PATERSON GROUP

Phase I Environmental Site Assessment

210 Clearview Avenue

Ottawa, Ontario

Prepared for Homestead Land Holdings Inc.

Report: PE5751-1
July 15, 2022

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Homestead Land Holdings Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 210 Clearview Avenue in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical information reviewed, the Phase I Property was first developed for residential purposes circa 1950 prior to be converted to a parking lot in the early 1970s. No PCAs were identified with respect to the historical use of the Phase I Property.

One coal shed had historically occupied the central portion of the property addressed 38 Metropole Private (185m SE). Multiple waste generator records were documented for the property addressed 250 Lanark Avenue (205m SW) from 1986 to 2022.

The generated waste classes included acid waste-heavy metals, halogenated solvents, waste oils and lubricants and photo processing wastes associated with Canadian Broadcasting Corporation, the Public Works, and Governments Services Canada and BGIS. One historical spill record pertaining to a 50L hydraulic oil spill, was documented for the property addressed 281 Lanark Avenue (183m W). The property addressed 35 Briarway Private (196m SE) had historically been occupied industrial mould and metal window and door manufacturer. The Canadian Pacific Railway had historically travelled east to west approximately 205m south of the Phase I Property.

The historical coal shed, waste generator records, spill, manufacturer, and railway are considered to represent PCAs however, based on their separation distances and/or cross/down gradient orientation with respect to the Phase I Property, they are not considered to represent APECs on the Phase I Property. Additionally, the former location of the coal shed has since been redeveloped.

Following the historical review, a site inspection was conducted. The Phase I Property is primarily occupied by a large parking lot used in conjunction with the apartment building on the adjacent property to the east with landscaped grass areas in the western half of the property. No PCAs were identified with respect to the current use of the Phase I - Property.

Engineered fill material consisting primarily of silty sand, granulars and crushed stone was identified in boreholes advanced during the geotechnical program completed in conjunction with the Phase I – ESA. Based on the characteristics of the encountered fill material and there having been no identifiable impacts or deleterious materials within the fill, its presence is not considered to represent an APEC on the Phase I Property.

The surrounding land use consists primarily of residential dwellings with the Centre Jules-Léger on the adjacent property to the west. No PCAs were identified with respect to the current use of the neighbouring properties.

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

1.0 INTRODUCTION

At the request of Homestead Land Holdings Inc., Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) for Part of 210 Clearview Avenue, 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. Jack Mangan of Homestead Land Holdings Inc. Mr. Mangan can be contacted via his mailing address at 80 Johnson Street, Kingston, Ontario, K7L 1X7.

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 (reaffirmed 2022). 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 PHASE I PROPERTY INFORMATION

Address:	210 Clearview Avenue, Ottawa, Ontario.
Legal Description:	Part of Block A, Registered Plan: 302828 and Part of Lot 32, Concession A (Ottawa Front), Geographic Township of Nepean, in the City of Ottawa.
Location:	The Phase I Property is located on the south side of Clearview Avenue, approximately 90m west of the Clearview Avenue and Ellendale Crescent intersection in the City of Ottawa, Ontario.
Latitude and Longitude:	45° 23' 26.92" N, 75° 43' 24.9" W
Site Description:	
Configuration:	Rectangular
Site Area:	0.54 ha (approximate)
Zoning:	R5CH – Residential Fifth Density Zone
Current Use:	The western portion of the Phase I Property is occupied by a large parking lot (used in conjunction with the multi-tenant residential apartment building on the adjacent property to the east). The eastern portion of the Phase I Property consists primarily of landscaped grass areas with a small asphaltic concrete area used for additional parking spaces.
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 Phase I ESA Property and study area by conducting site reconnaissance;
- ❑ Conduct interviews with persons knowledgeable of current and historic operations on the Phase I ESA Property, and if warranted, neighbouring properties;
- ❑ Present the results of our findings in a comprehensive report in general accordance with the requirements O.Reg. 153/04 as amended under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01 (reaffirmed 2022);
- ❑ 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 initially used for agricultural purposes prior to being developed for residential purposes circa 1950 and then being converted to a parking lot circa 1970.

Fire Insurance Plans (FIPs)

The Phase I – Property and surrounding lands are not shown on the FIPs until 1956, at which time the Phase I Property had been developed with two multi-tenant residential buildings with two detached private garages. The neighbouring properties were also developed with residential dwellings at this time.

The property to the south across Corbett Road (now Lanark Avenue) addressed 1303 Corbett Road (now 38 Metropole Private) is occupied by the Independent Coal and Lumber Co. Ltd. One large coal shed is located in the central portion of this property and had previously been accessed by a spur line off of the Canadian Pacific Railway. The former coal storage shed located in the central portion of the property now addressed 38 Metropole Private (185m SE) is considered to represent a PCA however, based on its separation distance with respect to the Phase I Property, and the redevelopment of that area, the former coal shed does not result in an APEC on the Phase I Property.

The 1957 FIP was also reviewed, and no significant changes had been made to the Phase I or neighbouring properties at that time.

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 1963, at which point it was documented under residential land use and remained as such until 2011. No additional PCAs/APECs were identified through a review of the city directories with respect to the Phase I Property.

The surrounding lands consisted primarily of residential dwellings and apartment buildings. No PCAs were identified through a review of the city directories with respect to the historical 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. One record was documented for the property addressed 250 Lanark Avenue under the Canadian Broadcasting Corporation. The substances released were hydrofluorocarbon, oxides of nitrogen and sulphur dioxide.

Based on its separation distance and the receiving medium being air, the documented NPRI records for the property addressed 250 Lanark Avenue are not considered to have had the potential to impact the Phase I Property.

PCB Waste Storage Site Inventory

A search of the provincial PCB waste storage site inventory was conducted as part of this assessment. No records of PCB waste storage sites were listed in the database for the Phase I Property, or any properties located 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. A review of this document did not identify any relevant records pertaining to the Phase I Property or for properties located within the Phase I Study Area.

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 Phase I 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 Phase I 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 Phase I 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 Phase I 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 Phase I Property. At the time of issuing this report, a response from the MECP had not been received.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted electronically for the Phase I Property and for properties located within the Phase I Study Area. No records of site condition were identified within the Phase I Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (MNRF) website. No natural features or areas of natural significance were identified on the subject property or within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically to inquire about current and former underground storage tanks, spills, and incidents for the subject and neighbouring properties. The response from the TSSA indicated that no environmental records were identified for the Phase I 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

The document prepared by Golder Associates entitled “Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa”, was reviewed. No former landfills were identified within the Phase I study area. One former landfill was identified 272m south of the Phase I Property (L19). Based on its significant separation distance, the former landfill is not considered to have had the potential to impact the Phase I Property.

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:

- ❒ Phase II - Environmental Site Assessment, 185, 195, 200 Clearview Avenue, Ottawa, Ontario.", dated November 1996, prepared by ADAMAS Environmental Inc.

The Phase II – ESA completed by ADAMAS in 1996 involved the advancement of four boreholes on the western portion of 200 Clearview Avenue in order to assess the quality of previously placed fill material. The fill material encountered consisted of brown to black sand and gravel extending to depths ranging from 1.3 to 1.75m below grade. No unusual odours were noted at the time of the assessment however, minor quantities of "slag-type material" were reported in fill samples recovered from BH-4 and BH-6 located in the northern and southern portions of the current Phase I Property, respectively.

Two fill samples from these boreholes were submitted for analytical testing of heavy metals. All detected concentrations were found to be in compliance with the applicable Ministry of the Environment (MOE) Table B criteria for the Phase I Property at the time.

- ❒ "Phase I - Environmental Site Assessment Update, 200 Clearview Avenue, Ottawa, Ontario.", dated March 2003, prepared by Paterson.

The Phase I– ESA Update was completed by Paterson Group in March of 2003 and covers the entire current Phase I Property. No additional environmental concerns were identified at the time of the assessment and a Phase II – ESA was not recommended.

- ❒ "Phase I - Environmental Site Assessment Update, 185, 195 and 200 Clearview Avenue, Ottawa, Ontario.", dated March 2007, prepared by Paterson.

Based on the findings of the 2007 Phase I ESA Update that was completed for the entire current Phase I Property, no environmental concerns were identified with the potential to impact the Phase I Property, and no further work was recommended at the time of the assessment.

- "Phase I - Environmental Site Assessment Update, 185, 195 and 200 Clearview Avenue, Ottawa, Ontario.", dated March 2010, prepared by Paterson.

Based on the findings of the 2010 Phase I ESA Update that was completed for the entire current Phase I Property, no environmental concerns were identified with the potential to impact the Phase I Property, and no further work was recommended at the time of the assessment:

- "Phase I - Environmental Site Assessment, 185, 195 and 200 Clearview Avenue, Ottawa, Ontario.", dated November 2019, prepared by Paterson.

Based on the findings of the 2019 Phase I ESA that was completed for the entire current Phase I Property, no environmental concerns were identified with the potential to impact the Phase I Property, and no further work was recommended at the time of the assessment:

- "Phase I - Environmental Site Assessment Update, 200 Clearview Avenue, Ottawa, Ontario.", dated November 2021, prepared by Paterson.

Based on the findings of the 2021 Phase I ESA that was completed for the entire current Phase I Property, no environmental concerns were identified with the potential to impact the Phase I Property, and no further work was recommended at the time of the assessment.

- "Ongoing Geotechnical Investigation and Excess Soil Quality Assessment.", dated July 2022, prepared by Paterson.

Paterson completed a geotechnical investigation in conjunction with the current Phase I – ESA to assess soil conditions beneath the Phase I Property. Five boreholes were drilled to a maximum depth of 12.2m below the existing grade. The subsurface profile consisted of fill material in the form of brown silty sand with crushed stone and gravel extending to a maximum depth of 1.78m. The fill material was underlain by dense brown silty sand with gravel and cobbles extending to a maximum depth of 2.95m in BH5-22 or dolostone interbedded with limestone bedrock.

No unusual observations were made at the time of the subsurface investigation and no abnormal odors were noted 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.

A total of 76 records from various databases were identified in the ERIS search within the 250 m search radius, which included Boreholes, Certificates of Approvals (CA), Environmental Activity and Sector Registry (EASR), Environmental Registry (EBR), Environmental Compliance Approvals (ECAs), ERIS Historical Searches, Ontario Regulation 347 Waste Generators, TSSA Historic Incidents, Ontario Spills Registry, National Pollutant Release Inventory, Pipeline Incidents, Scott's Manufacturing Directory, Ontario Spills and Water Well Information Systems (WWIS).

The O.Reg 347 Waste Generator records pertain primarily to the adjacent property to the east addressed 200 Clearview Avenue operating as a real estate company from 2011 to 2021. The recorded waste classes include halogenated solvents, light fuels and oil skimmings and sludges. Based on the property being occupied as a residential apartment building at the time of the documented records, it is our opinion that the generated wastes from 200 Clearview Avenue do not have the potential to impact the Phase I Property.

Additional waste generator records were documented for the property addressed 195 Clearview Avenue (80m NE). The documented waste classes are limited to light fuels and waste oils and lubricants. Based on the separation distance and down gradient orientation with respect to the Phase I Property, the generated wastes from 195 Clearview Avenue are not considered to result in an APEC on the Phase I Property.

The generated wastes documented for the property addressed 195 Clearview Avenue are not considered to have had the potential to impact the Phase I Property.

Multiple waste generator records were also documented for the property addressed 250 Lanark Avenue (205m SW) from 1986 to 2022. The generated waste classes included acid waste-heavy metals, halogenated solvents, waste oils and lubricants and photo processing wastes associated with Canadian Broadcasting Corporation, Public Works, and Governments Services Canada and BGIS.

The generated wastes on the property addressed 250 Lanark Avenue are considered to represent a PCA based on the nature and duration of the generated waste classes, however, based its separation distance and cross gradient orientation with respect to the Phase I Property, the generated wastes from 250 Lanark Avenue are not considered to result in an APEC on the Phase I Property.

One of the documented spill records is associated with a historical hydraulic oil spill located on the property addressed 281 Lanark Avenue (183m W). The documented spill record pertains to 50L of hydraulic oil having been discharged into a drain and sump pit.

The spill record associated with the property addressed 281 Lanark Avenue is considered to represent a PCA however, given its separation distance and down gradient orientation with respect to the Phase I Property, the historical spill is not considered to result in an APEC on the Phase I Property.

The documented Scott's Manufacturing records are associated with the property addressed 35 Briarway Private as an industrial mould and metal window and door manufacturer. The former manufacturing activities on the property 35 Briarway Private (196m SE) represent a PCA however, based on its separation distance and down gradient orientation with respect to the Phase I Property, the former manufacturing operations are not considered to result in an APEC on the Phase I Property.

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

4.3 Physical Setting Sources

Aerial Photographs

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:

1928 The Phase I Property appears to be in the initial stages of development with disturbed soil located in the central and western portions of the property. The majority of the neighbouring properties exist as vacant or undeveloped land. The property further southeast of the Phase I Property is occupied by a lumber storage yard.

1965	The Phase I Property is now occupied by two residential dwellings and two private garages that occupy the western portion of the property. The adjacent property to the east has been developed with multiple residential dwellings and Clearview Avenue and Lanark Avenue can be seen in their current configurations immediately north and south of the Phase I Property, respectively. The property to the west has been developed with an institutional building. The properties to the north have been developed with residential dwellings and Ellendale Crescent can be seen in its current configuration further easts of the Phase I Property. A rail line can be seen running east to west further south of the Phase I Property.
1976	The western portion of the Phase I Property has been redeveloped as a parking lot used in conjunction with the large apartment building now located on the adjacent property to the east. The eastern portion of the Phase I Property is occupied primarily by landscaped grass areas, with a small asphaltic concrete parking pad used for additional parking space for the apartment building on the adjacent property to the east. The properties to the north across Clearview Avenue have been developed with large apartment buildings.
1991	No significant changes have been made to the Phase I or neighboring properties since the previous photograph.
1999	No significant changes have been made to the Phase I or neighboring properties since the previous photograph.
2011	No significant changes have been made to the Phase I Property since the previous photograph. The properties to the south and further southeast across Clearview Avenue have been developed with multi-tenant residential buildings.
2017	No significant changes have been made to the Phase I Property since the previous photograph. The large commercial building located on the property further southwest has been demolished.
2019	No significant changes have been made to the Phase I Property or neighbouring properties since the previous photograph.

The former railway (235m S) is considered to represent a PCA however, based on its separation distance and there having been no fueling or ancillary operations in the vicinity of the Phase I Property, the historical railway is not considered to result in 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 Phase I Property is approximately 58 m above sea level.

The regional topography in the general area of the subject property slopes down towards the north, 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 Phase I 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, the bedrock in the area of the Phase I Property consists of interbedded limestone and dolostone of the Gull River Formation. Overburden soils are shown as glacial till, with a drift thickness on the order of 2 to 5 m.

Based on the most recent geotechnical investigation, the subsurface profile consisted of fill material in the form of brown silty sand with crushed stone and gravel extending to a maximum depth of 1.78m. The fill material was underlain by dense brown silty sand with gravel and cobbles extending to a maximum depth of 2.95m in BH5-22 or dolostone interbedded with limestone bedrock.

MECP Water Well Records

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

No well records were documented on the Phase I Property.

Eight monitoring well records were identified on properties within the Phase I study area. Based on the well records, the stratigraphy in the area of the Phase I Property consists primarily of a surficial layer of gravel underlain by brown silty sand. Bedrock was encountered at an average depth of 1.22m. The depth of the water table was not recorded in the reviewed monitoring well records.

Water Bodies and Areas of Natural Significance

There are no water bodies or areas of natural significance in the Phase I study area. The nearest named water body with respect to the Phase I Property is the Ottawa River located approximately 560m north of the Phase I Property.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site inspection was conducted on May 27, 2022, 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

Mr. Jack Mangan the current property owner, was interviewed as part of this assessment. Mr. Mangan informed Paterson that no fuel or oil has ever been stored on the Phase I Property and that he 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 western portion of the Phase I Property is occupied by a large asphaltic concrete parking lot used in conjunction with a large apartment building located on the adjacent property to the east.

The eastern portion of the Phase I Property consists primarily of landscaped grass areas with a small asphaltic concrete area used for additional parking space.

The Phase I Property and regional topography slope gradually down towards the north, in the direction of the Ottawa River. Water drainage on the Phase I Property consists primarily of sheet flow to manholes located along Clearview Avenue. 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 PE5751-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

No buildings or structures are present on the Phase I Property.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  No above ground storage tanks (ASTs) or signs of underground storage tanks (USTs) were observed on the Phase I 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)**

  No transformers or other sources of PCBs were observed on the Phase I Property at the time of the site inspection.

- **Waste Management**

  No waste is being generated on the Phase I Property.

- **Fill Material**

  Fill material was encountered during the geotechnical assessment completed in conjunction with the Phase I – ESA.

  The encountered fill material was considered to be engineered fill consisting primarily of silty sand, granulars and crushed stone. Given the characteristics of the fill material in conjunction with their being no evidence of impacts or deleterious materials, it is not considered to represent an APEC on the Phase I Property. Analytical testing of the soil at the Phase I property is being carried out as part of an excess soil quality assessment program.

Neighbouring Properties

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

North: Cedarview Avenue followed by multi-tenant residential dwellings.

South: Lanark Avenue followed by multi-tenant residential dwellings.

East: Residential apartment building followed by Ellendale Crescent.

West: Large parking lot followed by Centre Jules-Léger.

No PCAs were identified with respect to the current use of the Phase I Property or surrounding lands. Neighbouring land use within the Phase I Study Area is illustrated on Drawing PE5751-2 – 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 for residential purposes circa 1950 prior to being converted into a parking lot circa 1970.

Potentially Contaminating Activities (PCAs)

Table 1
Potentially Contaminating Activities (PCAs)

PCA	Location of PCA	APEC (Y/N)
Historical coal storage shed	38 Metropole Private (185m SE)	N
Waste generator records	250 Lanark Avenue (205m SW)	N
Former 50L hydraulic oil spill	281 Lanark Avenue (183m W)	N
Historical industrial mould and metal window and door manufacturer	35 Briarway Private (196m SE)	N
Historical Canadian Pacific Railway	235m south	N

Areas of Potential Environmental Concern (APECs)

No APECs were identified on the Phase I Property.

Contaminants of Potential Concern (CPCs)

No CPCs are present on the Phase I Property as no APECs were considered to have resulted from the identified PCAs.

6.2 Conceptual Site Model

Geological and Hydrogeological Setting

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, the bedrock in the area of the Phase I Property consists of interbedded limestone and dolostone of the Gull River Formation. Overburden soils are shown as glacial till, with a drift thickness on the order of 2 to 5 m.

Based on the completed geotechnical investigation, the subsurface profile consisted of fill material in the form of brown silty sand with crushed stone and gravel extending to a maximum depth of 1.78m. The fill material was underlain by dense brown silty sand with gravel and cobbles extending to a maximum depth of 2.95m or dolostone interbedded with limestone bedrock.

Existing Buildings and Structures

No buildings or structures are present on the Phase I Property.

Areas of Natural Significance

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

Water Bodies

The nearest named water body with respect to the Phase I Property is the Ottawa River located approximately 560m north of the Phase I Property.

Water Wells

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

No well records were documented on the Phase I Property.

Eight monitoring well records were identified on properties within the Phase I study area. Based on the well records, the stratigraphy in the area of the Phase I Property consists primarily of a surficial layer of gravel underlain by brown silty sand. Bedrock was encountered at an average depth of 1.22m. 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 with the Centre Jules Leger located on the west end of the Clearview Avenue.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

Five 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 CPCs are present on the Phase I Property as no APECs were considered to have resulted from the identified PCAs.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no APECs associated with the Phase I - Property.

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 Homestead Land Holdings Inc. to conduct a Phase I – Environmental Site Assessment (Phase I ESA) on the property addressed 210 Clearview Avenue in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical information reviewed, the Phase I Property was first developed for residential purposes circa 1950 prior to be converted to a parking lot in the early 1970s. No PCAs were identified with respect to the historical use of the Phase I Property.

One coal shed had historically occupied the central portion of the property addressed 38 Metropole Private (185m SE). Multiple waste generator records were documented for the property addressed 250 Lanark Avenue (205m SW) from 1986 to 2022.

The generated waste classes included acid waste-heavy metals, halogenated solvents, waste oils and lubricants and photo processing wastes associated with Canadian Broadcasting Corporation, the Public Works, and Governments Services Canada and BGIS. One historical spill record pertaining to a 50L hydraulic oil spill, was documented for the property addressed 281 Lanark Avenue (183m W). The property addressed 35 Briarway Private (196m SE) had historically been occupied industrial mould and metal window and door manufacturer. The Canadian Pacific Railway had historically travelled east to west approximately 205m south of the Phase I Property.

The historical coal shed, waste generator records, spill, manufacturer, and railway are considered to represent PCAs however, based on their separation distances and/or cross/down gradient orientation with respect to the Phase I Property, they are not considered to represent APECs on the Phase I Property. Additionally, the former location of the coal shed has since been redeveloped.

Following the historical review, a site inspection was conducted. The Phase I Property is primarily occupied by a large parking lot used in conjunction with the apartment building on the adjacent property to the east with landscaped grass areas in the western half of the property. No PCAs were identified with respect to the current use of the Phase I - Property.

Engineered fill material consisting primarily of silty sand, granulars and crushed stone was identified in boreholes advanced during the geotechnical program completed in conjunction with the Phase I – ESA. Based on the characteristics of the encountered fill material and there having been no identifiable impacts or deleterious materials within the fill, its presence is not considered to represent an APEC on the Phase I Property.

The surrounding land use consists primarily of residential dwellings with the Centre Jules-Léger on the adjacent property to the west. No PCAs were identified with respect to the current use of the neighbouring properties.

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

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 (reaffirmed 2022).

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 Phase I Property 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 Homestead Holdings Inc. Permission and notification from Homestead Holdings Inc. and Paterson Group will be required to release this report to any other party.

Paterson Group Inc.

Samuel Berube, EIT

Adrian Menyhart, P.Eng., QP_{ESA}

Report Distribution:

- Homestead Land Holdings Inc.
- Paterson Group Inc.

10.0 REFERENCES

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

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

Municipal Records
City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
City of Ottawa Historical Land Use Inventory
The City of Ottawa eMap website.

Local Information Sources
Previous Engineering Reports.
Personal Interviews.

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

Private Information Sources
ERIS Report

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5751-1 – SITE PLAN

DRAWING PE5751-2 – SURROUNDING LAND USE PLAN

FIGURE 1

KEY PLAN

PATERSON GROUP

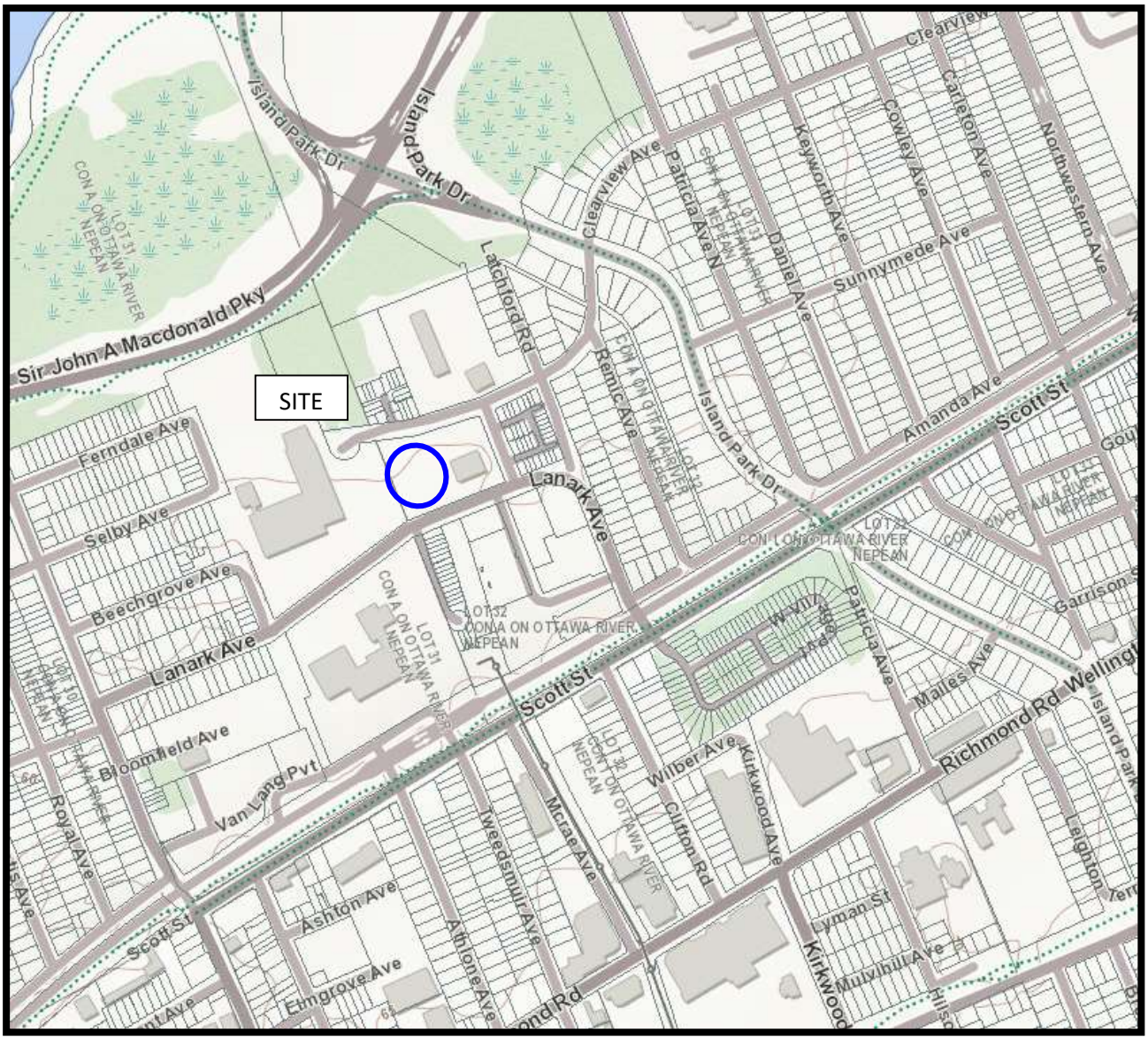
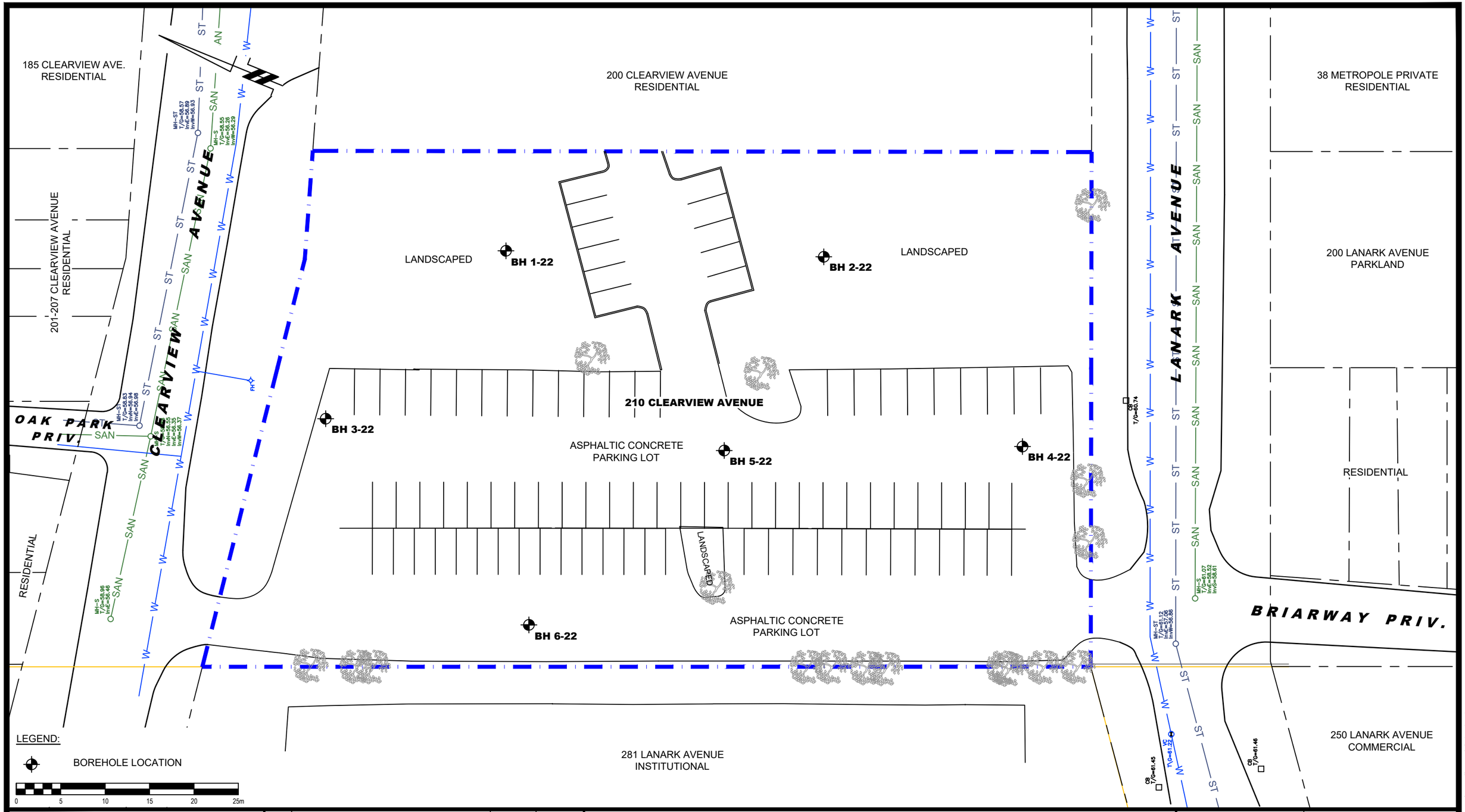


FIGURE 2

TOPOGRAPHIC MAP

PATERSON GROUP



PATERSON GROUP
SOLUTION ORIENTED ENGINEERING

NO.	REVISIONS	DATE	INITIAL

HOMESTEAD LAND HOLDINGS INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
210 CLEARVIEW AVENUE
OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:400	**Date:** 07/2022
Drawn by: JM	**Report No.:** PE5751-1
Checked by: SB	**Dwg. No.:** PE5751-1
Approved by: AM	**Revision No.:**

11x17

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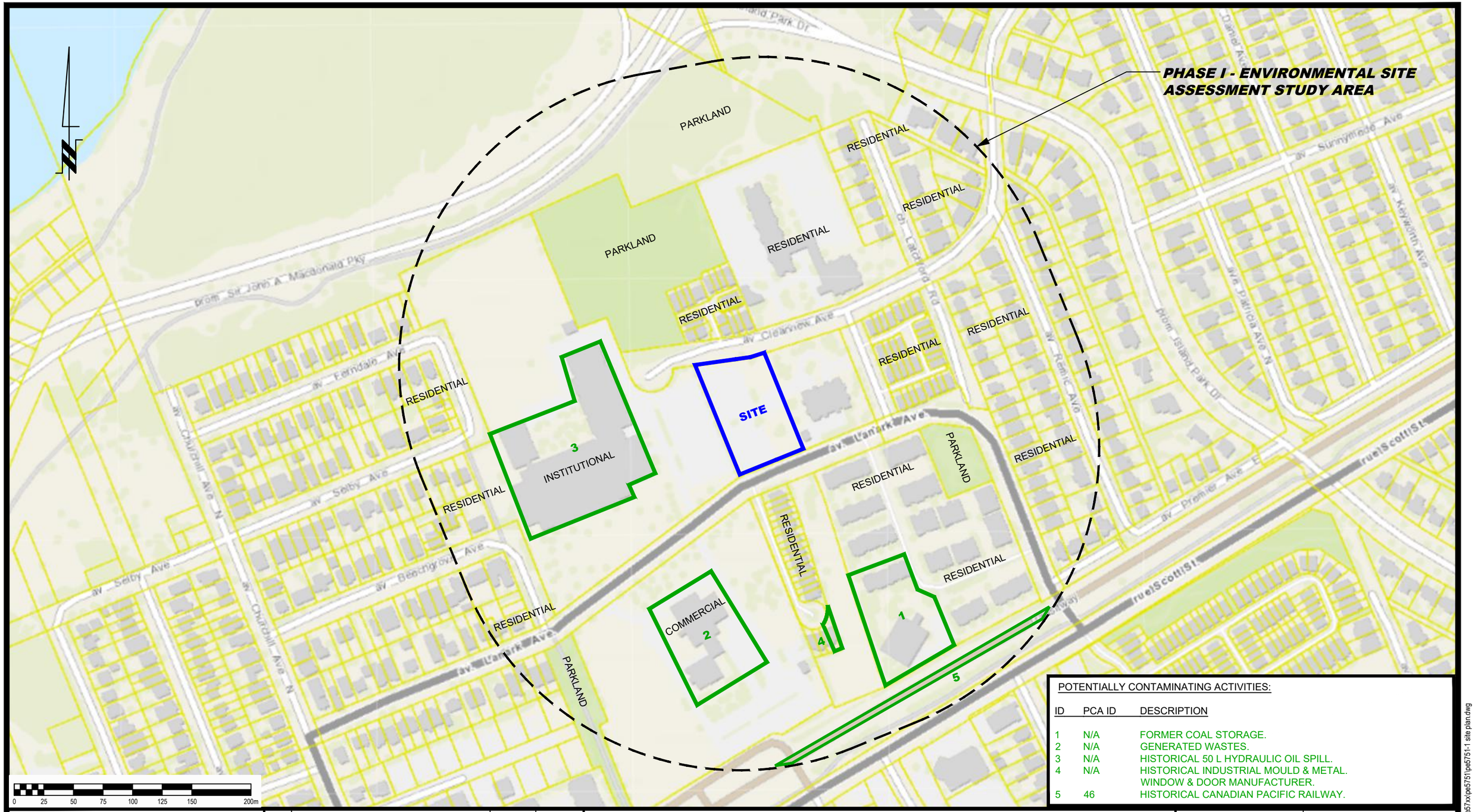

POTENTIALLY CONTAMINATING ACTIVITIES:

ID	PCA ID	DESCRIPTION
1	N/A	FORMER COAL STORAGE.
2	N/A	GENERATED WASTES.
3	N/A	HISTORICAL 50 L HYDRAULIC OIL SPILL.
4	N/A	HISTORICAL INDUSTRIAL MOULD & METAL. WINDOW & DOOR MANUFACTURER.
5	46	HISTORICAL CANADIAN PACIFIC RAILWAY.

PATERSON GROUP
SOLUTION ORIENTED ENGINEERING

NO.	REVISIONS	DATE	INITIAL

HOMESTEAD LAND HOLDINGS INC.

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
210 CLEARVIEW AVENUE
OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:3000	Date: 07/2022
Drawn by: JM	Report No.: PE5751-1
Checked by: SB	Dwg. No.: PE5751-2
Approved by: AM	Revision No.:

11x17

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APPENDIX 1

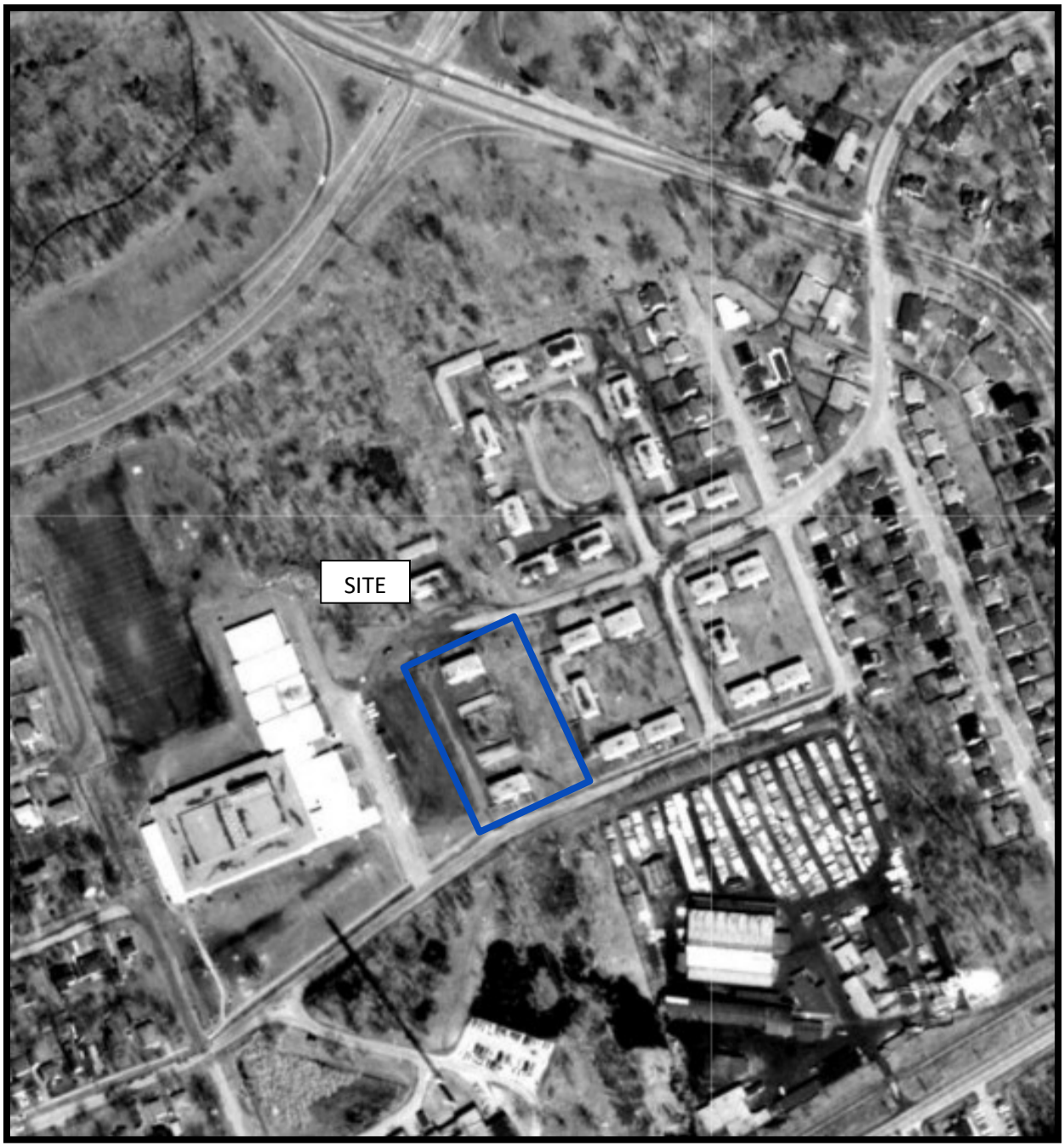
AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

SURVEY PLAN

AERIAL PHOTOGRAPH
1928

PATERSON GROUP

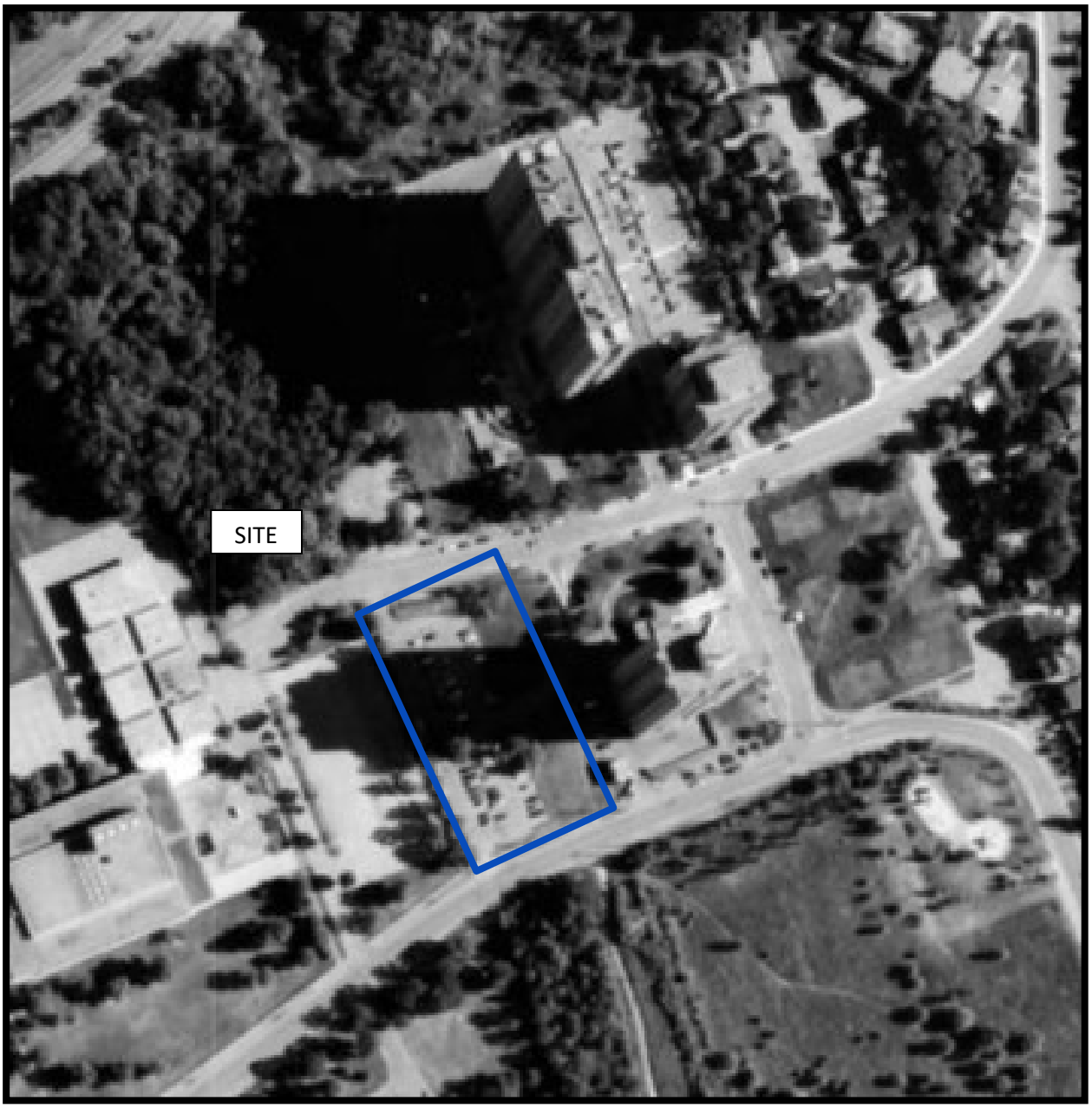


AERIAL PHOTOGRAPH
1965

PATERSON GROUP

AERIAL PHOTOGRAPH
1976

PATERSON GROUP



AERIAL PHOTOGRAPH
1991

PATERSON GROUP

AERIAL PHOTOGRAPH
2011

PATERSON GROUP

AERIAL PHOTOGRAPH
2017

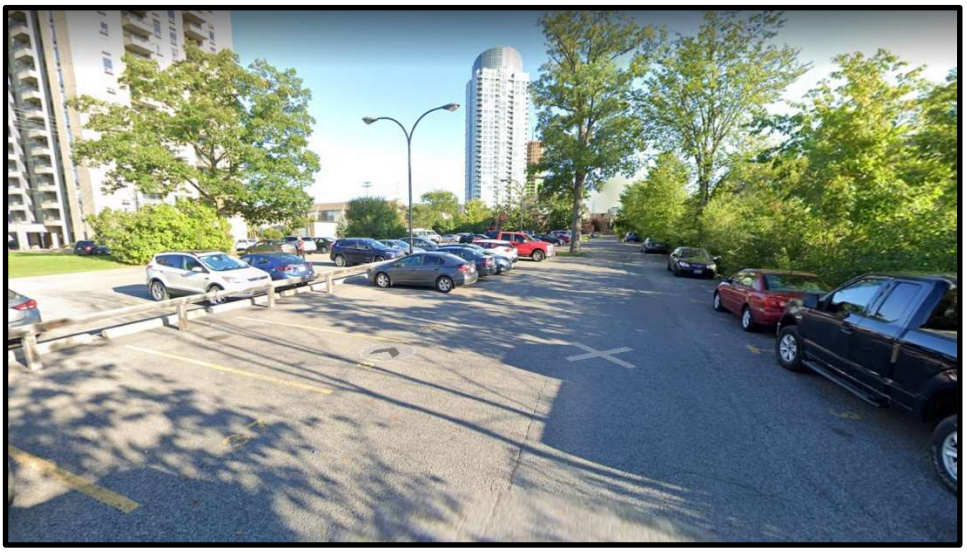
PATERSON GROUP

AERIAL PHOTOGRAPH
2019

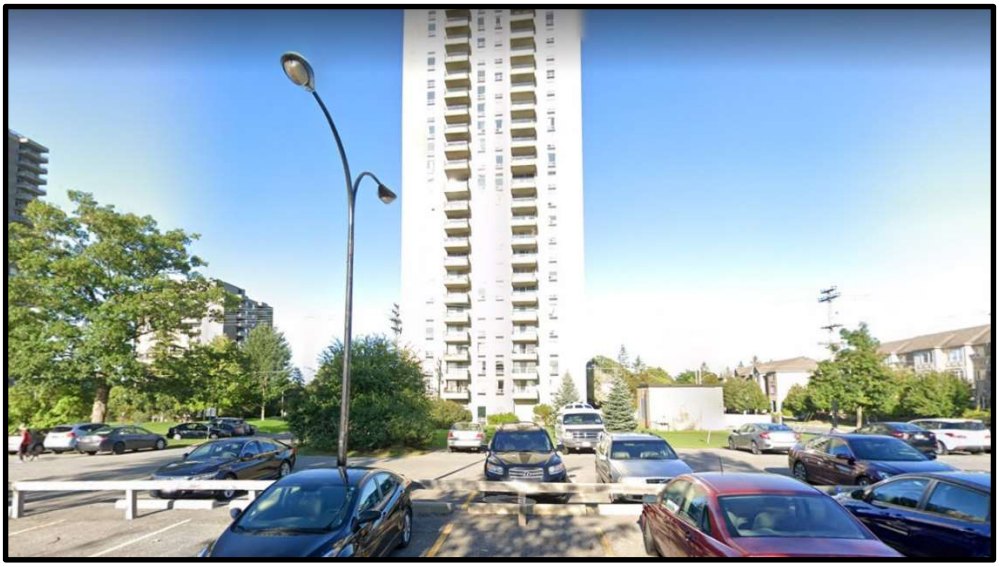
PATERSON GROUP

Site Photographs

PE5751 | 210 Clearview Avenue – Ottawa, ON | July 8, 2022



Photograph 1: View of the Phase I Property looking south.



Photograph 2: View of the Phase I Property looking east.

363358, 5029146

TOPOGRAPHIC PLAN OF SURVEY OF

BLOCKS A & D REGISTERED PLAN 302828 AND PART OF LOT 32 CONCESSION A (OTTAWA FRONT) GEOGRAPHIC TOWNSHIP OF NEPEAN CITY OF OTTAWA

FARLEY, SMITH & DENIS SURVEYING LTD. 2022

Scale 1: 250

0 2.5 5 7.5 10 12.5 15 20 25 metres

Metric Note

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

Bearing Note

Bearings are grid, derived from the northerly limit of Lanark Avenue having a bearing of N 67° 51' 50" E and are referred to the Central Meridian of MTM Zone 9 (76°30' West Longitude) Nad-83 (Original).

For bearing comparisons, a rotation of 0°32'40" counter-clockwise was applied to bearings on P1.

Elevation Notes

1. Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 :1978. (Monument No. 197534238)
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

Utility Notes

1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. Underground utility data derived from City of Ottawa utility sheet reference: 972p&p1, 972p&p2, 2523p&p7, 2523p&p8, 3117p&p02, 5880p&p3, 14110p&p12, 14110p&p13, D-05-15, D-05-16 & D23c-3.
4. Sanitary and storm sewer grades *and inverts were derived from: Field* measurement.
5. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Notes & Legend

Denotes

■	=	Survey Monument Planted
■	=	Survey Monument Found
SIB	=	Standard Iron Bar
SSIB	=	Short Standard Iron Bar
IB	=	Iron Bar
CC	=	Cut Cross
(Wit)	=	Witness
Meas	=	Measured
(P1)	=	Registered Plan 302828
(P2)	=	Plan by (1692) dated January 15, 2020 (File No. 667-19)
MH-ST	=	Maintenance Hole (Storm)
MH-S	=	Maintenance Hole (Sanitary)
VC	=	Valve Chamber (Watermain)
ST	=	Underground Storm Sewer
S	=	Underground Sanitary Sewer
W	=	Underground Water
P	=	Underground Power
G	=	Underground Gas
B	=	Underground Bell
TV	=	Underground Cable
OHW	=	Overhead Wires
○ UP	=	Utility Pole
○ AN	=	Anchor
○ LS	=	Light Standard
□ CB	=	Catch Basin
○ FH	=	Fire Hydrant
WV	=	Water Valve
○ B	=	Bollard
Ø	=	Diameter
CH	=	Cedar Hedge
CLF	=	Chain Link Fence
RF	=	Rail Fence
BF	=	Board Fence
GR	=	Guard Rail
PVC	=	Plastic \ Vinyl Fence
CRW	=	Concrete Retaining Wall
SRW	=	Stone Retaining Wall
IRW	=	Interlock Retaining Wall
WRW	=	Wood Retaining Wall
Inv.	=	Invert
T/G	=	Top of Grate
U/Eave	=	Underside of Eave
TpFdn	=	Top of Foundation
C/L	=	Centreline
+ 65.00	=	Location of Elevations
+ 65.00	=	Top of Concrete Curb/Retaining Wall Elevation
	=	Property Line
	=	Deciduous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.
	=	Coniferous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.

TOPOGRAPHIC DATA WAS COLLECTED UNDER WINTER CONDITIONS. SNOW COVER AND ICE PRECLUDE DETERMINING LOCATION AND ELEVATION OF SOME TOPOGRAPHICAL DATA THAT IS OTHERWISE VISIBLE.

FILE No.: 669-21

Surveyor's Certificate

I certify that :

1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Regulations made under them.
2. The survey was completed on the 8th day of February, 2022.

Feb 8/22
Date

Jamie Leslie
Ontario Land Surveyor

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V-22689

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

FARLEY, SMITH & DENIS SURVEYING LTD.

ONTARIO LAND SURVEYORS
CANADA LAND SURVEYORS

Unit 275, 30 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J6
TEL. (613) 727-8226 E-mail: fsdsurveys@bellnet.ca

J:\2021\669-21_200 Clearview Av_topo\Final\669-21_200 Clearview Ave_BlkA&D RP302828_T_F.dwg

APPENDIX 2

MECP WELL RECORDS

TSSA RESPONSE

ERIS REPORT

Ontario — Ministry of the Environment and Climate Change

Well Tag No. *(Place Sticker and/or Print Below)*: A190915

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Measurements recorded in: [X] Metric [ ] Imperial

Well Owner's Information

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

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave. west	Ottawa	Ontario	K1P1J1	613 580 2400

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
160 Lanark Ave.	Ottawa		

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD	83	18441300	5027544		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
	Installed 6/9/2016	MW-16-04			

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
5.79	0	Grouted 3/8 inch Bentonite	Hole Plug

Method of Construction

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

Well Use

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

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

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

Water Details

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

Hole Diameter

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

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558

Business Address (Street Number/Name)	Municipality
Box 490	Stittsville

Province	Postal Code	Business E-mail Address
Ontario	K2S1A6	office@capitalwater.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)
6138361766	Miller, Stephen

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
0097		2017/05/05

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

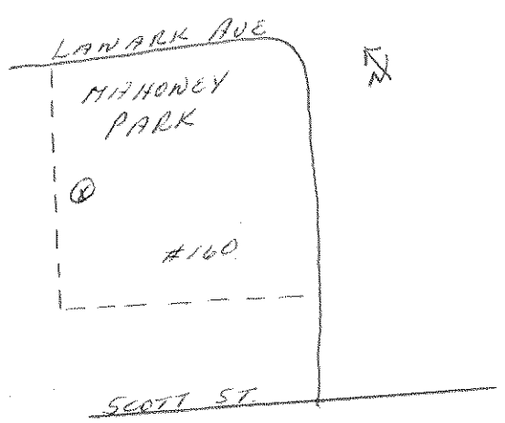
Well production *(l/min / GPM)*

Disinfected?
[X] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No		2017/05/04

Ministry Use Only

Audit No. Z256707

JUL 24 2017 Received

0506E (2014/11)

Ministry's Copy

Ontario

Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. *(Place Sticker and/or Print Below)*: A190916

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

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

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave. west	Ottawa	Ontario	K1P1J1	613 580 2400

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
160 Lanark Ave.	Ottawa		

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD	18	441294	5027544		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
	Installed 6/9/2016	MW-16-05			

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed *(m³/ft³)*
5.79	0	Grouted 3/8 inch Bentonite	Hole Plug

Method of Construction

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

Well Use

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

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

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

Water Details

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

Hole Diameter

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

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

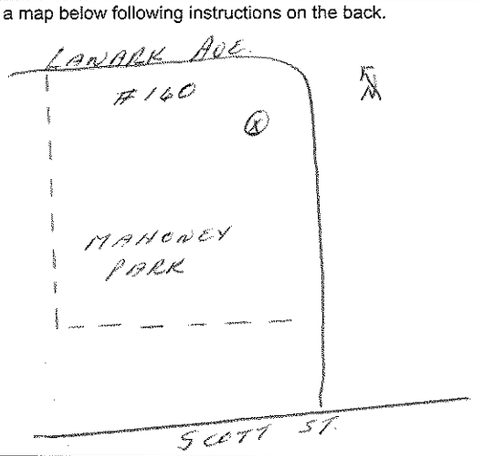
Well production *(l/min / GPM)*

Disinfected? [X] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
Box 490	Stittsville	Ontario	K2S1A6	office@capitalwater.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
6138361766	Miller, Stephen	0097		2017/05/05

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No		2017/05/04

Ministry Use Only

Audit No. Z256708

JUL 24 2017

Received

0506E (2014/11)

Ministry's Copy

Ontario — Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. *(Place Sticker and/or Print Below)*: A190913

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

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

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave. west	Ottawa	Ontario	K1P1J1	613 580 2400

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
160 Lanark Ave.	Ottawa		

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD	18	441302	5027549		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
	Installed 6/9/2016	MW-16-01			

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used *(Material and Type)*	Volume Placed (m^3/ft^3)
5.79	0	Grouted 3/8 inch Bentonite	Hole Plug

Method of Construction

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

Well Use

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

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

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

Water Details

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

Hole Diameter

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

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

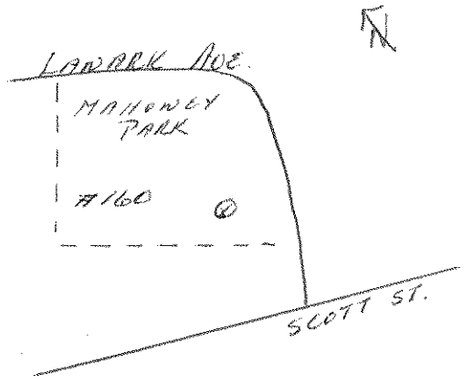
Well production *(l/min / GPM)*

Disinfected? [X] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
Box 490	Stittsville	Ontario	K2S1A6	office@capitalwater.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
6138361766	Miller, Stephen	0097		2017/05/05

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

Date Package Delivered: YYYY MM DD

Date Work Completed: 2017/05/04

Ministry Use Only

Audit No. Z256705

Received JUL 24 2017

Ontario

Ministry of the Environment and Climate Change

Measurements recorded in: [X] Metric [ ] Imperial

Well Tag No. *(Place Sticker and/or Print Below)*: A155785

Well Record

Regulation 903 Ontario Water Resources Act

Page _____ of _____

Well Owner's Information

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

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. *(inc. area code)*
110 Laurier Ave. west	Ottawa	Ontario	K1P1J1	613 580 2400

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
160 Lanark Ave.	Ottawa		

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

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	441276	5027574		

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
	Installed 6/10/2016	MW-16-06			

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used *(Material and Type)*	Volume Placed (m^3/ft^3)
7.92	0	Grouted 3/8 inch Bentonite Hole Plug	

Method of Construction

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

Well Use

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

Construction Record - Casing

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

Construction Record - Screen

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

Status of Well

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

Water Details

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

Hole Diameter

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

Results of Well Yield Testing

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

If pumping discontinued, give reason:

Pump intake set at *(m/ft)*

Pumping rate *(l/min / GPM)*

Duration of pumping _____ hrs + _____ min

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

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

Recommended pump depth *(m/ft)*

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

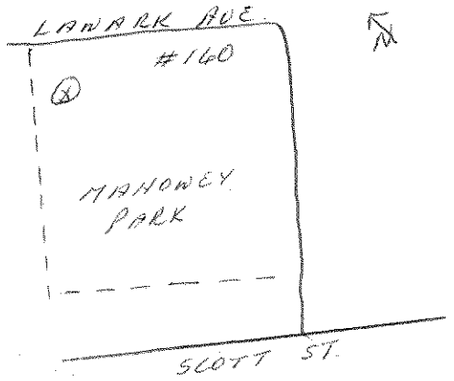
Well production *(l/min / GPM)*

Disinfected?
[X] Yes [ ] No

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

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
Box 490	Stittsville	Ontario	K2S1A6	office@capitalwater.ca

Bus. Telephone No. *(inc. area code)*	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
6138361766	Miller, Stephen	0097		2017/05/05

Well owner's information package delivered	Date Package Delivered	Date Work Completed
[ ] Yes [X] No		2017/05/05

Ministry Use Only

Audit No. Z256709

JUL 24 2017

Received

Ministry's Copy

Samuel Berube

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May 18, 2022 1:16 PM
To: Samuel Berube
Subject: RE: PE5751 - TSSA Request

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
   When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
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,
Sherees

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

From: Samuel Berube <SBerube@patersongroup.ca>
Sent: May 18, 2022 11:21 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE5751 - TSSA Request

Good morning,

Can you please complete a search of your records for the following properties in Ottawa, Ontario?

185,190, 195, 200, 210 **– Clearview Avenue**

9126 **– Ellendale Crescent**

190 – **Island Creek Private**

183, 281 – **Lanark Avenue**

Thank you,

Samuel Berube, EIT

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel:613-226-7381
Cell: 613-240-4583

DATABASE REPORT

Project Property:	*PE5751 - Phase I - ESA* *210 Clearview Avenue* *Ottawa ON K1Z 8M2*
Project No:	*54702*
Report Type:	*Standard Report*
Order No:	*22051800306*
Requested by:	*Paterson Group Inc.*
Date Completed:	*May 24, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property: *PE5751 - Phase I - ESA*
210 Clearview Avenue Ottawa ON K1Z 8M2

Project No: *54702*

Coordinates:

Latitude:	*45.3993114*
Longitude:	*-75.7522961*
UTM Northing:	*5,027,585.63*
UTM Easting:	*441,120.87*
UTM Zone:	*18T*

Elevation: *197 FT*
59.89 M

Order Information:

Order No: *22051800306*
Date Requested: *May 18, 2022*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	3	3
CA	Certificates of Approval	Y	0	5	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	4	4
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	39	39
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	1	1
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	6	6
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	10	10
	Total:		0	76	76

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	25
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	25
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON	ENE/31.0	-0.01	25
1	SPL		200 Clearview Ave Ottawa ON	ENE/31.0	-0.01	25
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	26
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	26
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	27
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	27
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	27
1	GEN	I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE/31.0	-0.01	28
2	CA	UNIFORM DEVELOPMENT CORPORATION	205-215 CLEARVIEW AVENUE, SWM OTTAWA CITY ON	NNW/76.2	-0.96	28
3	BORE		ON	WSW/82.5	0.03	28

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	WWIS		205 LANARK AVE. OTTAWA ON ***Well ID:*** 7240886	S/106.1	0.99	30
5	HINC		186 LANARK AVENUE OTTAWA ON K1Z 6R5	ESE/114.1	-0.19	33
6	CA	UNIFORM DEVELOPMENT CORPORATION	CLEARVIEW AVE/ELLENDALE AVE. OTTAWA CITY ON	NE/124.1	-1.04	33
7	GEN	I.P.T. INVESTMENTS INC.	195 CLEARVIEW AVE. OTTAWA ON K1Z 6S1	NNE/136.7	-1.31	34
7	SPL		195 Clearview Dr. Ottawa ON	NNE/136.7	-1.31	34
8	EHS		185, 195, 200 Clearview Avenue Ottawa ON K1Z 6R9	NE/149.9	-1.34	34
9	WWIS		160 LANARK AVENUE OTTAWA ON ***Well ID:*** 7290749	E/155.6	-0.10	35
10	BORE		ON	NE/175.2	-1.34	37
11	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7290747	E/178.1	-0.09	38
12	BORE		ON	WSW/180.6	-0.03	40
13	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265951	E/180.8	-0.09	42
14	CA	OTTAWA CITY - ELLENDALE CRES./DANIEL AVE	LANARK AVE./CLEARVIEW AVE. OTTAWA CITY ON	WSW/183.5	-0.03	44
14	GEN	OTTAWA BOARD OF EDUCATION	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW/183.5	-0.03	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW/183.5	-0.03	45
14	GEN	OTTAWA (SEE&USE ON1285702) 29-129	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW/183.5	-0.03	45
14	GEN	OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	46
14	GEN	CONSEIL SCOLAIRE DE LANGUE FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	46
14	GEN	C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497	ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	46
14	GEN	CONSEIL (OUT OF BUSINESS) E FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	47
14	GEN	Province of Ontario	281 Lanark Ave. Ottawa ON K1Z 6R8	WSW/183.5	-0.03	47
14	EHS		281 Lanark Avenue Ottawa ON K1Z 6R8	WSW/183.5	-0.03	47
14	GEN	JULES L+GER CENTRE	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	48
14	SPL	CBRE <UNOFFICIAL>	281 Lanark Avenue Ottawa ON K1Z 6R8	WSW/183.5	-0.03	48
14	GEN	CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	48
14	GEN	CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	EHS		281 Lanark Ave Ottawa ON K1Z6R8	WSW/183.5	-0.03	49
14	SPL		281 Lanark Ave Ottawa ON	WSW/183.5	-0.03	49
14	EASR	Ontario Infrastructure and Lands Corporation/Societe Ontarienne Des	Infrastructures et de L'Immobilier 281 LANARK AVE OTTAWA ON K1Z 6R8	WSW/183.5	-0.03	50
15	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7290746	E/183.9	-0.09	50
16	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7290748	E/184.8	-0.08	52
17	WWIS		60 LANARK AVENUE Ottawa ON ***Well ID:*** 7265950	ESE/185.0	-0.07	54
18	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265948	E/185.4	-0.08	57
19	CA	Minto (Island Park) Limited	38 Metropole Private Ottawa ON	ESE/194.8	0.94	61
19	ECA	Minto (Island Park) Limited	38 Metropole Pvt Ottawa ON K1R 7Y2	ESE/194.8	0.94	61
20	CA	OTTAWA CITY	LATCHFORD RD./CLEARVIEW AVE. OTTAWA CITY ON	ENE/196.2	-1.57	61
21	SCT	Hash Machinery Systems	35 Briarway Pvt Ottawa ON K1Z 1C3	SSE/196.3	1.92	62
22	GEN	CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW/204.7	2.05	62
22	GEN	CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW/204.7	2.05	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	GEN	CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE. OTTAWA ON K1Z 6R5	SSW/204.7	2.05	63
22	GEN	CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW/204.7	2.05	63
22	GEN	CANADIAN BROADCASTING CORPORATION	250 LANARK AVENUE OTTAWA ON K1Y 1E4	SSW/204.7	2.05	63
22	GEN	ProFac -CBC Ottawa	250 Lanark Avenue Ottawa ON K1Y 1E4	SSW/204.7	2.05	64
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW/204.7	2.05	65
22	GEN	SNC Lavalin Profac	Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	SSW/204.7	2.05	66
22	SPL		Graham Spry Building, 250 Lanark Ave. <UNOFFICIAL> Ottawa ON K1Z 1G4	SSW/204.7	2.05	66
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW/204.7	2.05	66
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW/204.7	2.05	67
22	SPL	SNC-Lavalin Constructors (Pacific) Inc.	250 Lanark Avenue Ottawa ON	SSW/204.7	2.05	68
22	GEN	SNC LAVALIN O & M	250 LANARK AVENUE OTTAWA ON	SSW/204.7	2.05	69
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW/204.7	2.05	69
22	NPRI	CANADIAN BROADCASTING CORPORATION	250 Lanark Ave. Ottawa ON K1Z6R5	SSW/204.7	2.05	70

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON	SSW/204.7	2.05	71
22	EHS		250 Lanark Ave Ottawa ON K1Z1G4	SSW/204.7	2.05	72
22	GEN	Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW/204.7	2.05	72
22	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW/204.7	2.05	73
22	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW/204.7	2.05	73
22	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW/204.7	2.05	74
22	GEN	BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW/204.7	2.05	74
23	WWIS		160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265949	E/208.1	-0.01	75
24	PINC	ENBRIDGE GAS INC	157 LANARK AVE,,OTTAWA,ON,K1Z 8P6, CA ON	E/227.4	-0.97	78
25	ECA	Uniform Urban Developments Ltd.	Selby Avenue and Ferndale Avenue Ottawa ON K2G 5X3	W/227.6	-1.06	78
26	WWIS		ON ***Well ID:*** 7365000	NE/238.1	-2.06	79
27	ECA	First Viewmount Shopping Centres Limited	Ottawa ON K2B 1A5	W/239.0	-1.07	79
28	PINC	ENBRIDGE GAS INC	234 REMIC AVE,,OTTAWA,ON,K1Z 5W5, CA ON	ENE/242.9	-0.98	80

Executive Summary: Summary By Data Source

BORE - Borehole

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	82.54	3

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	NE	175.23	10
	ON	WSW	180.64	12

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Minto (Island Park) Limited	38 Metropole Private Ottawa ON	ESE	194.80	19

Lower Elevation	Address	Direction	Distance (m)	Map Key
UNIFORM DEVELOPMENT CORPORATION	205-215 CLEARVIEW AVENUE, SWM OTTAWA CITY ON	NNW	76.22	2
UNIFORM DEVELOPMENT CORPORATION	CLEARVIEW AVE/ELLENDALE AVE. OTTAWA CITY ON	NE	124.11	6

OTTAWA CITY - ELLENDALE CRES./DANIEL AVE	LANARK AVE./CLEARVIEW AVE. OTTAWA CITY ON	WSW	183.50	14
OTTAWA CITY	LATCHFORD RD./CLEARVIEW AVE. OTTAWA CITY ON	ENE	196.16	20

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Mar 31, 2022 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Ontario Infrastructure and Lands Corporation/Societe Ontarienne Des	Infrastructures et de L'Immobilier 281 LANARK AVE OTTAWA ON K1Z 6R8	WSW	183.50	14

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Mar 31, 2022 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Minto (Island Park) Limited	38 Metropole Pvt Ottawa ON K1R 7Y2	ESE	194.80	19

Lower Elevation	Address	Direction	Distance (m)	Map Key
Uniform Urban Developments Ltd.	Selby Avenue and Ferndale Avenue Ottawa ON K2G 5X3	W	227.59	25
First Viewmount Shopping Centres Limited	Ottawa ON K2B 1A5	W	239.04	27

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	250 Lanark Ave Ottawa ON K1Z1G4	SSW	204.66	22

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
	185, 195, 200 Clearview Avenue Ottawa ON K1Z 6R9	NE	149.94	8
	281 Lanark Avenue Ottawa ON K1Z 6R8	WSW	183.50	14
	281 Lanark Ave Ottawa ON K1Z6R8	WSW	183.50	14

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 39 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW	204.66	22
CANADIAN BROADCASTING CORP.	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW	204.66	22
CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE. OTTAWA ON K1Z 6R5	SSW	204.66	22
CANADIAN BROADCASTING CORP. 08-276	250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	SSW	204.66	22
CANADIAN BROADCASTING CORPORATION	250 LANARK AVENUE OTTAWA ON K1Y 1E4	SSW	204.66	22
ProFac -CBC Ottawa	250 Lanark Avenue Ottawa ON K1Y 1E4	SSW	204.66	22

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW	204.66	22
SNC Lavalin Profac	Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	SSW	204.66	22
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW	204.66	22
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW	204.66	22
SNC LAVALIN O & M	250 LANARK AVENUE OTTAWA ON	SSW	204.66	22
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON	SSW	204.66	22
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW	204.66	22
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW	204.66	22
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW	204.66	22
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW	204.66	22
BGIS	250 Lanark Avenue Ottawa ON K1Z 1G5	SSW	204.66	22
Public Works and Government Services Canada	250 Lanark Ave Ottawa ON K1Z 1G4	SSW	204.66	22

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T Investments Inc	200 Clearview Ave. Ottawa ON K1Z 8M2	ENE	30.96	1
I.P.T. INVESTMENTS INC.	195 CLEARVIEW AVE. OTTAWA ON K1Z 6S1	NNE	136.73	7
OTTAWA BOARD OF EDUCATION	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW	183.50	14

OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW	183.50	14
OTTAWA (SEE&USE ON1285702) 29-129	ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	WSW	183.50	14
OTTAWA (SEE&USE ON1285702)	ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW	183.50	14
CONSEIL SCOLAIRE DE LANGUE FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW	183.50	14
C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497	ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	WSW	183.50	14
CONSEIL (OUT OF BUSINESS)E FRANCAISE	ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	WSW	183.50	14
Province of Ontario	281 Lanark Ave. Ottawa ON K1Z 6R8	WSW	183.50	14
JULES L+GER CENTRE	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW	183.50	14
CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW	183.50	14
CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.	281 LANARK AVENUE OTTAWA ON K1Z 6R8	WSW	183.50	14

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	186 LANARK AVENUE OTTAWA ON K1Z 6R5	ESE	114.07	5

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
CANADIAN BROADCASTING CORPORATION	250 Lanark Ave. Ottawa ON K1Z6R5	SSW	204.66	22

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
ENBRIDGE GAS INC	157 LANARK AVE,,OTTAWA,ON,K1Z 8P6,CA ON	E	227.40	24
ENBRIDGE GAS INC	234 REMIC AVE,,OTTAWA,ON,K1Z 5W5,CA ON	ENE	242.90	28

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Hash Machinery Systems	35 Briarway Pvt Ottawa ON K1Z 1C3	SSE	196.35	21

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Graham Spry Building, 250 Lanark Ave.<UNOFFICIAL> Ottawa ON K1Z 1G4	SSW	204.66	22
SNC-Lavalin Constructors (Pacific) Inc.	250 Lanark Avenue Ottawa ON	SSW	204.66	22

Lower Elevation	Address	Direction	Distance (m)	Map Key
	200 Clearview Ave Ottawa ON	ENE	30.96	1
	195 Clearview Dr. Ottawa ON	NNE	136.73	7
	281 Lanark Ave Ottawa ON	WSW	183.50	14
CBRE <UNOFFICIAL>	281 Lanark Avenue Ottawa ON K1Z 6R8	WSW	183.50	14

WWIS - Water Well Information System

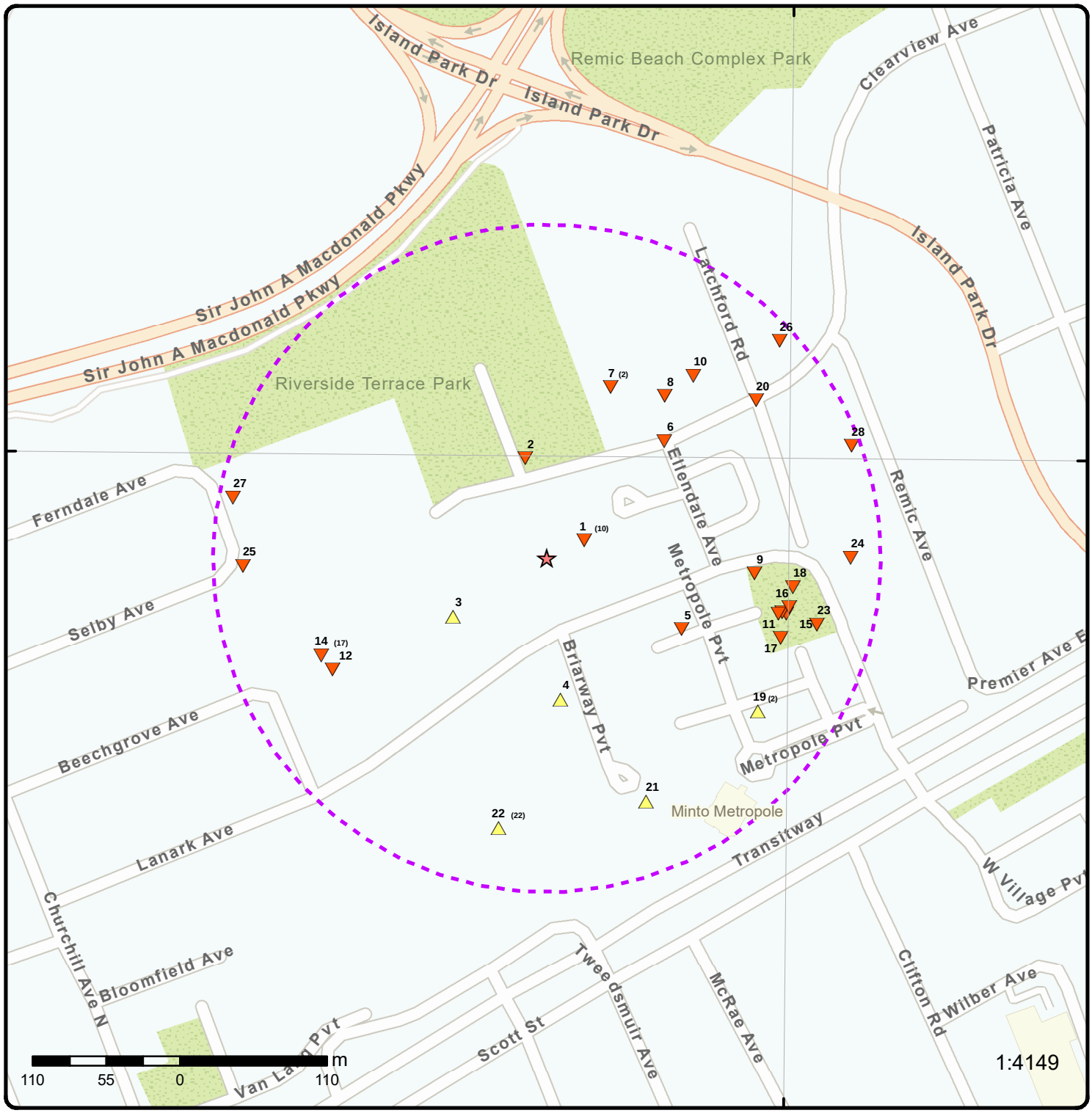
A search of the WWIS database, dated Sep 30, 2021 has found that there are 10 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	205 LANARK AVE. OTTAWA ON ***Well ID:*** 7240886	S	106.11	4

Lower Elevation	Address	Direction	Distance (m)	Map Key
	160 LANARK AVENUE OTTAWA ON ***Well ID:*** 7290749	E	155.57	9
	160 LANARK AVENUE Ottawa ON	E	178.07	11

Well ID: 7290747

160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265951	E	180.76	**13**
160 LANARK AVENUE Ottawa ON ***Well ID:*** 7290746	E	183.91	**15**
160 LANARK AVENUE Ottawa ON ***Well ID:*** 7290748	E	184.80	**16**
60 LANARK AVENUE Ottawa ON ***Well ID:*** 7265950	ESE	185.01	**17**
160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265948	E	185.40	**18**
160 LANARK AVENUE Ottawa ON ***Well ID:*** 7265949	E	208.14	**23**
ON ***Well ID:*** 7365000	NE	238.09	**26**



Map: 0.25 Kilometer Radius

Order Number: 22051800306

Address: 210 Clearview Avenue, Ottawa, ON

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

75°45'W

45°24'N

45°24'N

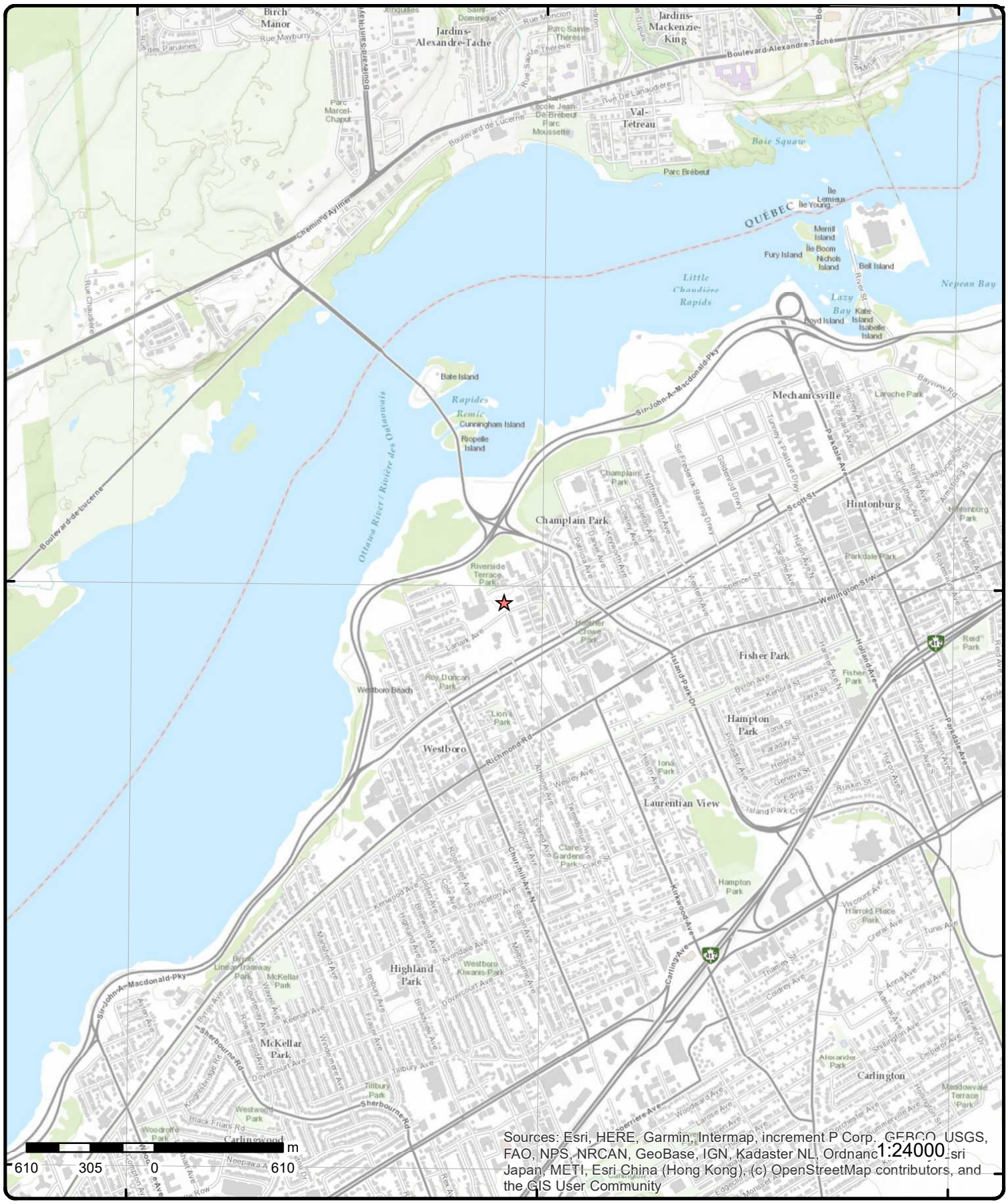
Aerial

Year: 2021

Order Number: 22051800306

Address: 210 Clearview Avenue, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Address: 210 Clearview Avenue, ON

Source: ESRI World Topographic Map

Order Number: 22051800306

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 10	ENE/31.0	59.9 / -0.01	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN

Generator No: ON7720144
SIC Code: 532310
SIC Description:
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 10	ENE/31.0	59.9 / -0.01	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN

Generator No: ON7720144
SIC Code: 532310
SIC Description: General Rental Centres
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 10	ENE/31.0	59.9 / -0.01	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON	GEN

Generator No: ON7720144
SIC Code: 532310
SIC Description: GENERAL RENTAL CENTRES
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 10	ENE/31.0	59.9 / -0.01	200 Clearview Ave Ottawa ON	SPL

Ref No: 4613-AG5STY
Site No: NA
Incident Dt: 2016/11/28
Year:
Incident Cause:
Incident Event: Leak/Break
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown / N/A
Agency Involved:

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

Contaminant Code:	38	**Nearest Watercourse:**	
Contaminant Name:	REFRIGERANT GAS, N.O.S.	**Site Address:**	200 Clearview Ave
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/11/28	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Air Spills - Gases and Vapours
Incident Reason:	Material Failure - Poor Design/Substandard Material	**Source Type:**	
Site Name:	Residential apartment building<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ITP Investments 192.8 kg R134 to atm		
Contaminant Qty:	192.8 kg		

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1 | ***5 of 10*** | ***ENE/31.0*** | ***59.9 / -0.01*** | ***I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2*** | ***GEN***

Generator No:	ON7720144	**Status:**	
SIC Code:	532310	**Co Admin:**	Alana Bidgood
SIC Description:	GENERAL RENTAL CENTRES	**Choice of Contact:**	CO_OFFICIAL
Approval Years:	2016	**Phone No Admin:**	6137294347 Ext.
PO Box No:		**Contam. Facility:**	No
Country:	Canada	**MHSW Facility:**	No

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

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1 | ***6 of 10*** | ***ENE/31.0*** | ***59.9 / -0.01*** | ***I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2*** | ***GEN***

Generator No:	ON7720144	**Status:**	
SIC Code:	532310	**Co Admin:**	Alana Bidgood
SIC Description:	GENERAL RENTAL CENTRES	**Choice of Contact:**	CO_OFFICIAL
Approval Years:	2015	**Phone No Admin:**	6137294347 Ext.
PO Box No:		**Contam. Facility:**	No
Country:	Canada	**MHSW Facility:**	No

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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1 **7 of 10** **ENE/31.0** **59.9 / -0.01** **I.P.T Investments Inc**
200 Clearview Ave.
Ottawa ON K1Z 8M2
GEN

Generator No: ON7720144
SIC Code: 532310
SIC Description: GENERAL RENTAL CENTRES
Approval Years: 2014
PO Box No:
Country: Canada

Status:
Co Admin: Alana Bidgood
Choice of Contact: CO_OFFICIAL
Phone No Admin: 6137294347 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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1 **8 of 10** **ENE/31.0** **59.9 / -0.01** **I.P.T Investments Inc**
200 Clearview Ave.
Ottawa ON K1Z 8M2
GEN

Generator No: ON7720144
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 221 L
Waste Class Desc: Light fuels

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

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

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1 **9 of 10** **ENE/31.0** **59.9 / -0.01** **I.P.T Investments Inc**
200 Clearview Ave.
Ottawa ON K1Z 8M2
GEN

Generator No: ON7720144
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

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

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

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

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

Waste Class: 221 I
Waste Class Desc: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 10	ENE/31.0	59.9 / -0.01	I.P.T Investments Inc 200 Clearview Ave. Ottawa ON K1Z 8M2	GEN

Generator No: ON7720144
SIC Code:
SIC Description:
Approval Years: As of Apr 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 221 I
Waste Class Desc: Light fuels

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

Waste Class: 221 L
Waste Class Desc: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NNW/76.2	58.9 / -0.96	UNIFORM DEVELOPMENT CORPORATION 205-215 CLEARVIEW AVENUE, SWM OTTAWA CITY ON	CA

Certificate #: 3-1515-97-
Application Year: 97
Issue Date: 10/31/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	WSW/82.5	59.9 / 0.03		BORE

Borehole ID:	613078	**Inclin FLG:**	No
OGF ID:	215514382	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1962	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.398915
Total Depth m:	3.1	**Longitude DD:**	-75.753188
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	441051
Drill Method:		**Northing:**	5027542
Orig Ground Elev m:	60.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	60.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218393588	**Mat Consistency:**	
Top Depth:	.2	**Material Moisture:**	
Bottom Depth:	.5	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Stones	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT. BROKEN.		

Geology Stratum ID:	218393590	**Mat Consistency:**	
Top Depth:	1.7	**Material Moisture:**	
Bottom Depth:	3.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. ROCK. 00000 018 00029 015 00065 014 25 015 00040 018 00100 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218393587	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED.		

Geology Stratum ID:	218393589	**Mat Consistency:**	
Top Depth:	.5	**Material Moisture:**	
Bottom Depth:	1.7	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	

Material 2: **Geologic Group:**
Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: BEDROCK. WEATHERED.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055860 NTS_Sheet: 31G05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.
Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

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

4	1 of 1	S/106.1	60.9 / 0.99	205 LANARK AVE. OTTAWA ON	WWIS

Well ID: 7240886
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z198253
Tag: A173740
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src:
Date Received: 5/5/2015
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 205 LANARK AVE.
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: 2015/04/17
Year Completed: 2015
Depth (m): 12.19
Latitude: 45.3983615642599
Longitude: -75.7521540155912
Path:

Bore Hole Information

Bore Hole ID:	1005337688	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	441131.00
Code OB Desc:		**North83:**	5027480.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Apr-2015 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:	1005603425
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.3200000524520874
Formation End Depth:	12.1899995803833
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005603424
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	1.3200000524520874
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005603435
Layer:	2
Plug From:	0.3100000023841858
Plug To:	8.84000015258789
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1005603434
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005603436
Layer: 3
Plug From: 8.84000015258789
Plug To: 12.1899995803833
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005603433
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1005603423
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005603429
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 9.140000343322754
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005603430
Layer: 1
Slot: 10
Screen Top Depth: 9.140000343322754
Screen End Depth: 12.1899995803833
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.820000171661377

Water Details

Water ID: 1005603428
Layer:
Kind Code:
Kind:

Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005603426
Diameter: 11.430000305175781
Depth From: 0.0
Depth To: 1.8300000429153442
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1005603427
Diameter: 7.619999885559082
Depth From: 1.8300000429153442
Depth To: 12.1899995803833
Hole Depth UOM: m
Hole Diameter UOM: cm

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5 | ***1 of 1*** | ***ESE/114.1*** | ***59.7 / -0.19*** | ***186 LANARK AVENUE OTTAWA ON K1Z 6R5*** | ***HINC***

External File Num: FS INC 0807-03882
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 7/16/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: No
Property Damage: Yes
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:Yes Human Factors:Yes
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

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6 | ***1 of 1*** | ***NE/124.1*** | ***58.9 / -1.04*** | ***UNIFORM DEVELOPMENT CORPORATION CLEARVIEW AVE/ELLENDALE AVE. OTTAWA CITY ON*** | ***CA***

Certificate #: 3-1648-97-
Application Year: 97
Issue Date: 11/19/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

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

---

7 **1 of 2** **NNE/136.7** **58.6 / -1.31** **I.P.T. INVESTMENTS INC.**
195 CLEARVIEW AVE.
OTTAWA ON K1Z 6S1 **GEN**

Generator No:	ON9099969	**Status:**	
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	02,03,04	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

---

7 **2 of 2** **NNE/136.7** **58.6 / -1.31** **195 Clearview Dr.**
Ottawa ON **SPL**

Ref No:	5158-B9JSLW	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	12/19/2018	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	38	**Nearest Watercourse:**	
Contaminant Name:	REFRIGERANT GAS, N.O.S.	**Site Address:**	195 Clearview Dr.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1078	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2/19/2019	**Site Map Datum:**	
Dt Document Closed:	3/9/2019	**SAC Action Class:**	Air Spills - Gases and Vapours
Incident Reason:	Material Failure - Poor Design/Substandard Material	**Source Type:**	Valve/Fitting/Piping
Site Name:	residential chiller<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UPT Investments Inc: 192 lbs R123 to atmosphere/repaired		
Contaminant Qty:	87 kg		

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8 **1 of 1** **NE/149.9** **58.6 / -1.34** **185, 195, 200 Clearview Avenue**
Ottawa ON K1Z 6R9 **EHS**

Order No:	21042200130	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON

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

Report Date:	27-APR-21	**Search Radius (km):**	.25
Date Received:	22-APR-21	**X:**	-75.7511856
Previous Site Name:		**Y:**	45.4004111
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Topographic Maps		

9 **1 of 1** **E/155.6** **59.8 / -0.10** **160 LANARK AVENUE OTTAWA ON** **WWIS**

Well ID:	7290749	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/24/2017
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z256709	**Owner:**	
Tag:	A155785	**Street Name:**	160 LANARK AVENUE
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/729\7290749.pdf

Additional Detail(s) (Map)

Well Completed Date:	2017/05/05
Year Completed:	2017
Depth (m):	
Latitude:	45.3992197975009
Longitude:	-75.7503127460222
Path:	729\7290749.pdf

Bore Hole Information

Bore Hole ID:	1006640184	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	441276.00
Code OB Desc:		**North83:**	5027574.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-May-2017 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:			

Annular Space/Abandonment Sealing Record

Plug ID: 1006730643
Layer: 1
Plug From: 7.920000076293945
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006730642
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006730636
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006730640
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006730641
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006730639
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006730638
Diameter:
Depth From:
Depth To:

Hole Depth UOM: m
Hole Diameter UOM: cm

---

10 **1 of 1** **NE/175.2** **58.6 / -1.34** **ON** **BORE**

Borehole ID: 613094
OGF ID: 215514398
Status:
Type: Borehole
Use:
Completion Date: 1966
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 6.7
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 58.2
Elev Reliabil Note:
DEM Ground Elev m: 58.1
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.40055
Longitude DD: -75.75091
UTM Zone: 18
Easting: 441231
Northing: 5027722
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218393683
Top Depth: 2.3
Bottom Depth: 3.7
Material Color:
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK.

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

Geology Stratum ID: 218393684
Top Depth: 3.7
Bottom Depth: 5.3
Material Color:
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK.

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

Geology Stratum ID: 218393681
Top Depth: 0
Bottom Depth: .7
Material Color:
Material 1:
Material 2: Sand
Material 3: Gravel
Material 4: Soil
Gsc Material Description:
Stratum Description: ARTIFICIAL.

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

Geology Stratum ID: 218393682
Top Depth: .7

Mat Consistency:
Material Moisture:

Bottom Depth:	2.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK.		

Geology Stratum ID:	218393685	**Mat Consistency:**	Dense
Top Depth:	5.3	**Material Moisture:**	
Bottom Depth:	6.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. 00000 015 00000040005022SAND. DENSE. SAND. DENSE TO VERY DENSE. SAND. DENS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 056020 NTS_Sheet: 31G05F		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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11 | ***1 of 1*** | ***E/178.1*** | ***59.8 / -0.09*** | ***160 LANARK AVENUE Ottawa ON*** | ***WWIS***

Well ID:	7290747	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/24/2017
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z256708	**Owner:**	
Tag:	A190916	**Street Name:**	160 LANARK AVENUE
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/729\7290747.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/05/04
Year Completed: 2017
Depth (m):
Latitude: 45.3989512922736
Longitude: -75.7500792082091
Path: 729\7290747.pdf

Bore Hole Information

Bore Hole ID: 1006640104
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-May-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 441294.00
North83: 5027544.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006730627
Layer: 1
Plug From: 5.789999961853027
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006730623
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006730617
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006730621
Layer:
Material:
Open Hole or Material:

Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006730622
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006730620
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006730619
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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12 ***1 of 1*** ***WSW/180.6*** ***59.9 / -0.03*** ***ON*** ***BORE***

Borehole ID:	613071	***Inclin FLG:***	No
OGF ID:	215514375	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	OCT-1962	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.398547
Total Depth m:	3.7	***Longitude DD:***	-75.754333
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	440961
Drill Method:		***Northing:***	5027502
Orig Ground Elev m:	59.6	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	60.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID: 218393564
Top Depth: 0
Bottom Depth: .2
Material Color:
Material 1: Unknown
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: UNSPECIFIED.

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

Geology Stratum ID: 218393565
Top Depth: .2
Bottom Depth: .6
Material Color:
Material 1: Silt
Material 2: Sand
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SILT.

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

Geology Stratum ID: 218393566
Top Depth: .6
Bottom Depth: 2.3
Material Color: Red
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. FISSURED.

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

Geology Stratum ID: 218393567
Top Depth: 2.3
Bottom Depth: 3.7
Material Color:
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. BEDROCK. DENSE. BEDROCK. BEDROCK. 00000 015 00025 015 00040 018 **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 055790 NTS_Sheet: 31G05F
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

Source List

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	E/180.8	59.8 / -0.09	160 LANARK AVENUE Ottawa ON	WWIS

Well ID: 7265951
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z229798
Tag: A155785
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/4/2016
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 160 LANARK AVENUE
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/06/10
Year Completed: 2016
Depth (m): 7.62
Latitude: 45.3989605444922
Longitude: -75.7500409999745
Path:

Bore Hole Information

Bore Hole ID: 1006097544
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10-Jun-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 441297.00
North83: 5027545.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 1006128695
Layer: 2
Color: 2
General Color: GREY
Mat1: 15

Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.9100000262260437
Formation End Depth: 7.619999885559082
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006128694
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 28
Mat2 Desc: SAND
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 0.9100000262260437
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128706
Layer: 3
Plug From: 4.269999980926514
Plug To: 7.619999885559082
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128705
Layer: 2
Plug From: 0.3100000023841858
Plug To: 4.269999980926514
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128704
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006128703
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID:	1006128693
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006128699
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	4.570000171661377
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006128700
Layer:	1
Slot:	10
Screen Top Depth:	4.570000171661377
Screen End Depth:	7.619999885559082
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006128698
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006128696
Diameter:	11.430000305175781
Depth From:	0.0
Depth To:	1.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1006128697
Diameter:	7.619999885559082
Depth From:	1.5
Depth To:	7.619999885559082
Hole Depth UOM:	m
Hole Diameter UOM:	cm

14	***1 of 17***	***WSW/183.5***	***59.9 / -0.03***	***OTTAWA CITY - ELLENDALE CRES./DANIEL AVE LANARK AVE./CLEARVIEW AVE.***	***CA***

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

Certificate #: 3-0798-92-
Application Year: 92
Issue Date: 7/7/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

14	2 of 17	WSW/183.5	59.9 / -0.03	OTTAWA BOARD OF EDUCATION ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN

Generator No: ON0375221
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 86,87,88,89
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

14	3 of 17	WSW/183.5	59.9 / -0.03	OTTAWA (SEE&USE ON1285702) ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN

Generator No: ON0375221
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 90
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

14	4 of 17	WSW/183.5	59.9 / -0.03	OTTAWA (SEE&USE ON1285702) 29-129 ECOLE S. CHAMPLAIN, 281, AVENUE LANARK C/O 330 GILMOUR ST. OTTAWA ON K2P 0P9	GEN

Generator No: ON0375221
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 92,93,94,95,96,97
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	5 of 17	WSW/183.5	59.9 / -0.03	OTTAWA (SEE&USE ON1285702) ECOLE S. CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	GEN

Generator No: ON0375221
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	6 of 17	WSW/183.5	59.9 / -0.03	CONSEIL SCOLAIRE DE LANGUE FRANCAISE ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE LANARK OTTAWA ON K1Z 6R8	GEN

Generator No: ON1285702
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 92,93,97,98,99,00
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	7 of 17	WSW/183.5	59.9 / -0.03	C.S.D.L.F.D'.O.-C.1420 PLACE BLAIR29-497 ECOLE/BUREAU DES SERVICES DE TRANSPORT CHAMPLAIN, 281 AVE LANARK OTTAWA ON K1Z 6R8	GEN

Generator No: ON1285702
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 94,95,96
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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14 **8 of 17** **WSW/183.5** **59.9 / -0.03**

CONSEIL (OUT OF BUSINESS)E FRANCAISE
ECOLE SECONDAIRE CHAMPLAIN 281 AVENUE
LANARK
OTTAWA ON K1Z 6R8

GEN

Generator No: ON1285702
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 01
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

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14 **9 of 17** **WSW/183.5** **59.9 / -0.03**

Province of Ontario
281 Lanark Ave.
Ottawa ON K1Z 6R8

GEN

Generator No: ON1466775
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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14 **10 of 17** **WSW/183.5** **59.9 / -0.03**

281 Lanark Avenue
Ottawa ON K1Z 6R8

EHS

Order No: 20080610031
Status: C
Report Type: Complete Report
Report Date: 6/19/2008
Date Received: 6/10/2008
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans; Title Search

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.754029
Y: 45.398901

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

14 **11 of 17** **WSW/183.5** **59.9 / -0.03** **JULES L+GER CENTRE** **GEN**
281 LANARK AVENUE
OTTAWA ON K1Z 6R8

Generator No:	ON6547577	**Status:**	
SIC Code:	611110	**Co Admin:**	
SIC Description:	Elementary and Secondary Schools	**Choice of Contact:**	
Approval Years:	2009	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS

14 **12 of 17** **WSW/183.5** **59.9 / -0.03** **CBRE <UNOFFICIAL>** **SPL**
281 Lanark Avenue
Ottawa ON K1Z 6R8

Ref No:	8068-8QERP4	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11-JAN-12	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Other Discharges	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	HYDRAULIC OIL	**Site Address:**	281 Lanark Avenue
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:	Sewage - Municipal/Private and Commercial	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11-JAN-12	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Primary Assessment of Spills
Incident Reason:	Spill	**Source Type:**	
Site Name:	281 Lanark Avenue<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CBRE: 50L hydraulic oil to bldg, drain and sump pit		
Contaminant Qty:			

14 **13 of 17** **WSW/183.5** **59.9 / -0.03** **CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.** **GEN**
281 LANARK AVENUE
OTTAWA ON K1Z 6R8

Generator No:	ON8282465	**Status:**	
SIC Code:	611110	**Co Admin:**	
SIC Description:	Elementary and Secondary Schools	**Choice of Contact:**	
Approval Years:	2010	**Phone No Admin:**	
PO Box No:		**Contam. Facility:**	
Country:		**MHSW Facility:**	

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

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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14 | ***14 of 17*** | ***WSW/183.5*** | ***59.9 / -0.03*** | ***CB RICHARD ELLIS GLOBAL CORPORATE SERVICES LTD.***
281 LANARK AVENUE
OTTAWA ON K1Z 6R8 | ***GEN***

Generator No: ON8282465
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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14 | ***15 of 17*** | ***WSW/183.5*** | ***59.9 / -0.03*** | ***281 Lanark Ave***
Ottawa ON K1Z6R8 | ***EHS***

Order No: 20160623049
Status: C
Report Type: RSC Report - Quote
Report Date: 30-JUN-16
Date Received: 23-JUN-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.754155
Y: 45.399367

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14 | ***16 of 17*** | ***WSW/183.5*** | ***59.9 / -0.03*** | ***281 Lanark Ave***
Ottawa ON | ***SPL***

Ref No: 2653-AAVN9F
Site No: NA
Incident Dt: 2016/06/13
Year:
Incident Cause:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Unknown / N/A

Incident Event:	Unknown / N/A	**Agency Involved:**	
Contaminant Code:	n/a	**Nearest Watercourse:**	
Contaminant Name:	REFRIGERANT GAS R12	**Site Address:**	281 Lanark Ave
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/06/13	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Air Spills - Gases and Vapours
Incident Reason:	Unknown / N/A	**Source Type:**	
Site Name:	Ontario Realty Corp<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	24lbs R22 to atm from rooftop unit		
Contaminant Qty:	0 other - see incident description		

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14 | ***17 of 17*** | ***WSW/183.5*** | ***59.9 / -0.03*** | ***Ontario Infrastructure and Lands Corporation/Societe Ontarienne Des Infrastructures et de L'Immobilier 281 LANARK AVE OTTAWA ON K1Z 6R8*** | ***EASR***

Approval No:	R-002-2112994507	**MOE District:**	Ottawa
Status:	REGISTERED	**Municipality:**	OTTAWA
Date:	2021-03-08	**Latitude:**	45.39944444
Record Type:	EASR	**Longitude:**	-75.75416667
Link Source:	MOFA	**Geometry X:**	-8432915.2588
Project Type:	Standby Power System	**Geometry Y:**	5684626.579599998
Full Address:			
Approval Type:	EASR-Standby Power System		
SWP Area Name:	Rideau Valley		
PDF URL:			
PDF Site Location:			

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15 | ***1 of 1*** | ***E/183.9*** | ***59.8 / -0.09*** | ***160 LANARK AVENUE Ottawa ON*** | ***WWIS***

Well ID:	7290746	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/24/2017
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z256707	**Owner:**	
Tag:	A190915	**Street Name:**	160 LANARK AVENUE
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/729\7290746.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/05/04
Year Completed: 2017
Depth (m):
Latitude: 45.3989517956517
Longitude: -75.7500025535665
Path: 729\7290746.pdf

Bore Hole Information

Bore Hole ID: 1006640071
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-May-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 441300.00
North83: 5027544.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006730616
Layer: 1
Plug From: 5.789999961853027
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006730615
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006730609
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006730613
Layer:
Material:
Open Hole or Material:
Depth From:

Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006730614
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006730612
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006730611
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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16 | ***1 of 1*** | ***E/184.8*** | ***59.8 / -0.08*** | ***160 LANARK AVENUE Ottawa ON*** | ***WWIS***

Well ID: 7290748
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z256705
Tag: A190913
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 7/24/2017
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 1558
Form Version: 7
Owner:
Street Name: 160 LANARK AVENUE
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/729\7290748.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/05/04
Year Completed: 2017
Depth (m):
Latitude: 45.3989969660489
Longitude: -75.749977597401
Path: 729\7290748.pdf

Bore Hole Information

Bore Hole ID: 1006640119
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-May-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 441302.00
North83: 5027549.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006730635
Layer: 1
Plug From: 5.789999961853027
Plug To: 0.0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006730634
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006730628
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006730632
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	1006730633
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1006730631
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006730630
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

17 ***1 of 1*** ***ESE/185.0*** ***59.8 / -0.07*** ***60 LANARK AVENUE Ottawa ON*** ***WWIS***

Well ID:	7265950	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	7/4/2016
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z229801	***Owner:***	
Tag:	A190913	***Street Name:***	60 LANARK AVENUE
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2016/06/09
Year Completed:	2016
Depth (m):	4.88
Latitude:	45.3987894506543

Longitude: -75.7500515130776
Path:

Bore Hole Information

Bore Hole ID:	1006097541	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	441296.00
Code OB Desc:		***North83:***	5027526.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	09-Jun-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:	1006128635
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.3100000023841858
Formation End Depth:	1.2200000286102295
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006128636
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	92
Mat3 Desc:	WEATHERED
Formation Top Depth:	1.2200000286102295
Formation End Depth:	4.880000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006128634
Layer:	1
Color:	6
General Color:	BROWN

Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128645
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128647
Layer: 3
Plug From: 1.6799999475479126
Plug To: 4.880000114440918
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128646
Layer: 2
Plug From: 0.3100000023841858
Plug To: 1.6200000047683716
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006128644
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1006128633
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006128640
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.8300000429153442
Casing Diameter: 5.199999809265137

Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006128641
Layer: 1
Slot: 10
Screen Top Depth: 1.8300000429153442
Screen End Depth: 4.880000114440918
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006128639
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006128637
Diameter: 11.430000305175781
Depth From: 0.0
Depth To: 1.5199999809265137
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1006128638
Diameter: 7.619999885559082
Depth From: 1.5199999809265137
Depth To: 4.880000114440918
Hole Depth UOM: m
Hole Diameter UOM: cm

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18 | ***1 of 1*** | ***E/185.4*** | ***59.8 / -0.08*** | ***160 LANARK AVENUE Ottawa ON*** | ***WWIS***

Well ID: 7265948
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z229830
Tag: A190916
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src:
Date Received: 7/4/2016
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 160 LANARK AVENUE
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

Flowing (Y/N): ***Zone:***
Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/06/09
Year Completed: 2016
Depth (m): 5.79
Latitude: 45.3991322255574
Longitude: -75.7499410561127
Path:

Bore Hole Information

Bore Hole ID: 1006097535 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:*** 441305.00
Code OB Desc: ***North83:*** 5027564.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 09-Jun-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: 1006128603
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 01
Mat2 Desc: FILL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 1.2200000286102295
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006128606
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 79

Mat3 Desc:	PACKED
Formation Top Depth:	2.440000057220459
Formation End Depth:	5.789999961853027
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006128604
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.2200000286102295
Formation End Depth:	2.130000114440918
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006128605
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	2.130000114440918
Formation End Depth:	2.440000057220459
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006128615
Layer:	1
Plug From:	0.0
Plug To:	0.3100000023841858
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006128617
Layer:	3
Plug From:	2.440000057220459
Plug To:	5.789999961853027
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006128616
Layer:	2

Plug From: 0.3100000023841858
Plug To: 2.440000057220459
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006128614
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1006128602
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006128610
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 2.740000009536743
Casing Diameter: 5.199999809265137
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006128611
Layer: 1
Slot: 10
Screen Top Depth: 2.740000009536743
Screen End Depth: 5.289999961853027
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03000020980835

Water Details

Water ID: 1006128609
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006128607
Diameter: 11.430000305175781
Depth From: 0.0
Depth To: 2.440000057220459
Hole Depth UOM: m
Hole Diameter UOM: cm

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

Hole Diameter

Hole ID: 1006128608
Diameter: 7.619999885559082
Depth From: 2.440000057220459
Depth To: 5.789999961853027
Hole Depth UOM: m
Hole Diameter UOM: cm

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19 | ***1 of 2*** | ***ESE/194.8*** | ***60.8 / 0.94*** | ***Minto (Island Park) Limited***
38 Metropole Private
Ottawa ON | ***CA***

Certificate #: 5139-5RNJ7J
Application Year: 2003
Issue Date: 9/30/2003
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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19 | ***2 of 2*** | ***ESE/194.8*** | ***60.8 / 0.94*** | ***Minto (Island Park) Limited***
38 Metropole Pvt
Ottawa ON K1R 7Y2 | ***ECA***

Approval No: 5139-5RNJ7J
Approval Date: 2003-09-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Minto (Island Park) Limited
Address: 38 Metropole Pvt
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9984-5QBKCV-14.pdf
PDF Site Location:

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

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20 | ***1 of 1*** | ***ENE/196.2*** | ***58.3 / -1.57*** | ***OTTAWA CITY***
LATCHFORD RD./CLEARVIEW AVE.
OTTAWA CITY ON | ***CA***

Certificate #: 3-0445-93-
Application Year: 93
Issue Date: 5/12/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

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

Emission Control:

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21 | ***1 of 1*** | ***SSE/196.3*** | ***61.8 / 1.92*** | ***Hash Machinery Systems*** ***35 Briarway Pvt*** ***Ottawa ON K1Z 1C3*** | ***SCT***

Established: 8/1/2003
Plant Size (ft²):
Employment:

--Details--
Description: Industrial Mould Manufacturing
SIC/NAICS Code: 333511

Description: Stamping
SIC/NAICS Code: 332118

Description: Metal Window and Door Manufacturing
SIC/NAICS Code: 332321

Description: Non-Ferrous Foundries (except Die-Casting)
SIC/NAICS Code: 331529

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22 | ***1 of 22*** | ***SSW/204.7*** | ***61.9 / 2.05*** | ***CANADIAN BROADCASTING CORP.*** ***250 LANARK AVE, BOX #3220, STN "C"*** ***OTTAWA ON K1Z 6R5*** | ***GEN***

Generator No: ON0045402
SIC Code: 4811
SIC Description: RADIO BROADCASTING
Approval Years: 86,87
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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22 | ***2 of 22*** | ***SSW/204.7*** | ***61.9 / 2.05*** | ***CANADIAN BROADCASTING CORP.*** ***250 LANARK AVE, BOX #3220, STN "C"*** ***OTTAWA ON K1Z 6R5*** | ***GEN***

Generator No: ON0045402
SIC Code: 4811
SIC Description: RADIO BROADCASTING
Approval Years: 88,89,90
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	3 of 22	SSW/204.7	61.9 / 2.05	CANADIAN BROADCASTING CORP. 08-276 250 LANARK AVE. OTTAWA ON K1Z 6R5	GEN

Generator No: ON0045402
SIC Code: 4811
SIC Description: RADIO BROADCASTING
Approval Years: 92,93,95,96,97
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	4 of 22	SSW/204.7	61.9 / 2.05	CANADIAN BROADCASTING CORP. 08-276 250 LANARK AVE, BOX #3220, STN "C" OTTAWA ON K1Z 6R5	GEN

Generator No: ON0045402
SIC Code: 4811
SIC Description: RADIO BROADCASTING
Approval Years: 94
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	5 of 22	SSW/204.7	61.9 / 2.05	CANADIAN BROADCASTING CORPORATION 250 LANARK AVENUE OTTAWA ON K1Y 1E4	GEN

Generator No: ON0045402
SIC Code: 4811
SIC Description: RADIO BROADCASTING
Approval Years: 98,99,00,01
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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22 | ***6 of 22*** | ***SSW/204.7*** | ***61.9 / 2.05*** | ***ProFac -CBC Ottawa 250 Lanark Avenue Ottawa ON K1Y 1E4*** | ***GEN***

Generator No: ON0045402
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 243
Waste Class Desc: PCB'S

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

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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22 | **7 of 22** | **SSW/204.7** | **61.9 / 2.05** | **Public Works and Government Services Canada**
250 Lanark Ave
Ottawa ON K1Z 1G4 | **GEN**

Generator No: ON8507466
SIC Code: 911910
SIC Description: Other Federal Government Public Administration
Approval Years: 05,06,07,08
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

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

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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22 **8 of 22** **SSW/204.7** **61.9 / 2.05** **SNC Lavalin Profac** **GEN**
Graham Spry Bldg. 250 Lanark Ave.
Ottawa ON K1Z 1G4

Generator No: ON6794727
SIC Code: 531310
SIC Description: Real Estate Property Managers
Approval Years: 07,08
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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

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22 **9 of 22** **SSW/204.7** **61.9 / 2.05** **Graham Spry Building, 250 Lanark Ave.** **SPL**
<UNOFFICIAL>
Ottawa ON K1Z 1G4

Ref No: 4442-84VW5X
Site No:
Incident Dt:
Year:
Incident Cause: Cooling System Leak
Incident Event:
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Air Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/26/2010
Dt Document Closed: 4/30/2010
Incident Reason: Equipment Failure - Malfunction of system components
Site Name: Graham Spry Building, 250 Lanark Ave.<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Graham Spry Building-90 Kg Refrigerant leak from Chiller.
Contaminant Qty:

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

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22 **10 of 22** **SSW/204.7** **61.9 / 2.05** **Public Works and Government Services Canada** **GEN**
250 Lanark Ave
Ottawa ON K1Z 1G4

Generator No: ON8507466
SIC Code: 911910
SIC Description: Other Federal Government Public

Status:
Co Admin:
Choice of Contact:

Administration
Approval Years: 2009
PO Box No:
Country:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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22 | **11 of 22** | **SSW/204.7** | **61.9 / 2.05** | **Public Works and Government Services Canada**
250 Lanark Ave
Ottawa ON K1Z 1G4 | **GEN**

Generator No: ON8507466
SIC Code: 911910
SIC Description: Other Federal Government Public Administration
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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22 | **12 of 22** | **SSW/204.7** | **61.9 / 2.05** | **SNC-Lavalin Constructors (Pacific) Inc.**
250 Lanark Avenue
Ottawa ON | **SPL**

Ref No: 3623-97CPVK
Site No:
Incident Dt: 03-MAY-13
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Air Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 03-MAY-13
Dt Document Closed:
Incident Reason: Material Failure ¿ Poor Design/Substandard Material
Site Name: Roof-top Cooling Unit<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: SNC Lavalin: unknown qty 134A refrigerant to atm

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address: 250 Lanark Avenue
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: Air Spills - Gases and Vapours
Source Type:

Contaminant Qty: 110 kg

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22 **13 of 22** **SSW/204.7** **61.9 / 2.05** **SNC LAVALIN O & M**
250 LANARK AVENUE
OTTAWA ON
GEN

Generator No: ON6726585
SIC Code: 911910
SIC Description: Other Federal Government Public Administration
Approval Years: 2012
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

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22 **14 of 22** **SSW/204.7** **61.9 / 2.05** **Public Works and Government Services Canada**
250 Lanark Ave
Ottawa ON K1Z 1G4
GEN

Generator No: ON8507466
SIC Code: 911910
SIC Description: Other Federal Government Public Administration
Approval Years: 2012
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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22 | **15 of 22** | **SSW/204.7** | **61.9 / 2.05** | **CANADIAN BROADCASTING CORPORATION**
250 Lanark Ave.
Ottawa ON K1Z6R5 | **NPRI**

NPRI ID: 8800000505
Other ID:
No Other ID:
Track ID:
Report ID:
Report Type:
Rpt Type ID:
Report Year: 2004
Not-Current Rpt?:
Yr of Last Filed Rpt:
Fac ID:
Fac Name: CBC LANARK
Fac Address1:
Fac Address2:
Fac Postal Zip:
Facility Lat:
Facility Long:
DLS (Last Filed Rpt):
Facility DLS:
Datum:
Facility Cmnts:
URL:
No of Empl.: 50
Parent Co.:
No Parent Co.:
Pollut Prev Cmnts:
Stacks:
No of Stacks:
Canadian SIC Code (2 digit):
Canadian SIC Code:
SIC Code Description:
American SIC Code:
NAICS Code (2 digit): 53
NAICS 2 Description: Real Estate and Rental and Leasing
NAICS Code (4 digit): 5311
NAICS 4 Description: Lessors of Real Estate
NAICS Code (6 digit): 531120
NAICS 6 Description: Lessors of Non-Residential Buildings (except Mini-Warehouses)

Org ID:
Submit Date:
Last Modified:
Contact ID:
Cont Type: MED
Contact Title:
Cont First Name: J. Dennis
Cont Last Name: Graham
Contact Position: Manager, Safety & Environment
Contact Fax:
Contact Ph.:
Cont Area Code: 416
Contact Tel.: 2053288
Contact Ext.:
Cont Fax Area Cde: 416
Contact Fax: 2057676
Contact Email: dennis_graham@cbc.ca
Latitude:
Longitude:
UTM Zone:
UTM Northing:
UTM Easting:
Waste Streams:
No Streams:
Waste Off Sites:
No Off Sites:
Shutdown:
No of Shutdown:

Substance Release Report

CAS No: 811-97-2
Report ID:
Rpt Period: 2004
Subst Released: HFC-134a Hydrofluorocarbon
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 10102-43-9
Report ID:
Rpt Period: 2004
Subst Released: Oxides of nitrogen (expressed as NO)

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

Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 7446-09-5
Report ID:
Rpt Period: 2004
Subst Released: Sulphur dioxide
Air: .099
Water:
Land:
Total Releases: .099
Units: tonnes

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22 | **16 of 22** | **SSW/204.7** | **61.9 / 2.05** | **Public Works and Government Services Canada**
250 Lanark Ave
Ottawa ON | **GEN**

Generator No: ON8507466
SIC Code: 911910
SIC Description:
Approval Years: 2013
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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22 | **17 of 22** | **SSW/204.7** | **61.9 / 2.05** | **250 Lanark Ave, Ottawa ON K1Z1G4** | **EHS**

Order No: 20150303038
Status: C
Report Type: Custom Report
Report Date: 06-MAR-15
Date Received: 03-MAR-15
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Topographic Maps

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.752721
Y: 45.397494

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22 | **18 of 22** | **SSW/204.7** | **61.9 / 2.05** | **Public Works and Government Services Canada, 250 Lanark Ave, Ottawa ON K1Z 1G4** | **GEN**

Generator No: ON8507466
SIC Code: 911910
SIC Description: 911910
Approval Years: 2014
PO Box No:
Country: Canada

Status:
Co Admin: Adam Cockburn
Choice of Contact: CO_OFFICIAL
Phone No Admin: (613) 784-5198 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 121
Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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22 **19 of 22** **SSW/204.7** **61.9 / 2.05** **BGIS**
250 Lanark Avenue
Ottawa ON K1Z 1G5
GEN

Generator No: ON6926112
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 221 I
Waste Class Desc: Light fuels

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

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22 **20 of 22** **SSW/204.7** **61.9 / 2.05** **BGIS**
250 Lanark Avenue
Ottawa ON K1Z 1G5
GEN

Generator No: ON6926112
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

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
22	21 of 22	SSW/204.7	61.9 / 2.05	BGIS 250 Lanark Avenue Ottawa ON K1Z 1G5	GEN

Generator No: ON6926112
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

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

Waste Class: 221 I
Waste Class Desc: Light fuels

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

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

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	22 of 22	SSW/204.7	61.9 / 2.05	BGIS 250 Lanark Avenue Ottawa ON K1Z 1G5	GEN

Generator No: ON6926112
SIC Code:
SIC Description:
Approval Years: As of Feb 2022
PO Box No:
Country: Canada

Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

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

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

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

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

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

Waste Class: 221 I

Waste Class Desc: Light fuels

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23 | **1 of 1** | **E/208.1** | **59.9 / -0.01** | **160 LANARK AVENUE Ottawa ON** | **WWIS**

Well ID:	7265949	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	7/4/2016
Sec. Water Use:	0	**Selected Flag:**	TRUE
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z229802	**Owner:**	
Tag:	A190915	**Street Name:**	160 LANARK AVENUE
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2016/06/09
Year Completed:	2016
Depth (m):	5.79
Latitude:	45.3988817206003
Longitude:	-75.749707758483
Path:	

Bore Hole Information

Bore Hole ID:	1006097538	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	441323.00
Code OB Desc:		**North83:**	5027536.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09-Jun-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:	1006128621
Layer:	3
Color:	2
General Color:	GREY

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 92
Mat3 Desc: WEATHERED
Formation Top Depth: 2.130000114440918
Formation End Depth: 5.789999961853027
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006128619
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 0.3100000023841858
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006128620
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.3100000023841858
Formation End Depth: 2.130000114440918
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128632
Layer: 3
Plug From: 2.5899999141693115
Plug To: 5.789999961853027
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006128630
Layer: 1
Plug From: 0.0
Plug To: 0.3100000023841858
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1006128631
Layer:	2
Plug From:	0.3100000023841858
Plug To:	2.5899999141693115
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006128629
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1006128618
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006128625
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	2.740000009536743
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006128626
Layer:	1
Slot:	10
Screen Top Depth:	2.740000009536743
Screen End Depth:	5.789999961853027
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03000020980835

Water Details

Water ID:	1006128624
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006128623
Diameter:	7.619999885559082

Depth From: 3.0999999046325684
Depth To: 5.789999961853027
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1006128622
Diameter: 11.430000305175781
Depth From: 0.0
Depth To: 3.0999999046325684
Hole Depth UOM: m
Hole Diameter UOM: cm

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24 | ***1 of 1*** | ***E/227.4*** | ***58.9 / -0.97*** | ***ENBRIDGE GAS INC***
157 LANARK AVE,,OTTAWA,ON,K1Z 8P6,CA
ON | ***PINC***

Incident Id:
Incident No: 2937974
Incident Reported Dt: 10/5/2020
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 157 LANARK AVE,,OTTAWA,ON,K1Z 8P6,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

---

25 | ***1 of 1*** | ***W/227.6*** | ***58.8 / -1.06*** | ***Uniform Urban Developments Ltd.***
Selby Avenue and Ferndale Avenue
Ottawa ON K2G 5X3 | ***ECA***

Approval No: 0171-8UANES
Approval Date: 2012-05-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Uniform Urban Developments Ltd.
Address: Selby Avenue and Ferndale Avenue
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4471-8T2PSH-14.pdf
PDF Site Location:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	NE/238.1	57.8 / -2.06	ON	WWIS

Well ID:	7365000	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/14/2020
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z338145	**Owner:**	
Tag:	A296265	**Street Name:**	
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:			

Bore Hole Information

Bore Hole ID:	1008432356	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	441295.00
Code OB Desc:		**North83:**	5027748.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	13-May-2020 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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	1 of 1	W/239.0	58.8 / -1.07	First Viewmount Shopping Centres Limited Ottawa ON K2B 1A5	ECA

Approval No:	9075-5EXR6K	**MOE District:**	Ottawa
Approval Date:	2002-10-23	**City:**	
Status:	Approved	**Longitude:**	-75.7553
Record Type:	ECA	**Latitude:**	45.3997
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	First Viewmount Shopping Centres Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1727-5DXQ2D-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 1	ENE/242.9	58.9 / -0.98	ENBRIDGE GAS INC 234 REMIC AVE,,OTTAWA,ON,K1Z 5W5,CA ON	PINC

Incident Id:		**Pipe Material:**	
Incident No:	2910068	**Fuel Category:**	
Incident Reported Dt:	8/20/2020	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	

Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 234 REMIC AVE,,OTTAWA,ON,K1Z 5W5,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Unplottable Summary

Total: 14 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OTTAWA CITY	LANARK AVE.	OTTAWA CITY ON	
CA		Scott Street (Parkdale to Merton)	Ottawa ON	
CA	OTTAWA CITY	SCOTT ST.	OTTAWA CITY ON	
CA		Scott Street	Ottawa ON	
CA		Scott Street (Parkdale to Merton)	Ottawa ON	
CA	CITY	SELBY AVE.	OTTAWA ON	
CA	OTTAWA CITY	BEECHGROVE AVENUE (SWM)	OTTAWA CITY ON	
CA	OTTAWA CITY	ROYAL AVE/LANARK AVE/SELBY AVE	OTTAWA CITY ON	
CA	TAIGA NON-PROFIT HSG. CORP.-LOTS 11 & 14	SCOTT ST./STM-WATER MGT. FAC.	OTTAWA CITY ON	
ECA	City of Ottawa	Scott St	Ottawa ON	K2G 6J8
ECA	The Regional Municipality of Ottawa-Carleton	Scott Street	Ottawa ON	K2P 2L7
GEN	Kiewit Eurovia Vinci	Westboro Station Scott Street	Ottawa ON	K1Z 6R5
SPL	Hydro One	Lanark Ave - 400 yards from the NW corner of Scotts St and Lanark Ave	Ottawa ON	
SPL	OLRT Constructors	north of Scott St east of Holland Ave	Ottawa ON	

Unplottable Report

Site: ***OTTAWA CITY***
LANARK AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1579-87-
Application Year:	87
Issue Date:	9/15/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Scott Street (Parkdale to Merton) Ottawa ON

Database: ***CA***

Certificate #:	5431-4HMR4L
Application Year:	00
Issue Date:	3/22/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:	111 Lisgar Street
Client City:	Ottawa
Client Postal Code:	K2P 2L7
Project Description:	Watermaisn and appurtenances to be constructed.
Contaminants:	
Emission Control:	

Site: ***OTTAWA CITY***
SCOTT ST. OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0662-90-
Application Year:	90
Issue Date:	4/30/1990
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Scott Street Ottawa ON

Database: ***CA***

Certificate #:	2262-4JHL7S
Application Year:	00

Issue Date: 4/26/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Watermains and appurtenances to be constructed
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Scott Street (Parkdale to Merton) Ottawa ON

Certificate #: 7515-4HMRDR
Application Year: 00
Issue Date: 3/22/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: Sanitary sewers to be constructed.
Contaminants:
Emission Control:

Site: ***CITY*** ***Database:*** ***CA***
SELBY AVE. OTTAWA ON

Certificate #: 3-0479-85-006
Application Year: 85
Issue Date: 5/17/85
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*** ***Database:*** ***CA***
BEECHGROVE AVENUE (SWM) OTTAWA CITY ON

Certificate #: 3-0617-96-
Application Year: 96
Issue Date: 6/19/1996
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***
ROYAL AVE/LANARK AVE/SELBY AVE OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0787-95-
Application Year: 95
Issue Date: 7/19/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TAIGA NON-PROFIT HSG. CORP.-LOTS 11 & 14***
SCOTT ST./STM-WATER MGT. FAC. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-0582-91-
Application Year: 91
Issue Date: 8/1/1991
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***
Scott St Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 5496-BPATN2
Approval Date: 2020-05-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Scott St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9806-BNXJXN-13.pdf
PDF Site Location:

Site: ***The Regional Municipality of Ottawa-Carleton***
Scott Street Ottawa ON K2P 2L7

Database: ***ECA***

Approval No: 2262-4JHL7S
Approval Date: 2000-04-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: The Regional Municipality of Ottawa-Carleton
Address: Scott Street
Full Address:

Full PDF Link:
PDF Site Location:

Site: ***Kiewit Eurovia Vinci***
Westboro Station Scott Street Ottawa ON K1Z 6R5

Database: ***GEN***

Generator No:	ON6150607	***Status:***	Registered
SIC Code:		***Co Admin:***	
SIC Description:		***Choice of Contact:***	
Approval Years:	As of Nov 2021	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:	Canada	***MHSW Facility:***	

Detail(s)

Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	221 L
Waste Class Desc:	Light fuels

Site: ***Hydro One***
Lanark Ave - 400 yards from the NW corner of Scotts St and Lanark Ave Ottawa ON

Database: ***SPL***

Ref No:	3525-67Z4JH	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:	12/23/2004	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Other Plant
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	***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:	Possible	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s); Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/24/2004	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	M.C.B.S. - Fuel Safety; Spill to Land
Incident Reason:	Weather	***Source Type:***	
Site Name:	VAL TETTREAU JUNCTION<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Hydro 1: 114 L high volt. cable oil to grnd		
Contaminant Qty:	136.5 L		

Site: ***OLRT Constructors***
north of Scott St east of Holland Ave Ottawa ON

Database: ***SPL***

Ref No:	5274-A34GUE	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	10/7/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	CONCRETE	***Site Address:***	north of Scott St east of Holland Ave
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa

Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	5028066
MOE Response:	No	***Easting:***	442532
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/8/2015	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	OLRT<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OLRT: concrete wash out to soil, clnd 4L		
Contaminant Qty:	4 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 Nov 2021

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-Mar 2022

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-Sep 30, 2021

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 2019

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: Feb 28, 2022

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-Sep 30, 2021

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 2022

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-Jan 2022

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, 2022

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: Feb 28, 2022

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- Mar 31, 2022

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, 2022

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- Mar 31, 2022

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-Mar 31, 2022

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

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: Feb 28, 2022

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 2022

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: Feb 28, 2022

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-Feb 28, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

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-Feb 2022

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, 2020

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-Jun 30, 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, 2022

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-Jan 2021

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, 2022

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- Mar 31, 2022

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: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Apr 30, 2022

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, 1992-2019

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-Apr 2022

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-Sep 30, 2021

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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

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, 2019

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

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- Mar 31, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Sep 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Samuel R. Berube, EIT
Junior Environmental Engineer

Samuel joined Paterson Group in 2019 as part of the Environmental Department. Samuel received his Bachelor of Environmental Engineering from the University of Guelph in 2019. Since joining Paterson Group in 2019, Samuel has worked on numerous residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Southeastern Ontario. His scope of work consists of conducting Phase I & II environmental site assessments, field inspections, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, as well as performing designated substance surveys.

EDUCATION
Bachelor of Environmental Engineering, 2019
University of Guelph,
Guelph, ON

LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 3

OFFICE LOCATION
154 Colonnade Road South,
Nepean, Ontario, K2E 7J5

SELECT LIST OF PROJECTS

- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor).
- Residential Development: 545 Industriel Boulevard, Hawkesbury, ON (Site Remediation Coordinator & Supervisor)
- The Ottawa Hospital: Sir John Carling Building, Ottawa, ON (Deep Foundation Removal Program)
- Residential High-Rise Development: 1950 Scott Street, 312 and 314 Clifton Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Residential Development: 1081 Carling Avenue, Ottawa, ON (Phase I & II – Environmental Site Assessment)
- Residential Development: 3713 Borrisokane Road, Ottawa, ON (Phase II Environmental Site Assessment)
- Residential Development:800 Second Street West, Cornwall, ON (Phase I & II Environmental Site Assessment)
- Residential Development: 830, Ottawa, ON (Soil and Groundwater Management Coordinator & Supervisor)

PROFESSIONAL EXPERIENCE

April 2019 to present, **Junior Environmental Engineer, Paterson Group,** Ottawa, Ontario

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget.

paterson group
solution oriented engineering

Adrian Menyhart
P.Eng, ing., QP$_{esa}$

Adrian received his Bachelor of Engineering from Carleton University in 2011, with a specialization in environmental engineering, and joined Paterson Group shortly after graduation. Over the next seven years, Adrian gained significant experience in all aspects of environmental engineering beginning with field work and later, with reporting and project management. In 2018, Adrian joined the National Research Council as an environmental officer, working in the field of polyfluoroalkyl substances (PFAS) at the National Fire Laboratory. Following the National Research Council, Adrian returned to consulting at WSP Canada Inc. At WSP, Adrian assisted the Ottawa environmental group as a project manager, managing large and small federal environmental projects such as the investigations for the proposed Alexandra interprovincial bridge. Finally, after two years away, Adrian returned to Paterson Group as a senior project manager within the environmental department.

Adrian has filed multiple Records of Site Condition with the Ontario Ministry of the Environment, Conservation and Parks and is knowledgeable with respect to Ontario's On-site and Excess Soil Regulation. Fluently bilingual, Adrian holds engineering licenses in both Ontario and Quebec, as well as being a Qualified Person in the Province of Ontario.

EDUCATION
B.Eng. 2011, Environmental Engineering, Carleton University, Ottawa, ON

LICENCE/ PROFESSIONAL AFFILIATIONS
Ordre des Ingénieurs du Québec
Professional Engineers of Ontario
Ottawa Geotechnical Group

YEARS OF EXPERIENCE
10 years

WSP Canada Inc.
2019-2020

National Research Council
2018-2019

Paterson Group
2011 – 2018

OFFICE LOCATION
Paterson's Ottawa Office

SELECT LIST OF PROJECTS

- PSPC, Alexandra Bridge Replacement, Phase II ESA, Ottawa/Gatineau – provided oversight of the Phase I and Phase II program for the bridge replacement program.
- PSPC/BGIS, Finance Building and Annex – Tunney's Pasture, Phase II ESA – Oversaw the planning, reporting and completion of a Phase II ESA within the project buildings.
- Canada Lands Corporation, 530 Tremblay Avenue, Oversaw the planning, reporting and completion of a Phase I ESA, and planning requirements of a Phase II ESA.
- National Fire Laboratory, PFAS investigation – Provided technical support for the National Research Council, with respect to the ongoing PFAS investigation.
- Ottawa Arts Gallery Expansion, Ottawa, ON (remediation supervisor) – Provided guidance in the segregation of soils on the site, managing contaminated and clean materials, providing daily correspondence with the client. Successfully filed a Record of Site Condition for the property.
- Conducted and managed numerous designated substance surveys and asbestos surveys throughout Ontario and Quebec, for private and federal clients.
- Conducted and managed numerous air sampling programs, collecting samples for environmental parameters such as asbestos, lead and mould, and preparing reports.
- Conducted and managed Phase I and II Environmental Site Assessments across Ontario and Quebec

PROFESSIONAL EXPERIENCE

November 2020 to Present, **Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Coordination, preparation and management of Phase I and Phase II Environmental Site Assessment.
- Coordination, preparation and managed Designated Substance Surveys and indoor air quality assessments.
- Preparation of soil and groundwater remediation plans.
- Filing records of site condition with the Ontario Ministry of the Environment, Conservation and Parks.
- Implementation of Excess Soil Regulations, Ontario.

March 2019 to 2020, **Environmental Engineer, WSP Canada Inc.,** Ottawa, Ontario

- Coordinated, prepared Phase I and Phase II Environmental Site Assessments for Federal and private clients.
- Coordinated, prepared and managed Designated Substance Surveys for various Federal and private clients, in both English and French.
- Managed all projects from preparation of proposals, to final invoicing.

September 2018 to 2019, **Environmental Officer, National Research Council,** Ottawa, Ontario

- Oversaw on-going PFAS investigation program at the National Fire Laboratory in Almonte, Ontario, being carried out by NRC consultants.
- Reviewed and commented on deliverables prepared by consultants, while coordinating with internal legal, communications, and presidential departments within the NRC.
- Corresponded with area residents surrounding the Laboratory.
- Coordinated potable water supply program.

September 2011 to 2018, **Environmental Engineer, Paterson Group Inc.,** Ottawa, Ontario

- Prepare, revise and submit all documentation and reports for the successful filing of Records of Site Condition with the Ministry of the Environment and Climate Change
- Provide on-site environmental expertise for remediation projects including Ottawa Arts Gallery, Rideau Centre Expansion and Tall Ships Landing, among various small scale remediation project within the greater Ottawa area.
- Coordinate field programs and prepare reports for Phase I and II projects across Ontario and Quebec.
- Oversee environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Conduct designated substance surveys in Ontario and Quebec.
- Coordinate air sampling programs for various environmental parameters, comparing results with regulatory standards and other guidelines.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.

June to September from 2009 to 2011, **Inspector, Canadian Food Inspection Agency,** Ottawa, Ontario

- Conducted the trapping program for the Emerald Ash Borer across Eastern Ontario.
- Assisted in the preparation and training of other inspectors for the trapping program.
- Conducted inspections for restricted wood products at various campgrounds.
- Assisted other inspectors in inspecting shipments of wood products from other countries, in certain cases, seizing and disposing of items.
- Compiling data and preparing reports.