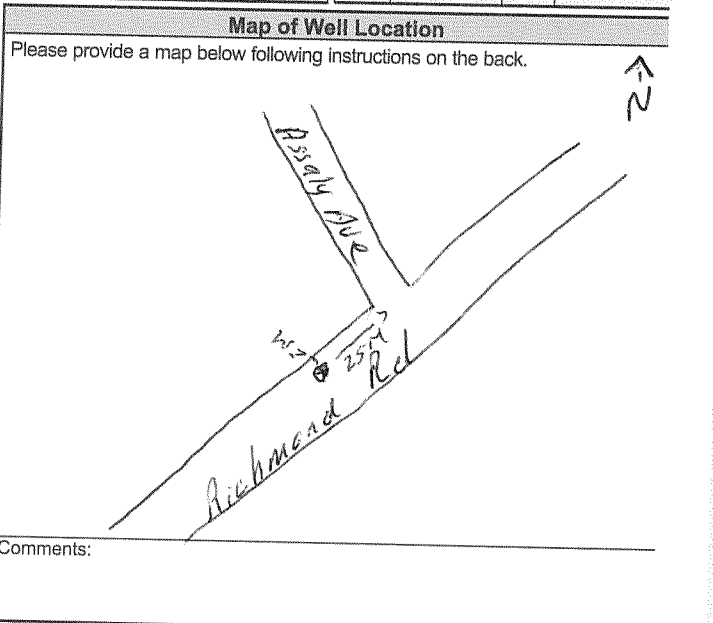
Business Name of Well Contractor: Strata Drilling Group Well Contractor's Licence No.: 7 2 4 1

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

Province: ON Postal Code: L3R 8V2 Business E-mail Address: Wrecords@strataoil.com

Telephone No. (inc. area code): 059407919 Name of Well Technician (Last Name, First Name): Halladay Phil

Technician's Licence No.: 3 8 3 2 Signature of Technician and/or Contractor: PL Kelly Date Submitted: 20160520



Well owner's information package delivered: Yes No

Date Package Delivered: Y|Y|Y|Y|M|M|D|D Date Work Completed: 20160519

Ministry Use Only

Audit No.: 2229884

JUN 15 2016

Received

Samuel Berube

From: Public Information Services <publicinformationsservices@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 publicinformationsservices@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: publicinformationsservices@tssa.org

www.tssa.org



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

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

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

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

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



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:**

** Mandatory Field*

Applicant/Agent Information:

Name:

Mailing Address:

Telephone: Email Address:

Registered Property Owner Information:

Same as above

Name:

Mailing Address:

Telephone: Email Address:

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) 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: _____
(Please print name)

Title: Environmental Engineer _____

Company: Paterson Group _____

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

June 23, 2021
File: PE5366-HLUI

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

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

www.patersongroup.ca

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
32332*

Project No: *32332*

Report Type: *Standard Report*

Order No: *21062400415*

Requested by: *Paterson Group Inc.*

Date Completed: *June 29, 2021*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	1	1
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	3	3
CA	<i>Certificates of Approval</i>	Y	0	2	2
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	4	4
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	1	1
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	51	51
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	1	1
WWIS	<i>Water Well Information System</i>	Y	0	10	10
Total:			0	76	76

Executive Summary: Site Report Summary - Project Property

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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
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 <i>Well ID: 7052464</i>	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.

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

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.

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

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

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.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	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.

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

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.

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

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

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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.

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

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.

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

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

Well ID: 7224131

1181 RICHMOND RD
Ottawa ON

ENE

246.78

[23](#)

Well ID: 7281787

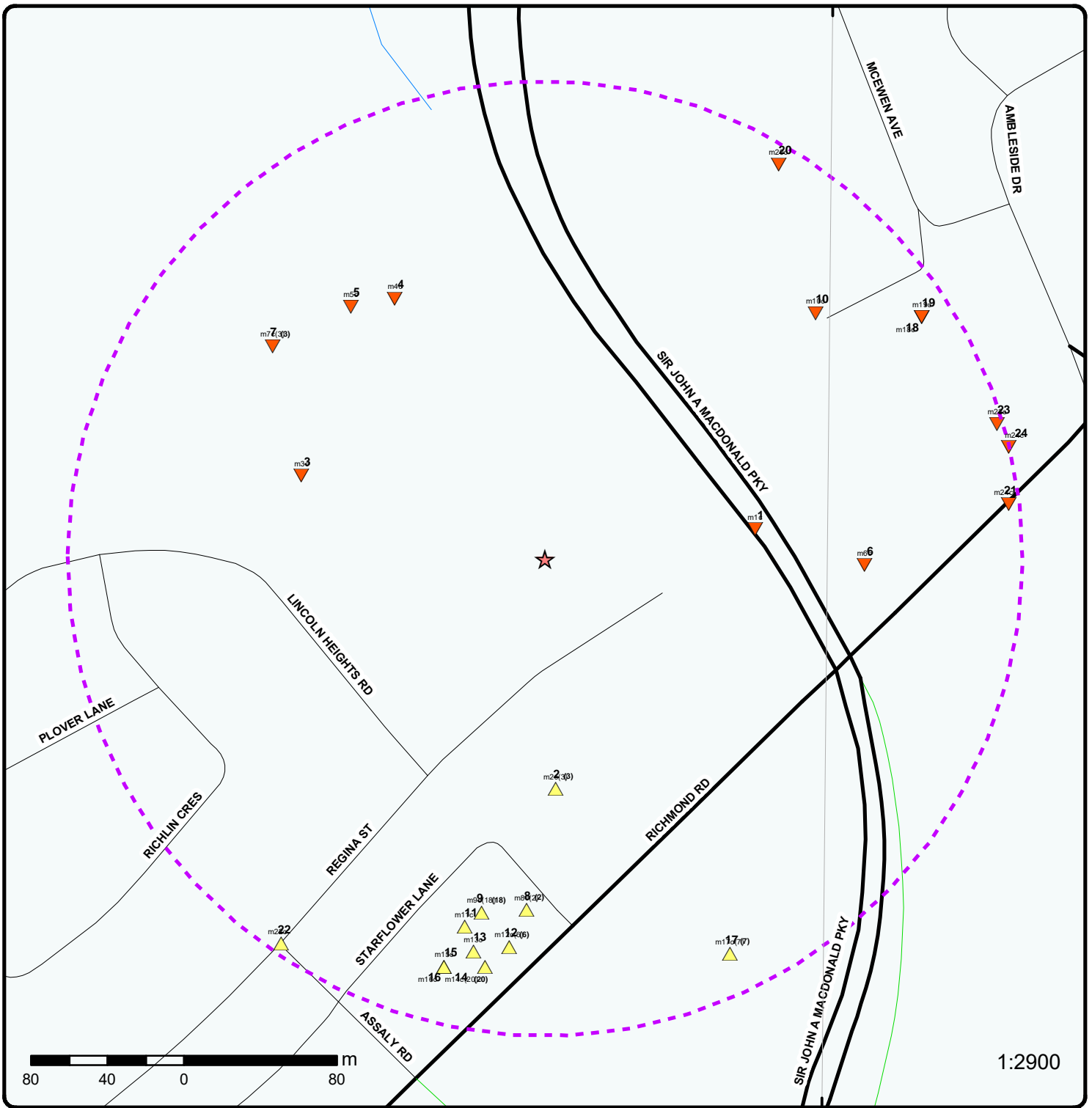
1181 RICHMOND RD
Ottawa ON

E

249.47

[24](#)

Well ID: 7281850



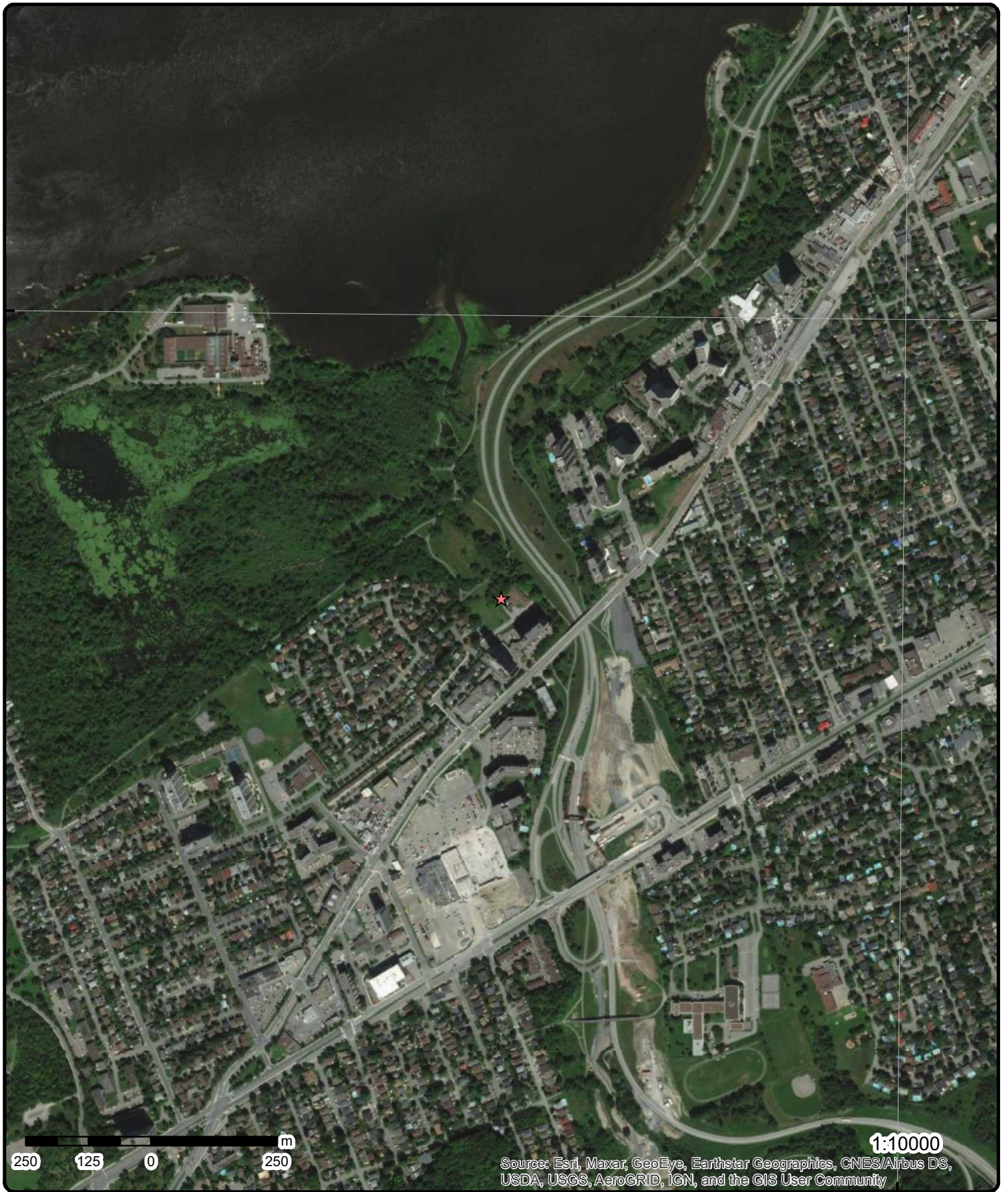
Map: 0.25 Kilometer Radius

Order Number: 21062400415

Address: 2475 Regina Street, Ottawa, ON



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



250 125 0 250 m

1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2020

Order Number: 21062400415

Address: 2475 Regina Street, Ottawa, ON



Source: ESRI World Imagery

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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Order Number: 21062400415

Address: 2475 Regina Street, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

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): Ancienne 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
Liabile Third Party:
Class (FR): Priorité d'intervention moyenne
Action Plan:
Action Plan (FR):
Site Mgmt Strategy:
Minimap URL: <http://www.tbs-sct.gc.ca/fcsi-rscf/minimap.aspx?fsi=00023357>
Additional Info:
Additional Info (FR):

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Contamination</u>					
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	
<u>Annual Data</u>					
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	

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

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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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					
<u>Annual Data</u>					
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					
<u>Annual Data</u>					
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					

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	Status:	Registered	PO Box No:	
Approval Years:	As of Dec 2018	Country:	Canada	Choice of Contact:	
Contam. Facility:		Co Admin:		Phone No Admin:	
MHSW Facility:					
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	263 L				
Waste Class Desc:	Misc. waste organic chemicals				

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	Status:	Registered	PO Box No:	
Approval Years:	As of Jul 2020	Country:	Canada	Choice of Contact:	
Contam. Facility:		Co Admin:		Phone No Admin:	
MHSW Facility:					
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
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	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:	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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			

<u>3</u>	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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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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	Elevation:	61.137847
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438386.00
Code OB Desc:		North83:	5024389.00
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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002820301			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002820300			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002820302			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002820299			
Diameter:		20.0			
Depth From:					
Depth To:		3.5999999046325684			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002716658			Elevation:	62.736869
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438558.00
Code OB Desc:				North83:	5024409.00
Open Hole:	No			Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	23-Mar-2009 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002820310			
Layer:		1			
Plug From:		0			
Plug To:		0.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002820314			
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002820306			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
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			
<u>Hole Diameter</u>					
Hole ID:		1002820309			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		6.599999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002820252		Elevation:	61.155651	
DP2BR:			Elevrc:		
Spatial Status:			Zone:	18	
Code OB:			East83:	438445.00	
Code OB Desc:			North83:	5024413.00	
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002820256			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002820255			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002820257			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002820260			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	63.009407
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438416.00
Code OB Desc:		North83:	5024336.00
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: 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:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Hole Diameter</u>					
Hole ID:		1002820281			
Diameter:		20.0			
Depth From:					
Depth To:		4.800000190734863			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
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	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002820265				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002820264				
Method Construction Code:					
Method Construction:					
Other Method Construction:	HSA				
<u>Pipe Information</u>					
Pipe ID:	1002820266				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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				
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:	1002820269				
Pump Set At:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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:					
<u>Hole Diameter</u>					
Hole ID:			1002820263		
Diameter:			20.0		
Depth From:					
Depth To:			3.0		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		
<u>Bore Hole Information</u>					
Bore Hole ID:	1002820270			Elevation:	62.665599
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438442.00
Code OB Desc:				North83:	5024366.00
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1002820274		
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1002820273		
Method Construction Code:					
Method Construction:					
Other Method Construction:			HSA		
<u>Pipe Information</u>					
Pipe ID:			1002820275		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Casing No:</i>	0				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	1002820277				
<i>Layer:</i>					
<i>Material:</i>	5				
<i>Open Hole or Material:</i>	PLASTIC				
<i>Depth From:</i>					
<i>Depth To:</i>	0.899999976158142				
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>					
<i>Casing Depth UOM:</i>	m				
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>	1002820276				
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>	0.899999976158142				
<i>Screen End Depth:</i>	2.79999995231628				
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>	m				
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>	1002820278				
<i>Pump Set At:</i>					
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>					
<i>Rate UOM:</i>					
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>	1002820272				
<i>Diameter:</i>	20.0				
<i>Depth From:</i>					
<i>Depth To:</i>	4.300000190734863				
<i>Hole Depth UOM:</i>	m				
<i>Hole Diameter UOM:</i>	cm				
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1002820288			<i>Elevation:</i>	60.512447
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>				<i>East83:</i>	438351.00

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002820292			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002820291			
Method Construction Code:					
Method Construction:					
Other Method Construction:		HSA			
<u>Pipe Information</u>					
Pipe ID:		1002820293			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					

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

<u>4</u>	1 of 1	NW/157.1	59.7 / -7.67	Parkway & Richmond Dump Ottawa ON K2B	ANDR
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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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
UTM Y Nad 27: UTM Zone:		5024260 18			

<u>5</u>	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				
%CommercialWste:	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				

<u>6</u>	1 of 1	E/167.2	63.9 / -3.41	ON	BORE
Borehole ID:	610995			Inclin FLG:	No
OGF ID:	215512505			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	NOV-1963			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.369909
Total Depth m:	-999			Longitude DD:	-75.783069
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	438681
Drill Method:				Northing:	5024342
Orig Ground Elev m:	60			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	65.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218387172	Mat Consistency:	Compact
Top Depth:	2.6	Material Moisture:	
Bottom Depth:	3	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Till	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	TILL,SILT. COMPACT.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: M04474 Tag: A074563 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:				Contractor: 1844 Form Version: 5 Owner: Street Name: 285 LINCOLN HEIGHTS 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/712\7124632.pdf			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2008/09/24 Year Completed: 2008 Depth (m): 1.22 Latitude: 45.3702993966861 Longitude: -75.7863132043178 Path: 712\7124632.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 1002802803 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:	Elevation: 60.582420 Elevrc: Zone: 18 East83: 438401.00 North83: 5024416.00 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002802807			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002802806			
Method Construction Code:					
Method Construction:					
Other Method Construction:		GEOPROBE			
<u>Pipe Information</u>					
Pipe ID:		1002802808			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002802811			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	61.605167
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438427.00
Code OB Desc:		North83:	5024388.00
Open Hole:	No	Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	24-Sep-2008 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: 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002802827			
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002802821			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
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			
<u>Hole Diameter</u>					
Hole ID:		1002802823			
Diameter:		20.0			
Depth From:		0.0			
Depth To:		1.2000000476837158			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002802812		Elevation: 59.478637	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 438371.00	
Code OB Desc:				North83: 5024457.00	
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002802816			
Layer:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1002802815					
Method Construction Code:					
Method Construction:					
Other Method Construction: GEOPROBE					
<u>Pipe Information</u>					
Pipe ID: 1002802817					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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					
<u>Construction Record - Screen</u>					
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:					
<u>Results of Well Yield Testing</u>					
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
<u>Hole Diameter</u>					
Hole ID:		1002802814			
Diameter:		8.19999809265137			
Depth From:					
Depth To:		1.2200000286102295			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>7</u>	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:					
<u>7</u>	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		MOE District: Ottawa	
Approval Date:		2010-10-28		City:	
Status:		Approved		Longitude: -75.785	
Record Type:		ECA		Latitude: 45.3699	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
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			
<u>8</u>	1 of 2	S/184.1	69.9 / 2.53	1299 to 1315 Richmond Rd. Ottawa ON K2B 7Y4	EHS
Order No:		20010501007		Nearest Intersection: Assaly Lane	
Status:		C		Municipality:	
Report Type:		Complete Report		Client Prov/State: ON	
Report Date:		5/8/01		Search Radius (km): 0.35	
Date Received:		5/1/01		X: -75.785537	
Previous Site Name:				Y: 45.368007	
Lot/Building Size:					
Additional Info Ordered:					
<u>8</u>	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:					

<u>9</u>	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				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

<u>9</u>	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				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

<u>9</u>	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
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
<u>9</u>	4 of 18	SSW/187.9	69.9 / 2.53	ICMT 1305 RICHMOND ROAD, Suite 205 OTTAWA ON	GEN
Generator No:	ON2675800			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:	Testing Laboratories				
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
<u>9</u>	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			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110				
SIC Description:					
<u>9</u>	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			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110				
SIC Description:	Offices of Physicians				
<u>9</u>	7 of 18	SSW/187.9	69.9 / 2.53	NutriChem Pharmacy Ltd. 1305 RICHMOND ROAD, Suite 205 OTTAWA ON	GEN
Generator No:	ON2675800			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:	541380				
SIC Description:		Testing Laboratories			
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:	312				
Waste Class Desc:		PATHOLOGICAL WASTES			
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			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541380				
SIC Description:		TESTING LABORATORIES			
<u>Detail(s)</u>					
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			
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			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621110				
SIC Description:		OFFICES OF PHYSICIANS			
<u>Detail(s)</u>					
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
<u>9</u>	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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			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				

<u>9</u>	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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Carol S Yang
MHSW Facility:	No			Phone No Admin:	613-829-3221 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

<u>9</u>	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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			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)					

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

<u>9</u>	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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Carol S Yang
MHSW Facility:	No			Phone No Admin:	613-829-3221 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

<u>9</u>	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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Carol S Yang
MHSW Facility:	No			Phone No Admin:	613-829-3221 Ext.
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

<u>9</u>	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			PO Box No:	
Status:				Country:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2014 No No 541380			Choice of Contact: Co Admin: Phone No Admin: CO_OFFICIAL T Clark 613-739-1070 Ext.	
		TESTING LABORATORIES			
Detail(s)					
Waste Class: Waste Class Desc:		312 PATHOLOGICAL WASTES			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		211 AROMATIC SOLVENTS			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			

<u>9</u>	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: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5095063 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Canada	
Detail(s)					
Waste Class: Waste Class Desc:		261 A Pharmaceuticals			
Waste Class: Waste Class Desc:		312 P Pathological wastes			

<u>9</u>	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: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2675800 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: Canada	
Detail(s)					
Waste Class: Waste Class Desc:		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class: Waste Class Desc:		261 A Pharmaceuticals			

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

<u>9</u>	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			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			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:	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				

<u>10</u>	1 of 1	ENE/191.0	62.0 / -5.38	OTTAWA RIVER AND RICHMOND RD Ottawa ON	WWIS
Well ID:	7132696			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	10/27/2009
Sec. Water Use:	0			Selected Flag:	True
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	5
Audit No:	M02598			Owner:	
Tag:	A087265			Street Name:	OTTAWA RIVER AND RICHMOND RD
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132696.pdf			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
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			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/09/01			
Year Completed:		2009			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):					
Latitude:		45.3718283324987			
Longitude:		-75.7838824028987			
Path:		713\7132696.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1003250577			Elevation:	61.159469
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438619.00
Code OB Desc:				North83:	5024556.00
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003250581				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1003250580				
Method Construction Code:					
Method Construction:					
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1003250582				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1003250584				
Layer:					
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:					
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen ID:		1003250583			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Hole Diameter</u>					
Hole ID:		1003250579			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:					
Hole Diameter UOM:					
<u>Bore Hole Information</u>					
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003250599			
Layer:					
Plug From:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003250598			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1003250600			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003250602			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:					
<u>Construction Record - Screen</u>					
Screen ID:		1003250601			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1003250597			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:					
Hole Diameter UOM:					
<u>Bore Hole Information</u>					
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003250572			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003250571			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1003250573			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003250575			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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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	Elevation:	62.419425
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438618.00
Code OB Desc:		North83:	5024525.00
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1003250590			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003250589			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1003250591			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003250593			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:					
<u>Construction Record - Screen</u>					
Screen ID:		1003250592			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1003250588			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:					
Hole Diameter UOM:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002766691			Elevation:	62.977439
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438615.00
Code OB Desc:				North83:	5024490.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	28-Sep-2009 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003250609			
Layer:		1			
Plug From:		0			
Plug To:		0.910000026226044			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003250610			
Layer:		2			
Plug From:		0.910000026226044			
Plug To:		3.66000008583069			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003250615			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003250604			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
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				
<u>Hole Diameter</u>					
Hole ID:	1003250608				
Diameter:	8.25				
Depth From:	0.0				
Depth To:	3.6600000858306885				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Bore Hole Information</u>					
Bore Hole ID:	1003250559			Elevation:	60.393421
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438610.00
Code OB Desc:				North83:	5024585.00
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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003250563				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1003250562				
Method Construction Code:					
Method Construction:					
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1003250564				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	
Order No:	20070515025	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	CAN - Complete Report	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	
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:	
<u>Detail(s)</u>					
Waste Class: 264 Waste Class Desc: PHOTOPROCESSING WASTES					
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:	
<u>Detail(s)</u>					
Waste Class: 264 Waste Class Desc: PHOTOPROCESSING WASTES					
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:	
<u>Detail(s)</u>					
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			PO Box No:	
Status:				Country:	
Approval Years:	02			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>12</u>	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			PO Box No:	
Status:				Country:	
Approval Years:	95,96,97,98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	6031				
SIC Description:	PHARMACIES				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>12</u>	6 of 6	S/204.0	69.9 / 2.53	RICHMOND TECHNICAL SERVICES 1303 RICHMOND ROAD OTTAWA ON K2B 7Y4	GEN
Generator No:	ON0869101			PO Box No:	
Status:				Country:	
Approval Years:	04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>13</u>	1 of 1	SSW/209.1	69.9 / 2.53	1315 RICHMOND ROAD Ottawa ON	WWIS
Well ID:	7052464			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	11/16/2007
Sec. Water Use:				Selected Flag:	True
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	4
Audit No:	Z63680			Owner:	
Tag:	A063709			Street Name:	1315 RICHMOND ROAD
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2007/10/15			
Year Completed:		2007			
Depth (m):		6.1			
Latitude:		45.3680715798065			
Longitude:		-75.7856566085106			
Path:		705\7052464.pdf			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001494684			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		84			
Mat2 Desc:		SILTY			
Mat3:		91			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		4.269999980926514			
Formation End Depth:		6.099999904632568			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001494686			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001494688			
Layer:		3			
Plug From:		2.44000005722046			
Plug To:		6.09999990463257			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001494687			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0.310000002384186			
Plug To:		2.44000005722046			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001494693			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1001494679			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1001494691			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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
<u>Water Details</u>					
Water ID:			1001494689		
Layer:			1		
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:			1001494685		
Diameter:			8.890000343322754		
Depth From:					
Depth To:			6.099999904632568		
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
14	1 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN-VALETOR-CASH CLEANERS 1315 RICHMOND ROAD C/O 1764 WOODWARD DRIVE OTTAWA ON K2B 8J7	GEN
Generator No:	ON0573405			PO Box No:	
Status:				Country:	
Approval Years:	86,87,88,89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANERS				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
14	2 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 35-136 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN
Generator No:	ON0573405			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9721				
SIC Description:	POWER LAUND./CLEANER				
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
14	3 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:	97,98			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: 9721 SIC Description:		POWER LAUND./CLEANERS		Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
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 Status: Approval Years: 99,00,01,05,06,07,08 Contam. Facility: MHSW Facility: SIC Code: 9721 SIC Description:		POWER LAUND./CLEANERS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
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 Status: Approval Years: 92,93,94 Contam. Facility: MHSW Facility: SIC Code: 0000 SIC Description:		*** NOT DEFINED ***		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
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 Status: Approval Years: 01,02,03,04 Contam. Facility: MHSW Facility: SIC Code: 9721 SIC Description:		POWER LAUND./CLEANERS		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
14	7 of 20	S/215.9	69.9 / 2.53	Dymon Capital 1315 Richmond Rd Ottawa ON K2B 8J7	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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					
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			
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					
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			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812320				
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
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			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812320				
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
14	13 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON	GEN
Generator No:	ON0573405			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	812320				
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Yogaprabha Selvaraj
MHSW Facility:	No			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				
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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Yogaprabha Selvaraj
MHSW Facility:	No			Phone No Admin:	613-829-4777 Ext.
SIC Code:	812320				
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Yogaprabha Selvaraj
MHSW Facility:	No			Phone No Admin:	613-829-4777 Ext.
SIC Code:	812320				
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)				
Detail(s)					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
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			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:	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:

14	19 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN
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Generator No: ON0573405
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: 241 H
Waste Class Desc: Halogenated solvents and residues

14	20 of 20	S/215.9	69.9 / 2.53	SPIC & SPAN 2000 INC. 1315 RICHMOND ROAD OTTAWA ON K2B 8J7	GEN
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Generator No: ON0573405
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: 241 H
Waste Class Desc: Halogenated solvents and residues

15	1 of 1	SSW/220.0	69.9 / 2.55	ON	BORE
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Borehole ID: 610988
OGF ID: 215512498
Status:
Type: Borehole
Use:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	NOV-1958 43.6 Ground Surface 68.6 71			Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	45.368 -75.785852 18 438461 5024132 Not Applicable	
<u>Borehole Geology Stratum</u>						
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218387147 0 13.7 Blue Clay CLAY. BLUE.			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218387148 13.7 43.6 Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense	
Stratum Description: LIMESTONE. 00140IFIED,SOIL. UNSPECIFIED,TILL. LOOSE. UNSPECIFIED,TILL, SAND. DENSE. .						
<u>Source</u>						
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Ident: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 03496 NTS_Sheet:						
<u>Source List</u>						
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	

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1 of 1

SSW/220.1

69.9 / 2.55

ON

WWIS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508687			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579291			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
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			
<u>Water Details</u>					
Water ID:		933463312			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			
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:					
17	2 of 7	SE/228.5	67.8 / 0.45	Hydro One Netyworks Inc. 1290 Richmond 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			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Mike Harvey
MHSW Facility:	No			Phone No Admin:	866-782-4489 Ext.
SIC Code:	221122				
SIC Description:	ELECTRIC POWER DISTRIBUTION				
<u>Detail(s)</u>					
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 Richmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	GEN
Generator No:	ON5608342			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Mike Harvey
MHSW Facility:	No			Phone No Admin:	866-782-4489 Ext.
SIC Code:	221122				
SIC Description:	ELECTRIC POWER DISTRIBUTION				
<u>Detail(s)</u>					
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 Richmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	GEN
Generator No:	ON5608342			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:					
<u>Detail(s)</u>					
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 Richmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	GEN
Generator No:	ON5608342			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Mike Harvey

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 221122			Phone No Admin: 866-782-4489 Ext.	
ELECTRIC POWER DISTRIBUTION					
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
<u>17</u>	6 of 7	SE/228.5	67.8 / 0.45	Hydro One Netyworks Inc. 1290 Richmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5608342 Registered As of Jul 2020			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)				
Waste Class: Waste Class Desc:	251 T Waste oils/sludges (petroleum based)				
<u>17</u>	7 of 7	SE/228.5	67.8 / 0.45	Hydro One Netyworks Inc. 1290 Richmond Road Lincoln Heights TS Ottawa ON K1Z 0B1	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5608342 Registered As of Apr 2021			PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	251 T Waste oils/sludges (petroleum based)				
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)				
<u>18</u>	1 of 1	ENE/234.1	60.9 / -6.47	ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag:	1508448 Domestic 0 Water Supply			Data Entry Status: Data Src: 1 Date Received: 11/26/1951 Selected Flag: True Abandonment Rec: Contractor: 4832 Form Version: 1 Owner: Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:				County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA OTTAWA CITY

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961508448			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579052			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
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		
<u>Construction Record - Casing</u>					
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		
<u>Results of Well Yield Testing</u>					
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		
<u>Water Details</u>					
Water ID:			933462948		
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			68.0		
Water Found Depth UOM:			ft		
<u>Water Details</u>					
Water ID:			933462951		
Layer:			4		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			100.0		
Water Found Depth UOM:			ft		
<u>Water Details</u>					

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

19	1 of 1	ENE/234.3	60.9 / -6.47	ON	BORE
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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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		SOIL.			
Geology Stratum ID:	218387185			Mat Consistency:	
Top Depth:	2.4			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:		FILL.			
Geology Stratum ID:	218387186			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	15.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Fill			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	fill
Gsc Material Description:					
Stratum Description:		SAND,FILL.			
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: 03509 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				
20	1 of 1	NE/239.7	59.9 / -7.47	ON	WWIS
Well ID:	1508495			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/30/1956
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	61.155963
DP2BR:	16.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	438635.60
Code OB Desc:	Bedrock	North83:	5024552.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12-Dec-1955 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: 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508495			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579099			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463020			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			

21	1 of 1	E/244.2	61.9 / -5.47	1180 RICHMOND RD. OTTAWA ON	WWIS
Well ID:		7224131		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received:	7/21/2014
Sec. Water Use:		0		Selected Flag:	True
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:		Z188217		Owner:	
Tag:		A162998		Street Name:	1180 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:	2014/06/11
Year Completed:	2014
Depth (m):	4.57
Latitude:	45.3702022349482
Longitude:	-75.7821103932757
Path:	

Bore Hole Information

Bore Hole ID:	1004949716	Elevation:	66.596580
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438756.00
Code OB Desc:		North83:	5024374.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11-Jun-2014 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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005233794			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		1.22000002861023			
Plug Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005233795			
Layer:		3			
Plug From:		1.22000002861023			
Plug To:		4.57000017166138			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005233793			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005233792			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005233782			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Screen</u>					
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			
<u>Water Details</u>					
Water ID:		1005233787			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005233786			
Diameter:		10.920000076293945			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[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:

[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 **Elevation:** 66.808349
DP2BR: **Elevrc:**
Spatial Status: **Zone:** 18

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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006600509			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006600510			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		1.83000004291534			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006600511			
Layer:		3			
Plug From:		1.83000004291534			
Plug To:		5.13000011444092			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006600508			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1006600497			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
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		
<u>Water Details</u>					
Water ID:			1006600503		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			m		
<u>Hole Diameter</u>					
Hole ID:			1006600502		
Diameter:			11.399999618530273		
Depth From:			0.0		
Depth To:			5.130000114440918		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		
<u>24</u>	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):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2016/12/23				
Year Completed:	2016				
Depth (m):	4.57				
Latitude:	45.3704722499755				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.7821141149103			
Path:					
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006602896				
Layer:	3				
Color:	6				
General Color:	BROWN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006602906			
Layer:		2			
Plug From:		0.310000002384186			
Plug To:		1.22000002861023			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006602907			
Layer:		3			
Plug From:		1.22000002861023			
Plug To:		4.57000017166138			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006602905			
Layer:		1			
Plug From:		0			
Plug To:		0.310000002384186			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006602904			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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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 Township 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 Gladstone 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 Gladstone 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 Township 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:
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:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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
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: 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
Oper Status 2016: Historic
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
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: Parkway and Richmond Dump
ERC Methodology:
Site Name:
Site Location Details: Ottawa
Service Area:
Page URL:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl Gas:
Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Apprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa ON

Database:
LIMO

ECA/Instrument No: X1007
Oper Status 2016: Historic
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfl 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

Lndfl Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Apprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Service Area:
Page URL:

Ottawa

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
Site No:
Incident Dt: 11/6/2003
Year:
Incident Cause: Cooling System Leak
Incident Event:
Contaminant Code: 13
Contaminant Name: MINERAL OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/14/2004
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
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

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Transformer
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spill to Land
Source Type:

Site: National Capital Commission
Ottawa River Pkwy at the Parkdale Off Ramp West Bound Ottawa ON

Database:
SPL

Ref No: 3376-7TLV2S
Site No:
Incident Dt:
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code:
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/3/2009
Dt Document Closed:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Land Spills

Incident Reason: Spill
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

Source Type:

Site: **TEXACO**
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No: 14431
Site No:
Incident Dt: 2/2/1989
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1989
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **Richmond Ottawa ON**

Database:
SPL

Ref No: 6637-67GQEZ
Site No:
Incident Dt: 8/6/2004
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: FURNACE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/8/2004
Dt Document Closed:
Incident Reason:
Site Name: 6570 FRANKTOWN RD<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: 6570 Franktown Rd - furnace oil spill
Contaminant Qty:

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Notification
Source Type:

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 / 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 is 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

Variations 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 30th, 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

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

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