

Phase I Environmental Site Assessment

210 Clearview Avenue
Ottawa, Ontario

Prepared for Homestead Land Holdings Inc.

Report: PE5751-1
April 10, 2023

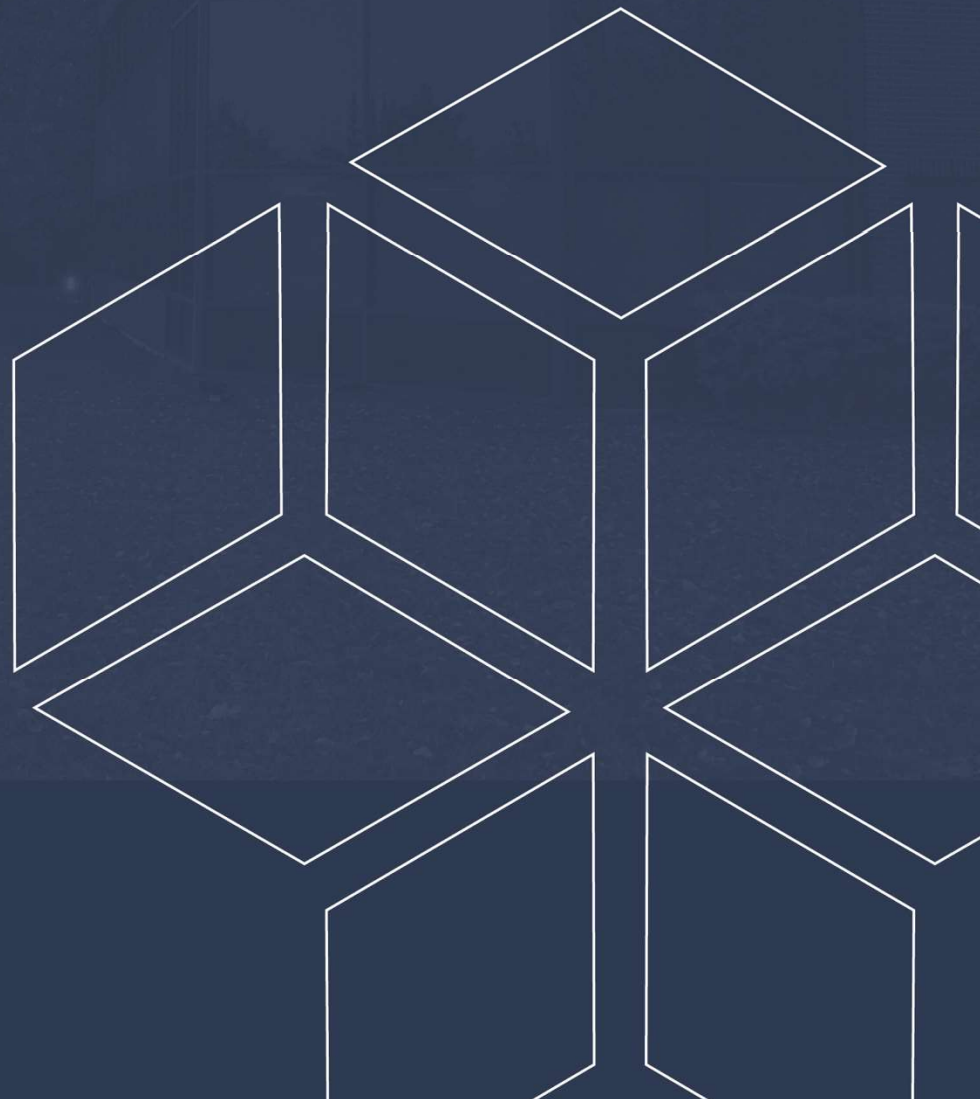


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EXECUTIVE SUMMARY

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). One aboveground storage tank (AST) and underground storage tank (UST) record, as well as multiple waste generator records were documented for the property addressed 250 Lanark Avenue (205m SW) from 1963 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. Four UST records as well as one historical spill record pertaining to a 50L hydraulic oil spill were 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, AST, USTs, 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.**

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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. Based on the response from the MECP, no records were documented for the Phase I Property.

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. Based on the response from the MECP, no records were documented for the Phase I Property.

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. Based on the response from the MECP, no records were documented for the Phase I Property.

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.

The HLUI response included multiple UST records documented for two properties that were already considered PCAs. Four underground storage tank records were documented for the property addressed 281 :Lanark Avenue in 1963. One aboveground storage tank (AST) and UST record were documented for the property addressed 250 Lanark Avenue in 1970 and 1963, respectively.

Additionally, a UST was identified on the property addressed 185 Clearview Avenue.

Based on their separation distances and/or cross gradient orientation with respect to the Phase I Property as well as a review of previously completed engineering reports, the identified AST and USTs including the former UST located on the property addressed 185 Clearview Avenue, are not considered to have had the potential to impact the Phase I Property.

No additional PCAs were identified as a result of a review of the HLUI response.

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 spill record associated with a historical hydraulic oil spill was also documented for the property. The documented spill record pertains to 50L of hydraulic oil having been discharged into a drain and sump pit.

The identified 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 east 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
AST, UST, and Waste generator records	250 Lanark Avenue (205m SW)	N
Former 50L hydraulic oil spill and four USTs	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). One aboveground storage tank (AST) and underground storage tank (UST) record, as well as multiple waste generator records were documented for the property addressed 250 Lanark Avenue (205m SW) from 1963 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. Four UST records as well as one historical spill record pertaining to a 50L hydraulic oil spill were 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, AST, USTs, 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

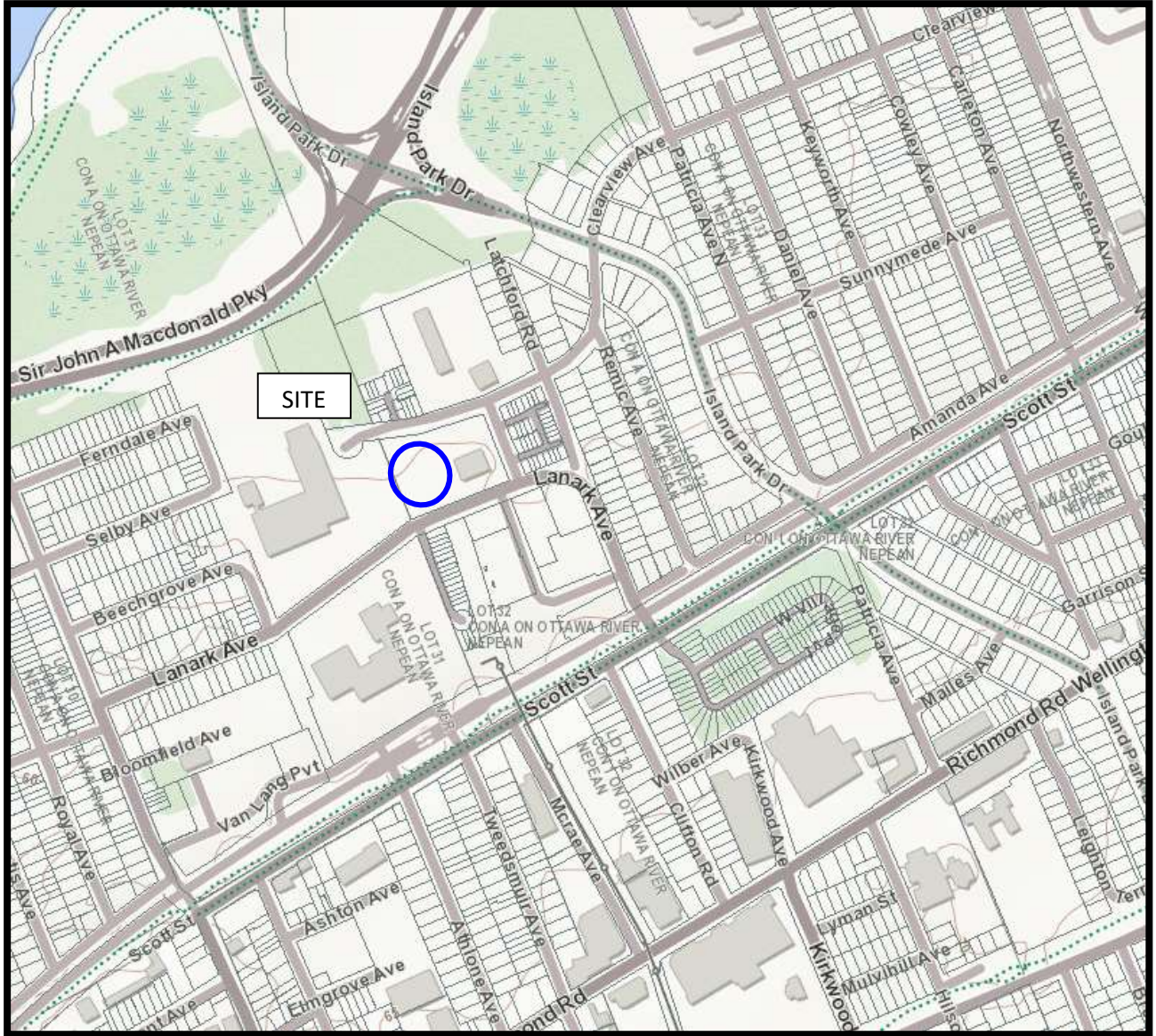
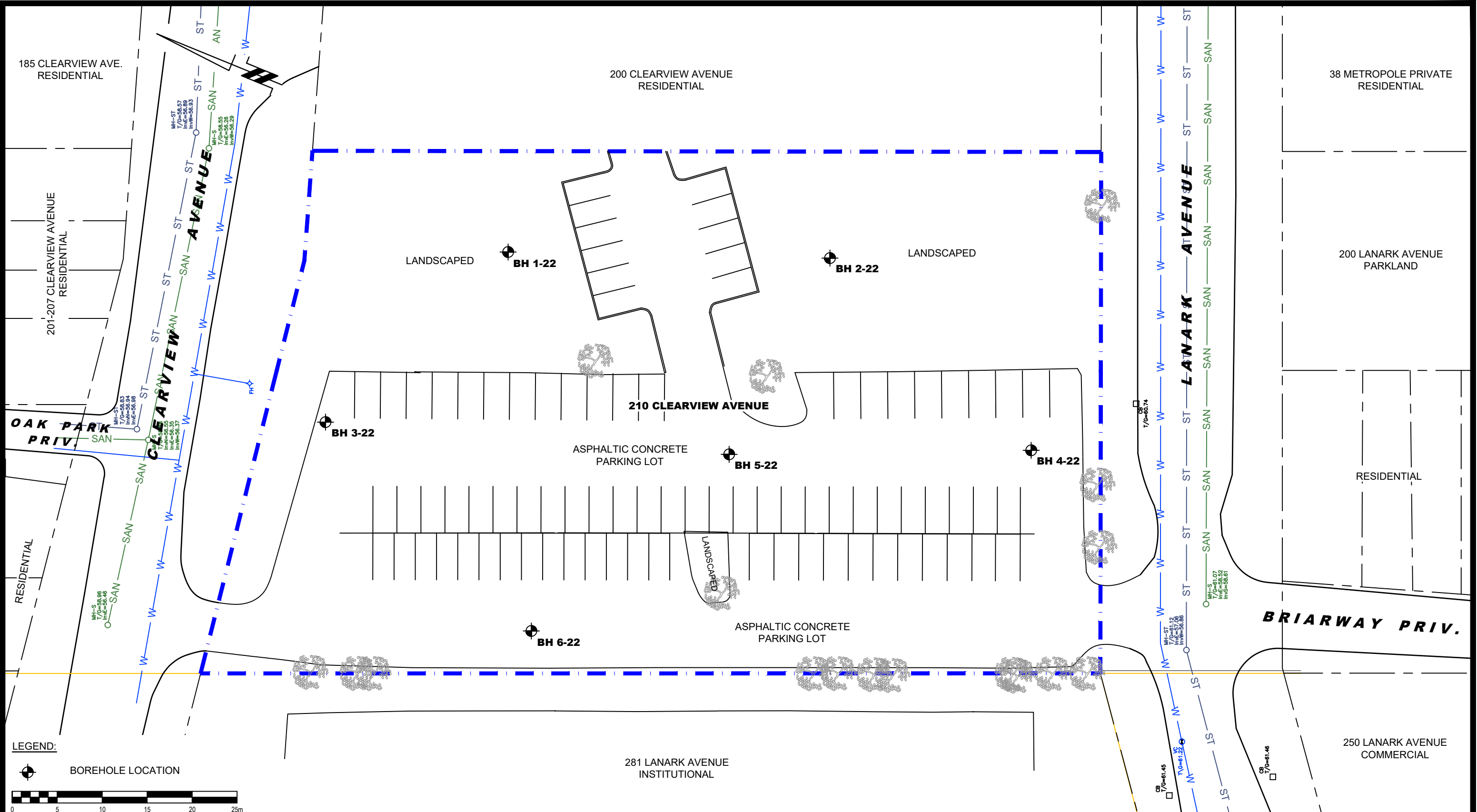


FIGURE 2
TOPOGRAPHIC MAP



LEGEND:

BOREHOLE LOCATION

NO.	REVISIONS	DATE	INITIAL

HOMESTEAD LAND HOLDINGS INC.

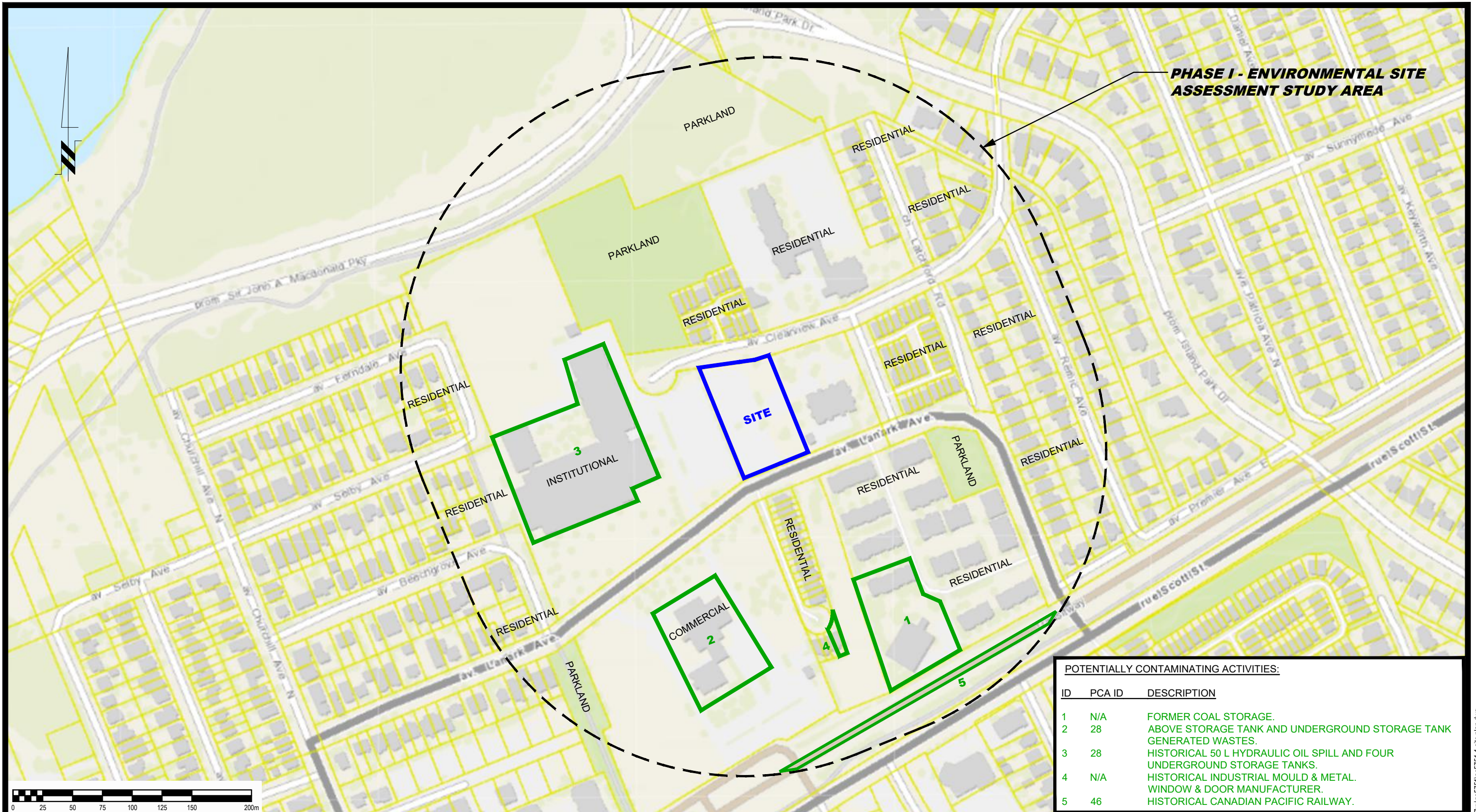
PHASE I - ENVIRONMENTAL SITE ASSESSMENT

210 CLEARVIEW AVENUE

OTTAWA, ONTARIO

Title: SITE PLAN

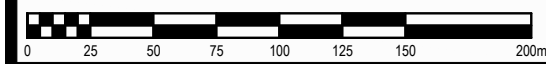
Scale:	1:400	Date:	07/2022
Drawn by:	JM	Report No.:	PE5751-1
Checked by:	SB	Dwg. No.:	PE5751-1
Approved by:	AM	Revision No.:	



PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITIES:

ID	PCA ID	DESCRIPTION
1	N/A	FORMER COAL STORAGE.
2	28	ABOVE STORAGE TANK AND UNDERGROUND STORAGE TANK GENERATED WASTES.
3	28	HISTORICAL 50 L HYDRAULIC OIL SPILL AND FOUR UNDERGROUND STORAGE TANKS.
4	N/A	HISTORICAL INDUSTRIAL MOULD & METAL WINDOW & DOOR MANUFACTURER.
5	46	HISTORICAL CANADIAN PACIFIC RAILWAY.



NO.	REVISIONS	DATE	INITIAL

HOMESTEAD LAND HOLDINGS INC.
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 210 CLEARVIEW AVENUE
 OTTAWA, ONTARIO
SURROUNDING LAND USE PLAN

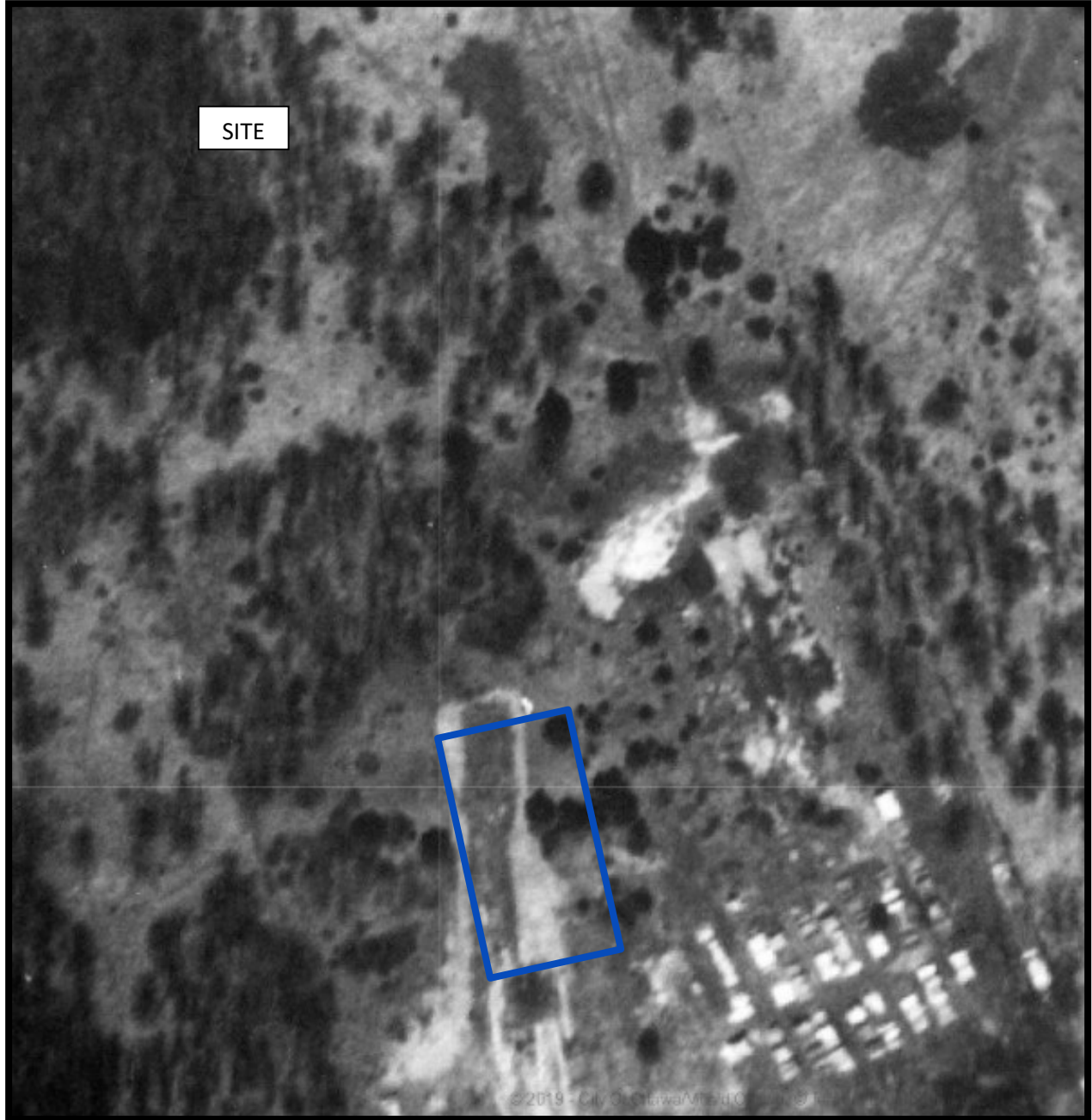
Scale:	1:3000	Date:	04/2023
Drawn by:	GK	Report No.:	PE5751-1
Checked by:	SB	Dwg. No.:	PE5751-2
Approved by:	AM	Revision No.:	

APPENDIX 1

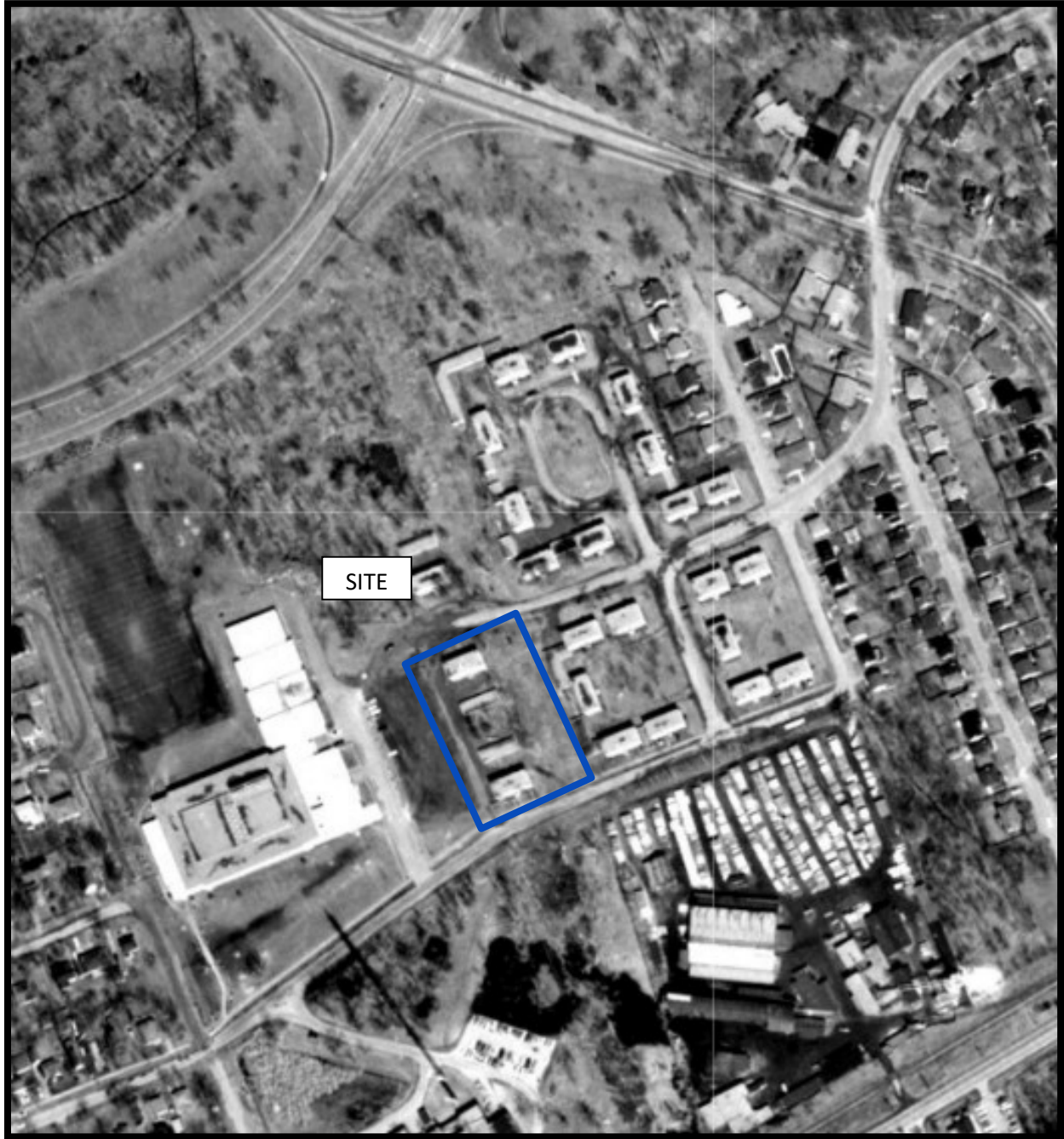
AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

SURVEY PLAN



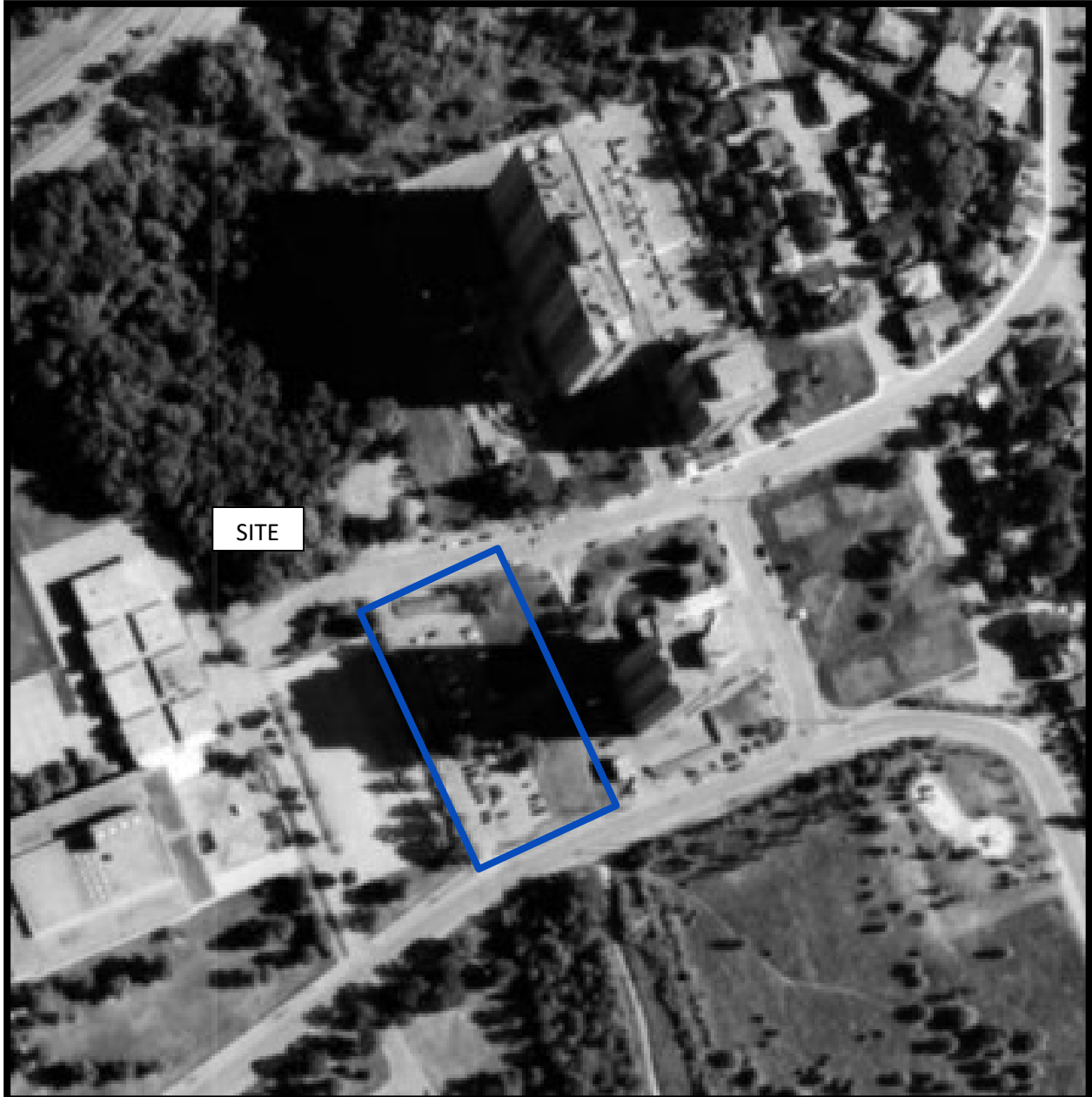
AERIAL PHOTOGRAPH
1928



AERIAL PHOTOGRAPH
1965



AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1991



SITE

AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2017



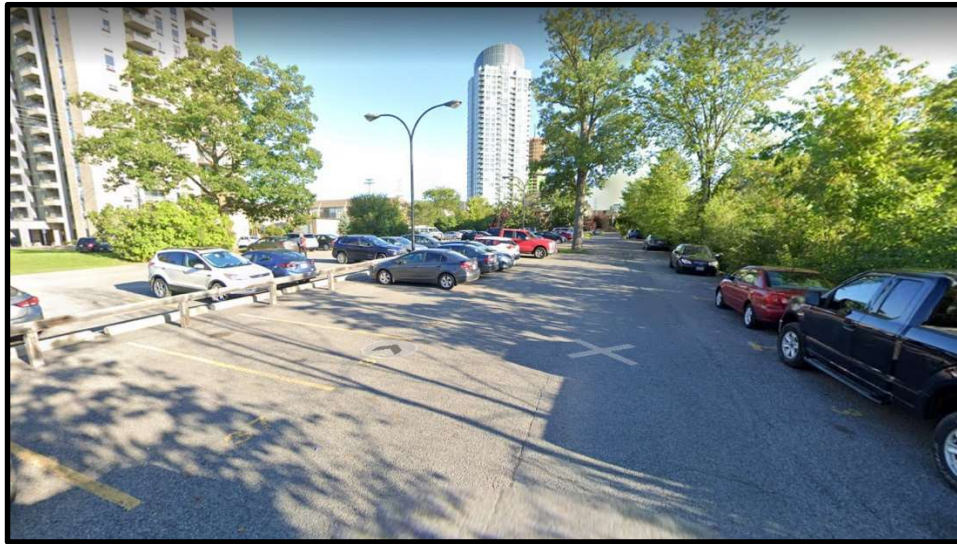
AERIAL PHOTOGRAPH
2019

Site Photographs

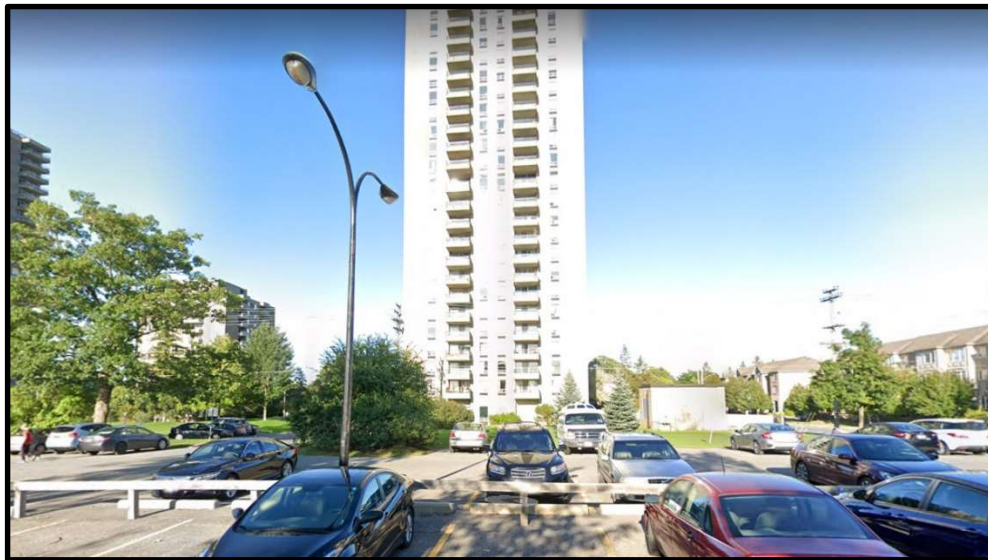
PE5751

210 Clearview Avenue – Ottawa, ON

April 10, 2023



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



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

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.

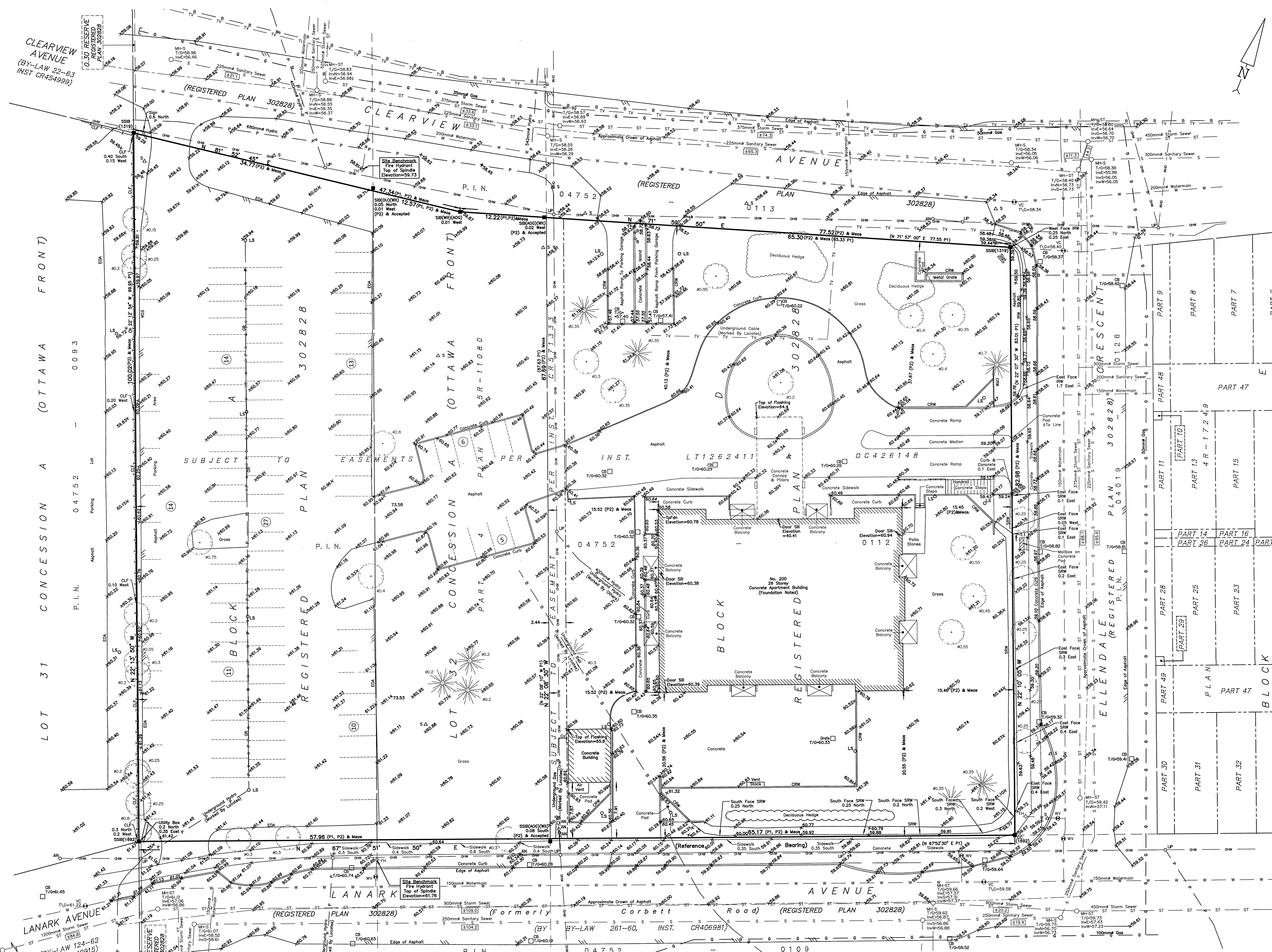
Bearing Note
Bearings are grid, derived from the northerly limit of Lanark Avenue having a bearing of N 67° 51' 50" E and are referred to the Central Meridian of MTM Zone 9 (76° 30' West Longitude) Nad-83 (Original).

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 its 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
Notations
Survey Monument Planted
Survey Monument Found
Standard Iron Bar
Short Standard Iron Bar
Iron Bar
Cut Cross
Witness
Measured
Registered Plan 302828
Plan by (1692) dated January 15, 2020 (File No. 667-19)
Maintenance Hole (Storm)
Maintenance Hole (Sanitary)
Valve Chamber (Watermain)
Underground Storm Sewer
Underground Sanitary Sewer
Underground Water
Underground Power
Underground Gas
Underground Bell
Underground Cable
Overhead Wires
Utility Pole
Anchor
Light Standard
Catch Basin
Fire Hydrant
Water Valve
Ballard
Diameter
Cedar Hedge
Chain Link Fence
Rail Fence
Board Fence
Guard Rail
Plastic / Vinyl Fence
Concrete Retaining Wall
Stone Retaining Wall
Interlock Retaining Wall
Wood Retaining Wall
Invert
Top of Grate
Underside of Eave
Top of Foundation
Centreline
Location of Elevations
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.



Surveyor's Certificate
I certify that:
1. This survey and plan are correct and in accordance with the Survey Act, the Surveyors Act and the Regulations made under them.
2. The survey was completed on the 8th day of February, 2022.
Date Feb 8/22
Jamie Leslie
Ontario Land Surveyor

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V - 2 2 6 8 9
THIS PLAN IS NOT VALID UNLESS IT IS AN UNREPRODUCED 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: fsdsurvey@bellnet.ca

TOPOGRAPHIC DATA WAS COLLECTED UNDER WINTER CONDITIONS. SNOW COVER AND ICE PRECLUDE DETERMINING LOCATION AND ELEVATION OF SOME TOPOGRAPHICAL DATA THAT IS OTHERWISE VISIBLE.
WARNING: NO PERSON MAY COPY, REPRODUCE, DISTRIBUTE OR ALTER THIS PLAN IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF FARLEY, SMITH & DENIS SURVEYING LTD.
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FILE No.: 669-21

APPENDIX 2

MECP FREEDOM OF INFORMATION

MECP WELL RECORDS

TSSA RESPONSE

HLUI RESPONSE

ERIS REPORT

Ministry of the Environment,
Conservation and Parks

Access and Privacy Office
12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

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

Bureau de l'accès à l'information et
de la protection de la vie privée
12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



January 19, 2023

Samuel Berube
Paterson Group Inc.
154 Colonnade Road
Ottawa, Ontario K2E 7J5
sberube@patersongroup.ca

Dear Samuel Berube:

RE: **MECP FOI A-2022-03924, Your Reference PE5751 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 210 Clearview Avenue, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB) and Safe Drinking Water Branch (SDW) no records were located responsive to your request.

The ministry's Environmental Assessment and Permissions Division (EAPD), has advised that there may be inactive records in the Records Centre, Mississauga. To retrieve these files there is a charge of \$60.00 with no guarantee that any records will be located responsive to your request. If you would like us to retrieve these files, please submit payment of \$60.00.

Payment(s) may be made by February 20, 2023. If payment has not been received by this date, the file is considered closed and you will be required to submit a new request.

Payment(s) may be made by one of the following options:

- Pay online through [Freedom of Information Request On-Line Portal](https://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/FormDetail?OpenForm&ACT=RDR&TAB=PROFILE&SRCH=1&ENV=WWE&TIT=freedom+of+information&NO=012-2146E)
<https://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/FormDetail?OpenForm&ACT=RDR&TAB=PROFILE&SRCH=1&ENV=WWE&TIT=freedom+of+information&NO=012-2146E>
- Mail money order or cheque, made payable to the "Minister of Finance (FOI)", or credit card information (<http://www.ontario.ca/environment-and-energy/freedom-information-request-form>)

Please **do not** mail cash or send your payment information via email.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Brandy Booker at, Brandy.Booker@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office



Measurements recorded in: Metric Imperial

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, City of Ottawa, Mailing Address (Street Number/Name), Municipality, Province, Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entry: Installed 6/9/2016 MW-16-04

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³). Includes handwritten entry: 5.79, 0, Grouted 3/8 inch Bentonite Hole Plug

Method of Construction and Well Use checkboxes: Cable Tool, Rotary, Boring, Air percussion, Diamond, Jetting, Driving, Digging, Public, Commercial, Not used, Domestic, Municipal, Dewatering, Livestock, Test Hole, Monitoring, Irrigation, Cooling & Air Conditioning, Industrial, Other, specify

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well checkboxes: Water Supply, Replacement Well, Test Hole, Recharge Well, Dewatering Well, Observation and/or Monitoring Hole, Alteration (Construction), Abandoned, Insufficient Supply, Abandoned, Poor Water Quality, Abandoned, other, specify, Other, specify

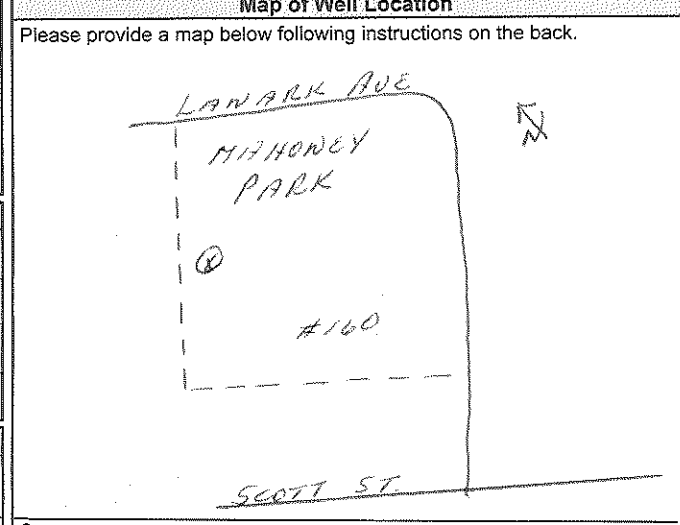
Construction Record - Screen table with columns: Outside Diameter (cm/in), Material (Plastic, Galvanized, Steel), Slot No., Depth (m/ft) From, To

Water Details and Hole Diameter tables. Water Details: Water found at Depth, 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 (Capital Water Supply Ltd.), Well Contractor's Licence No. (1558), Business Address (Street Number/Name) (Box 490), Municipality (Stittsville), Province (Ontario), Postal Code (K2S1A6), Business E-mail Address (office@capitalwater.ca), Name of Well Technician (Last Name, First Name) (Miller, Stephen)

Well Technician's Licence No. (00097), Signature of Technician and/or Contractor, Date Submitted (20170505)

Results of Well Yield Testing table with columns: Draw Down (Time (min), Water Level (m/ft)), Recovery (Time (min), Water Level (m/ft)). Includes checkboxes for water test results and pumping rate.



Comments:

Ministry Use Only: Audit No. (2256707), Date Package Delivered, Date Work Completed (20170504), Received (JUL 24 2017)



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

Measurements recorded in: [X] Metric [] Imperial

Well Owner's Information

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

Well Location

Address of Well Location (Street Number/Name): 160 Lanark Ave.
Township: Ottawa
City/Town/Village: Ottawa
Province: Ontario
Postal Code: K1P1J1
Telephone No. (inc. area code): 613 580 2400

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes entry: Installed 6/9/2016, MW-16-05

Annular Space

Table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Entry: 5.79, 0, Grouted 3/8 inch Bentonite Hole Plug

Results of Well Yield Testing

Table with columns: After test of well yield, water was; Draw Down (Time, Water Level); Recovery (Time, Water Level); Pumping rate; Duration of pumping; Final water level end of pumping; If flowing give rate; Recommended pump depth; Recommended pump rate; Well production; Disinfected?

Method of Construction

Method of Construction: [] Cable Tool, [] Rotary (Conventional), [] Rotary (Reverse), [] Boring, [] 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

Table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To; Status of Well: [] Water Supply, [] Replacement Well, [] Test Hole, [] Recharge Well, [] Dewatering Well, [] Observation and/or Monitoring Hole, [] Alteration (Construction), [] Abandoned, Insufficient Supply, [] Abandoned, Poor Water Quality, [X] Abandoned, other, specify, [] Other, specify

Construction Record - Screen

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

Water Details

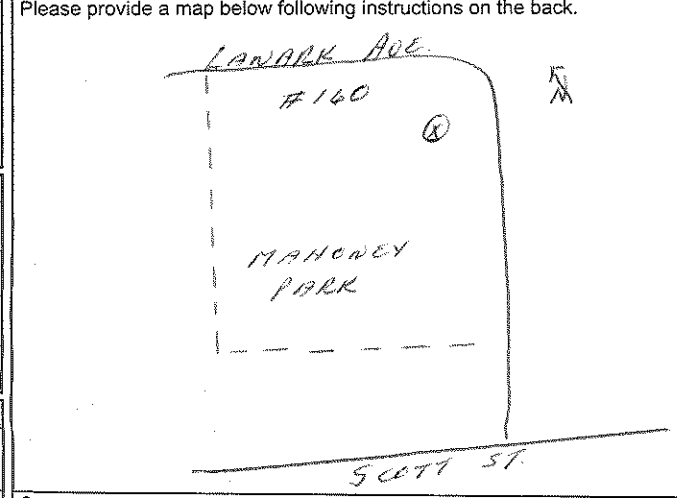
Table with columns: Water found at Depth (m/ft), Kind of Water: [] Fresh, [] Untested, [] Gas, [] Other, specify; Hole Diameter: Depth (m/ft) From, To, Diameter (cm/in)

Well Contractor and Well Technician Information

Business Name of Well Contractor: Capital Water Supply Ltd.
Well Contractor's Licence No.: 1 5 5 8
Business Address (Street Number/Name): Box 490
Municipality: Stittsville

Province: Ontario
Postal Code: K2S1A6
Business E-mail Address: office@capitalwater.ca
Name of Well Technician (Last Name, First Name): Miller, Stephen
Well Technician's Licence No.: 0 0 9 7
Date Submitted: 20170505

Map of Well Location



Comments:

Well owner's information package delivered: [X] Yes [] No
Date Package Delivered: YYY Y MM DD
Date Work Completed: 20170504
Ministry Use Only: Audit No. 2256708, JUL 24 2017



Measurements recorded in: Metric Imperial

A190913

Page ____ of ____

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, City of Ottawa, Mailing Address (Street Number/Name), Municipality, Province, Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entry: Installed 6/9/2016 MW-16-01

Annular Space

Table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³)

Results of Well Yield Testing

Table with columns: After test of well yield, water was, Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

Method of Construction

Well Use

Checkboxes for Method of Construction (Cable Tool, Rotary, Boring, etc.) and Well Use (Public, Commercial, etc.)

Construction Record - Casing

Status of Well

Table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status of Well (Water Supply, Replacement Well, etc.)

Construction Record - Screen

Table with columns: Outside Diameter, Material, Slot No., Depth, Status of Well (Abandoned, Poor Water Quality, etc.)

Water Details

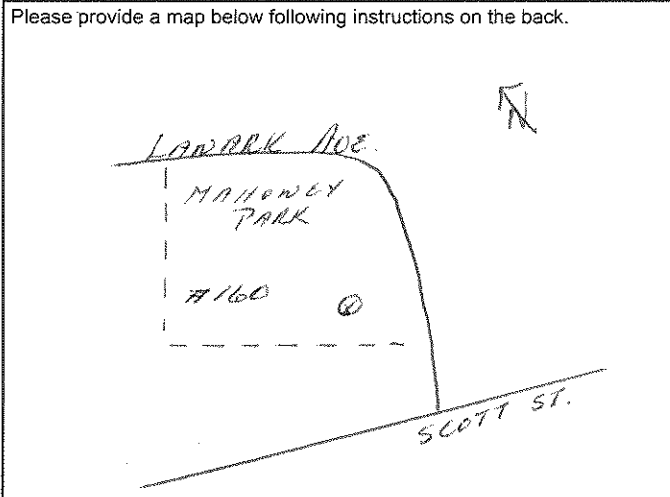
Hole Diameter

Table with columns: Water found at Depth, Kind of Water, Hole Diameter (Depth, Diameter)

Well Contractor and Well Technician Information

Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Name of Well Technician

Map of Well Location



Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted

Ministry Use Only: Audit No. 2256705, Received JUL 24 2017



A155785

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, City of Ottawa, 110 Laurier Ave. west, Ottawa, Ontario, K1P1J1, 613 580 2400

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates

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

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes entry: Installed 6/10/2016 MW-16-06

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³)

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, Recommended pump depth, Recommended pump rate, Well production, Disinfected?

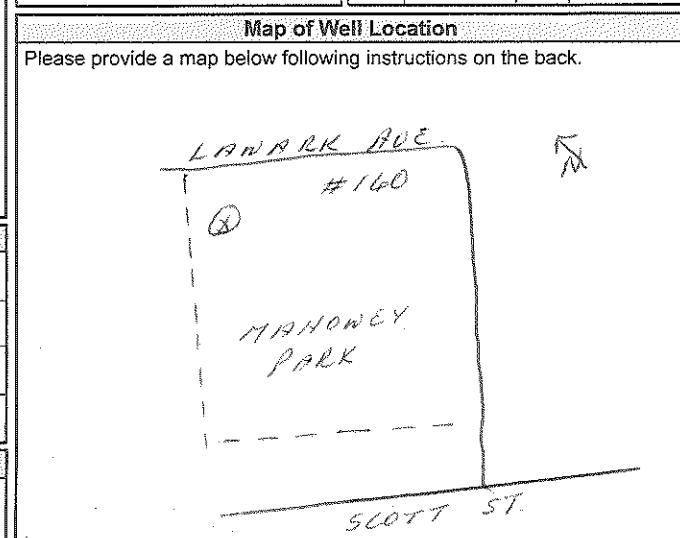
Method of Construction and Well Use checkboxes: Cable Tool, Rotary, Boring, Diamond, Jetting, Driving, Digging, Public, Commercial, Domestic, Municipal, Test Hole, Cooling & Air Conditioning, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To; Status of Well checkboxes: Water Supply, Replacement Well, Test Hole, etc.

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To; Status of Well checkboxes: Abandoned, Poor Water Quality, etc.

Water Details and Hole Diameter tables with columns: Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in)

Well Contractor and Well Technician Information: Business Name of Well Contractor, Well Contractor's Licence No., Business Address, Municipality, Province, Postal Code, Business E-mail Address, Name of Well Technician, Signature, Date Submitted



Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed

Ministry Use Only: Audit No. 2256709, JUL 24 2017, Received

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

[CAUTION]: This email originated outside the organisation.

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

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](tel:613-226-7381)

Cell: 613-240-4583

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March 28, 2023

Samuel Berube

Sent via email: SBerube@patersongroup.ca

Dear Samuel,

Re: Information Request
200 Clearview (including 210 Clearview) **Ottawa, Ontario** (“Subject Property”)

Internal Department Circulation:

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

- **Environmental Remediation Unit:** The City’s Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <https://ottawa.ca/en/city-hall/open-transparent-andaccountable-government/access-information-and-protection-privacy/accessinformation>
 - **Comment:** The Environmental Remediation Unit has a Phase I Environmental Site Assessment and Geotechnical Investigation for the western portion of this property (Paterson, 2022).
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website: <https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide](#)."

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the

HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

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

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

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Adwoa Achireko
STUDENT PLANNER

Per:

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

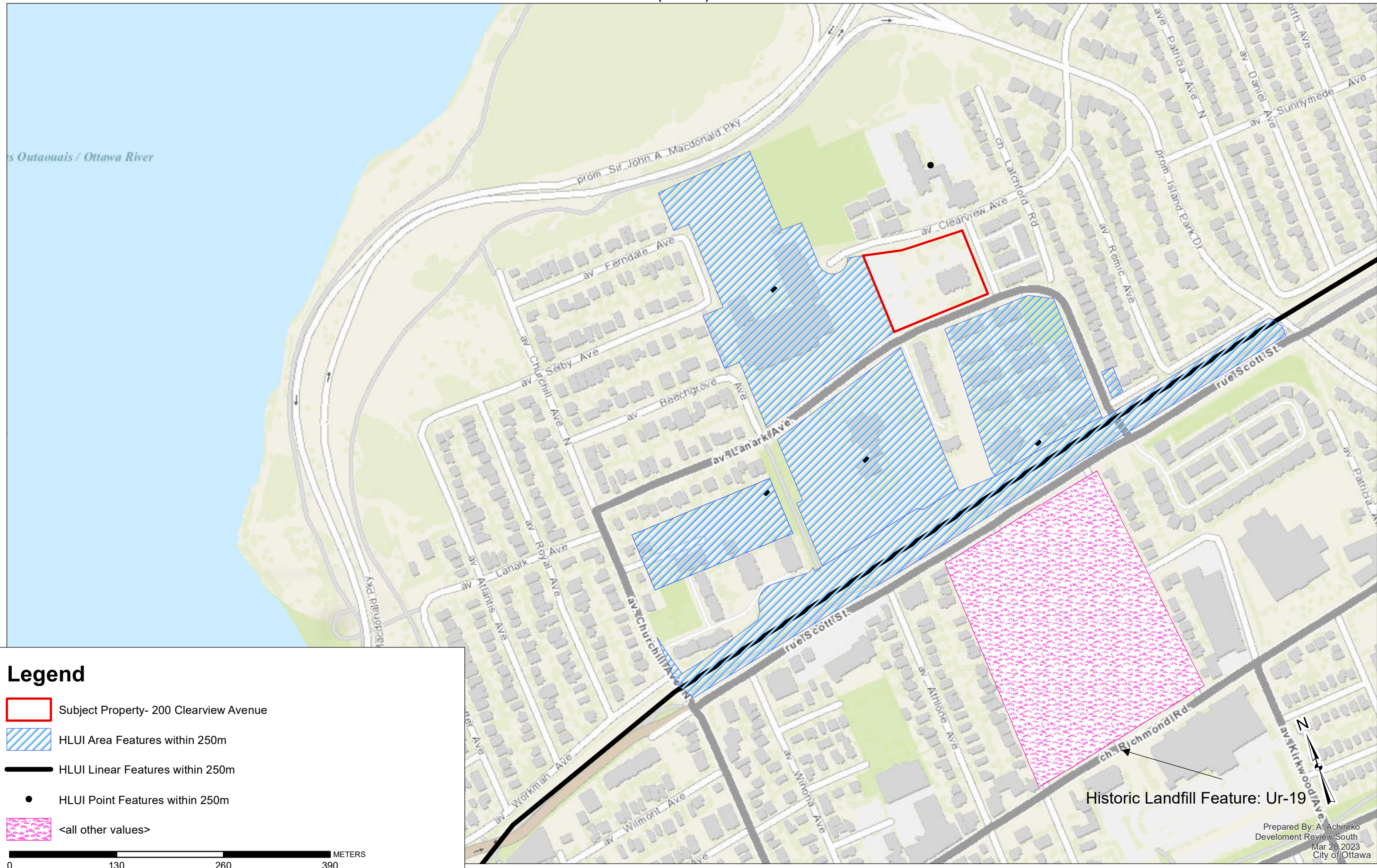
MB / AA

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0040

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP





DATABASE REPORT

Project Property: *PE5751 - Phase I - ESA
210 Clearview Avenue
Ottawa ON K1Z 8M2
54702*

Project No: *54702*

Report Type: *Standard Report*

Order No: *22051800306*

Requested by: *Paterson Group Inc.*

Date Completed: *May 24, 2022*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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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

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

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

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

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

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 <i>Well ID: 7290746</i>	E/183.9	-0.09	50
16	WWIS		160 LANARK AVENUE Ottawa ON <i>Well ID: 7290748</i>	E/184.8	-0.08	52
17	WWIS		60 LANARK AVENUE Ottawa ON <i>Well ID: 7265950</i>	ESE/185.0	-0.07	54
18	WWIS		160 LANARK AVENUE Ottawa ON <i>Well ID: 7265948</i>	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.

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

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

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.

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

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

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.

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

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

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

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

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

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

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

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

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

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

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	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
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	200 Clearview Ave Ottawa ON	ENE	30.96	1

	195 Clearview Dr. Ottawa ON	NNE	136.73	7
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	281 Lanark Ave Ottawa ON	WSW	183.50	14
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CBRE <UNOFFICIAL>	281 Lanark Avenue Ottawa ON K1Z 6R8	WSW	183.50	14
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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.

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

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

Well ID: 7290747

160 LANARK AVENUE E 180.76 [13](#)
Ottawa ON

Well ID: 7265951

160 LANARK AVENUE E 183.91 [15](#)
Ottawa ON

Well ID: 7290746

160 LANARK AVENUE E 184.80 [16](#)
Ottawa ON

Well ID: 7290748

60 LANARK AVENUE ESE 185.01 [17](#)
Ottawa ON

Well ID: 7265950

160 LANARK AVENUE E 185.40 [18](#)
Ottawa ON

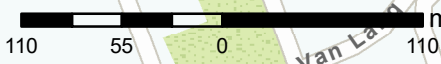
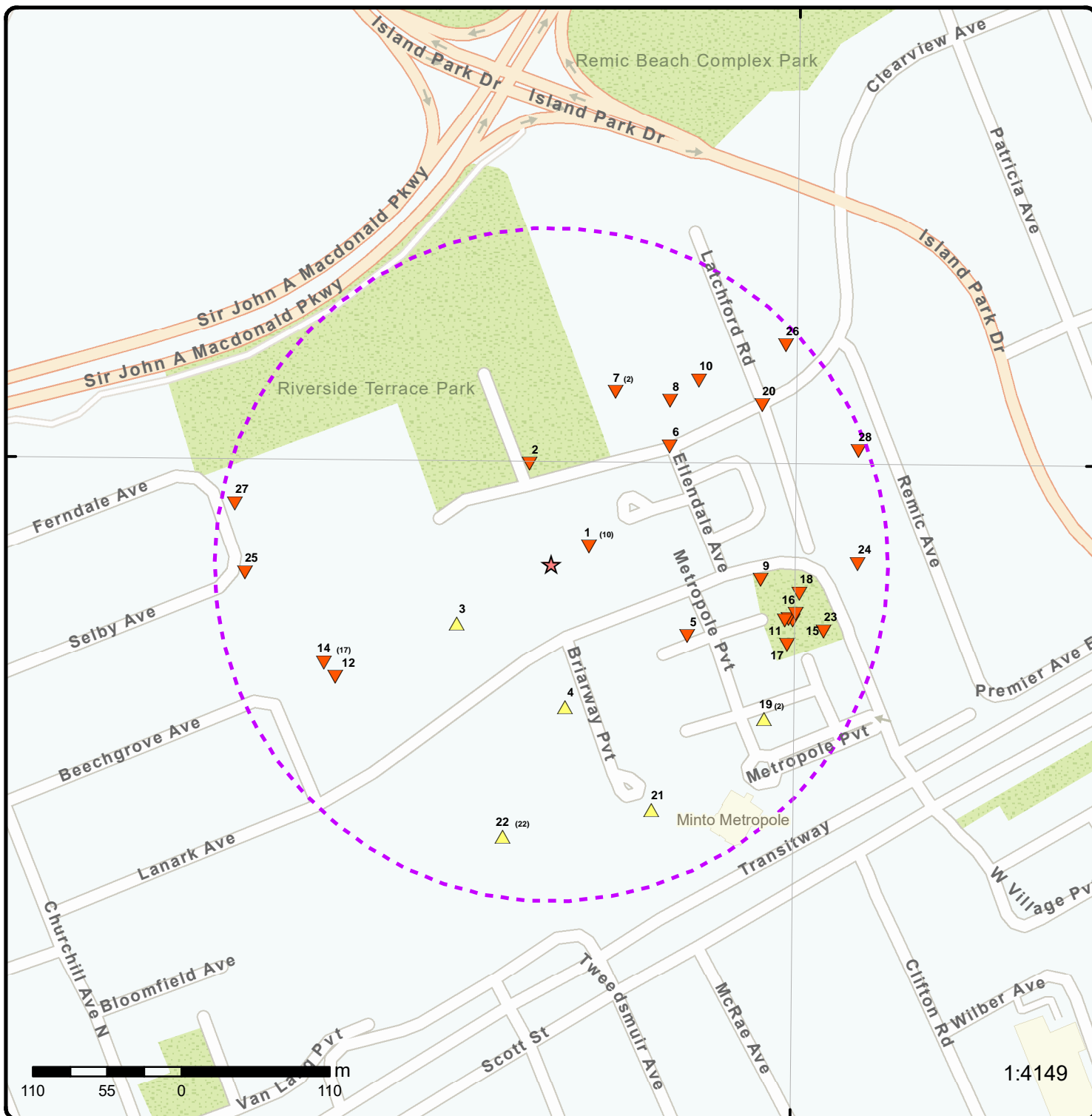
Well ID: 7265948

160 LANARK AVENUE E 208.14 [23](#)
Ottawa ON

Well ID: 7265949

ON NE 238.09 [26](#)

Well ID: 7365000



1:4149

Map: 0.25 Kilometer Radius

Order Number: 22051800306

Address: 210 Clearview Avenue, Ottawa, ON



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

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

© ERIS Information Limited Partnership

75°46'30"W

75°45'W

75°43'30"W

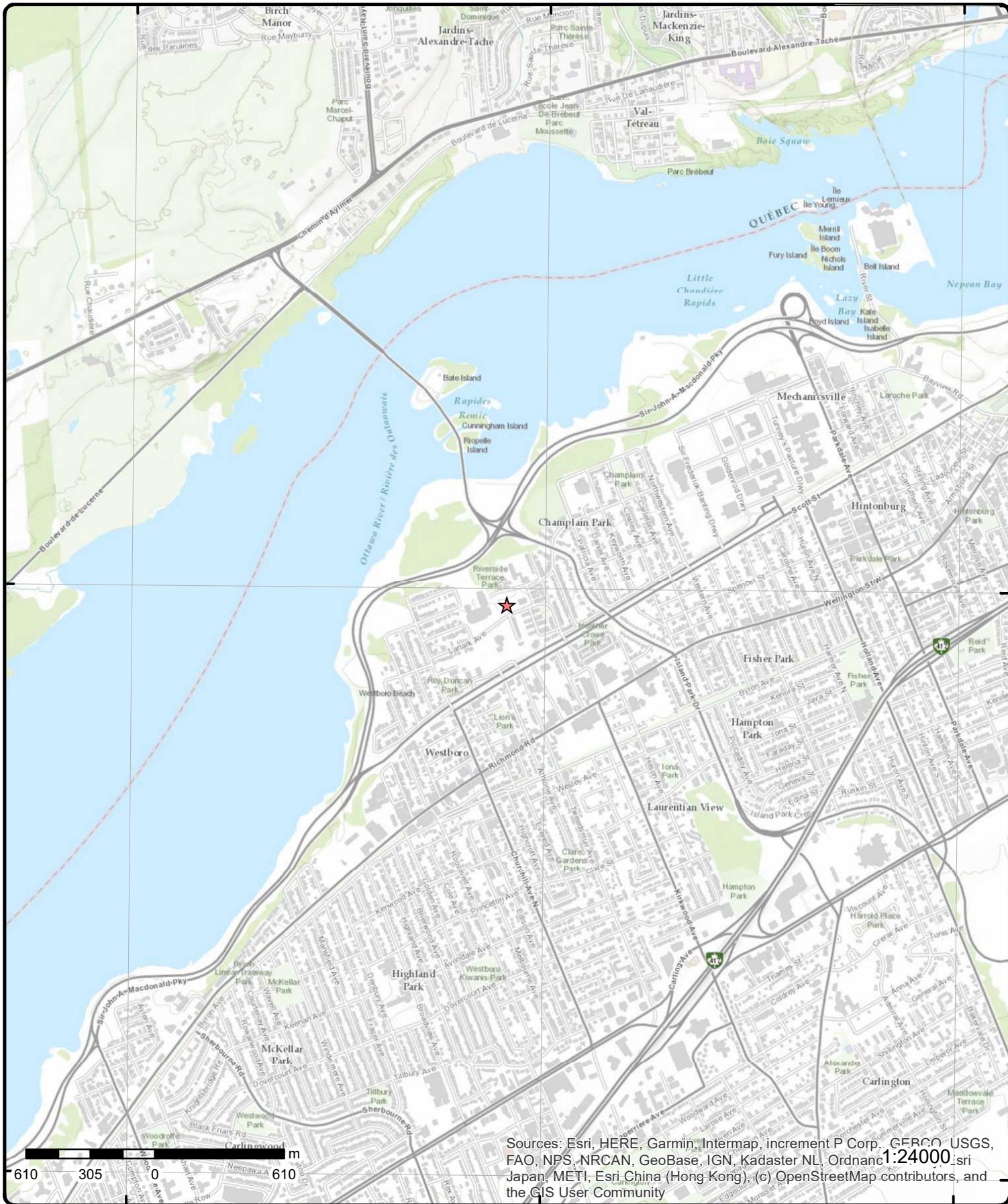
45°25'30"N

45°24'N

45°24'N

45°22'30"N

45°22'30"N



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

Topographic Map

Order Number: 22051800306

Address: 210 Clearview Avenue, ON



Source: ESRI World Topographic Map

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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:			
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:			
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:			
<u>Detail(s)</u>					
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			
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: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	38 REFRIGERANT GAS, N.O.S. Air No 2016/11/28 Material Failure - Poor Design/Substandard Material Residential apartment building<UNOFFICIAL> ITP Investments 192.8 kg R134 to atm 192.8 kg			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: Source Type:	200 Clearview Ave Ottawa Air Spills - Gases and Vapours	

<u>1</u>	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: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON7720144 532310 GENERAL RENTAL CENTRES 2016 Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Alana Bidgood CO_OFFICIAL 6137294347 Ext. No No
Detail(s)					
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
Waste Class: Waste Class Desc:	241 HALOGENATED SOLVENTS				
Waste Class: Waste Class Desc:	221 LIGHT FUELS				

<u>1</u>	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: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON7720144 532310 GENERAL RENTAL CENTRES 2015 Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Alana Bidgood CO_OFFICIAL 6137294347 Ext. No No
Detail(s)					
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
Waste Class: Waste Class Desc:	241 HALOGENATED SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
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			Status:	
SIC Code:	532310			Co Admin:	Alana Bidgood
SIC Description:	GENERAL RENTAL CENTRES			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	6137294347 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
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			
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			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
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)			
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			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
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			
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			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Apr 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
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			
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:					
3	1 of 1	WSW/82.5	59.9 / 0.03		BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
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:					
<u>Borehole Geology Stratum</u>					
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		BEDROCK. WEATHERED.		Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 055860 NTS_Sheet: 31G05F Logged by professional. Exact and complete description of material and properties.		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada		Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	

<u>4</u>	1 of 1	S/106.1	60.9 / 0.99	205 LANARK AVE. OTTAWA ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	7240886 Monitoring and Test Hole 0 Test Hole Z198253 A173740		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/5/2015 TRUE 7241 7 205 LANARK AVE. OTTAWA NEPEAN TOWNSHIP	
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:	2015/04/17 2015 12.19 45.3983615642599 -75.7521540155912				

Bore Hole Information

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

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Plug ID:		1005603434			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005603436			
Layer:		3			
Plug From:		8.84000015258789			
Plug To:		12.1899995803833			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005603433			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005603423			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			
<u>Water Details</u>					
Water ID:		1005603428			
Layer:					
Kind Code:					
Kind:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005603426			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		1.8300000429153442			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005603427			
Diameter:		7.619999885559082			
Depth From:		1.8300000429153442			
Depth To:		12.1899995803833			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>5</u>	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:					
<u>6</u>	1 of 1	NE/124.1	58.9 / -1.04	UNIFORM DEVELOPMENT CORPORATION CLEARVIEW AVE/ELLEDALE 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:	
<u>Detail(s)</u>					
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				
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006730643			
Layer:		1			
Plug From:		7.920000076293945			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006730642			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006730636			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006730640			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006730641			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1006730639			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006730638			
Diameter:					
Depth From:					
Depth To:					

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

10	1 of 1	NE/175.2	58.6 / -1.34	ON	BORE
Borehole ID:	613094			Inclin FLG:	No
OGF ID:	215514398			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	1966			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.40055
Total Depth m:	6.7			Longitude DD:	-75.75091
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	441231
Drill Method:				Northing:	5027722
Orig Ground Elev m:	58.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	58.1				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218393683			Mat Consistency:	
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	3.7			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.				
Geology Stratum ID:	218393684			Mat Consistency:	
Top Depth:	3.7			Material Moisture:	
Bottom Depth:	5.3			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:	218393681			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Soil			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL.				
Geology Stratum ID:	218393682			Mat Consistency:	
Top Depth:	.7			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	2.3 Bedrock			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218393685 5.3 6.7 Bedrock			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
		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: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 056020 NTS_Sheet: 31G05F Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
	Urban Geology Automated Information System (UGAIS) Geological Survey of Canada				
11	1 of 1	E/178.1	59.8 / -0.09	160 LANARK AVENUE Ottawa ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:	7290747 Abandoned-Other			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	7/24/2017 TRUE Yes 1558 7 160 LANARK AVENUE OTTAWA OTTAWA CITY

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Clear/Cloudy:</i>					
<i>PDF URL (Map):</i>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7290747.pdf			
<u>Additional Detail(s) (Map)</u>					
<i>Well Completed Date:</i>	2017/05/04				
<i>Year Completed:</i>	2017				
<i>Depth (m):</i>					
<i>Latitude:</i>	45.3989512922736				
<i>Longitude:</i>	-75.7500792082091				
<i>Path:</i>	729\7290747.pdf				
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1006640104			<i>Elevation:</i>	
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>				<i>East83:</i>	441294.00
<i>Code OB Desc:</i>				<i>North83:</i>	5027544.00
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	4
<i>Date Completed:</i>	04-May-2017 00:00:00			<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>	1006730627				
<i>Layer:</i>	1				
<i>Plug From:</i>	5.789999961853027				
<i>Plug To:</i>	0.0				
<i>Plug Depth UOM:</i>	m				
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>	1006730623				
<i>Method Construction Code:</i>					
<i>Method Construction:</i>					
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>	1006730617				
<i>Casing No:</i>	0				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	1006730621				
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					

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

[12](#)

1 of 1

WSW/180.6

59.9 / -0.03

ON

BORE

Borehole ID: 613071

OGF ID: 215514375

Status:

Type: Borehole

Use:

Completion Date: OCT-1962

Static Water Level:

Primary Water Use:

Sec. Water Use:

Total Depth m: 3.7

Depth Ref: Ground Surface

Depth Elev:

Drill Method:

Orig Ground Elev m: 59.6

Elev Reliabil Note:

DEM Ground Elev m: 60.2

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: 45.398547

Longitude DD: -75.754333

UTM Zone: 18

Easting: 440961

Northing: 5027502

Location Accuracy:

Accuracy: Not Applicable

Borehole Geology Stratum

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218393564			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:	218393565			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILT.			
Geology Stratum ID:	218393566			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	2.3			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. FISSURED.			
Geology Stratum ID:	218393567			Mat Consistency:	Dense
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	3.7			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. BEDROCK. DENSE. BEDROCK. BEDROCK. 00000 015 00025 015 00040 018			**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: 055790 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		

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):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2016/06/10 Year Completed: 2016 Depth (m): 7.62 Latitude: 45.3989605444922 Longitude: -75.7500409999745 Path:					
<u>Bore Hole Information</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1006128695 Layer: 2 Color: 2 General Color: GREY Mat1: 15					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128706			
Layer:		3			
Plug From:		4.269999980926514			
Plug To:		7.619999885559082			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128705			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		4.269999980926514			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128704			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006128703			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
	Pipe ID:	1006128693			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1006128699			
	Layer:	1			
	Material:	5			
	Open Hole or Material:	PLASTIC			
	Depth From:	0.0			
	Depth To:	4.570000171661377			
	Casing Diameter:	5.19999809265137			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1006128700			
	Layer:	1			
	Slot:	10			
	Screen Top Depth:	4.570000171661377			
	Screen End Depth:	7.61999885559082			
	Screen Material:	5			
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:	6.03000020980835			
<u>Water Details</u>					
	Water ID:	1006128698			
	Layer:				
	Kind Code:				
	Kind:				
	Water Found Depth:				
	Water Found Depth UOM:	m			
<u>Hole Diameter</u>					
	Hole ID:	1006128696			
	Diameter:	11.430000305175781			
	Depth From:	0.0			
	Depth To:	1.5			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
<u>Hole Diameter</u>					
	Hole ID:	1006128697			
	Diameter:	7.61999885559082			
	Depth From:	1.5			
	Depth To:	7.61999885559082			
	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 #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		3-0798-92- 92 7/7/1992 Municipal sewage Approved			
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: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON0375221 8511 ELEMNT./SECON. EDUC. 86,87,88,89		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
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: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON0375221 8511 ELEMNT./SECON. EDUC. 90		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: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON0375221 8511 ELEMNT./SECON. EDUC. 92,93,94,95,96,97		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: ELEM./SECON. EDUC. Approval Years: 98 PO Box No: Country:		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:			

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: ELEM./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

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: ELEM./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			

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
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Generator No:	ON1285702	Status:	
SIC Code:	8511	Co Admin:	
SIC Description:	ELEMT./SECON. EDUC.	Choice of Contact:	
Approval Years:	01	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		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

14	9 of 17	WSW/183.5	59.9 / -0.03	Province of Ontario 281 Lanark Ave. Ottawa ON K1Z 6R8	GEN
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Generator No:	ON1466775	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: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

14	10 of 17	WSW/183.5	59.9 / -0.03	281 Lanark Avenue Ottawa ON K1Z 6R8	EHS
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Order No:	20080610031	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Complete Report	Client Prov/State:	ON
Report Date:	6/19/2008	Search Radius (km):	0.25
Date Received:	6/10/2008	X:	-75.754029
Previous Site Name:		Y:	45.398901
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Title Search		

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 281 LANARK AVENUE OTTAWA ON K1Z 6R8	GEN
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:	
<u>Detail(s)</u>					
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> 281 Lanark Avenue Ottawa ON K1Z 6R8	SPL
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. 281 LANARK AVENUE OTTAWA ON K1Z 6R8	GEN
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
<u>Detail(s)</u>					
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			
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			Status:	
SIC Code:	611110			Co Admin:	
SIC Description:	Elementary and Secondary Schools			Choice of Contact:	
Approval Years:	2011			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
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			
14	15 of 17	WSW/183.5	59.9 / -0.03	281 Lanark Ave Ottawa ON K1Z6R8	EHS
Order No:	20160623049			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	RSC Report - Quote			Client Prov/State:	ON
Report Date:	30-JUN-16			Search Radius (km):	.3
Date Received:	23-JUN-16			X:	-75.754155
Previous Site Name:				Y:	45.399367
Lot/Building Size:					
Additional Info Ordered:					
14	16 of 17	WSW/183.5	59.9 / -0.03	281 Lanark Ave Ottawa ON	SPL
Ref No:	2653-AAVN9F			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/06/13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A

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

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:	5684626.57959998
Full Address:					
Approval Type:	EASR-Standby Power System				
SWP Area Name:	Rideau Valley				
PDF URL:					
PDF Site Location:					

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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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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	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	441300.00
Code OB Desc:		North83:	5027544.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04-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: 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:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006730614			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1006730612			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006730611			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

16	1 of 1	E/184.8	59.8 / -0.08	160 LANARK AVENUE Ottawa ON	WWIS
Well ID:		7290748		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:		Z256705		Owner:	
Tag:		A190913		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\7290748.pdf			

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		2017/05/04			
Year Completed:		2017			
Depth (m):					
Latitude:		45.3989969660489			
Longitude:		-75.749977597401			
Path:		729\7290748.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1006640119			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	441302.00
Code OB Desc:				North83:	5027549.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	04-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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1006730635				
Layer:	1				
Plug From:	5.789999961853027				
Plug To:	0.0				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1006730634				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1006730628				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1006730632				
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1006730633			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1006730631			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.7500515130776			
Path:					
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006128634				
Layer:	1				
Color:	6				
General Color:	BROWN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128645			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128647			
Layer:		3			
Plug From:		1.6799999475479126			
Plug To:		4.880000114440918			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128646			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		1.6200000047683716			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006128644			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006128633			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006128640			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		1.8300000429153442			
Casing Diameter:		5.19999809265137			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
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			
<u>Water Details</u>					
Water ID:		1006128639			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006128637			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006128638			
Diameter:		7.619999885559082			
Depth From:		1.5199999809265137			
Depth To:		4.880000114440918			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

18	1 of 1	E/185.4	59.8 / -0.08	160 LANARK AVENUE Ottawa ON	WWIS
Well ID:		7265948		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:		Z229830		Owner:	
Tag:		A190916		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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		PACKED			
Formation Top Depth:		2.440000057220459			
Formation End Depth:		5.789999961853027			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128615			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128617			
Layer:		3			
Plug From:		2.440000057220459			
Plug To:		5.789999961853027			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128616			
Layer:		2			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug From:</i>		0.3100000023841858			
<i>Plug To:</i>		2.440000057220459			
<i>Plug Depth UOM:</i>		m			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1006128614			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1006128602			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006128610			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		2.740000009536743			
<i>Casing Diameter:</i>		5.199999809265137			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1006128611			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		2.740000009536743			
<i>Screen End Depth:</i>		5.289999961853027			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		6.03000020980835			
<u>Water Details</u>					
<i>Water ID:</i>		1006128609			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1006128607			
<i>Diameter:</i>		11.430000305175781			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		2.440000057220459			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1006128608			
Diameter:		7.619999885559082			
Depth From:		2.440000057220459			
Depth To:		5.789999961853027			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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:					
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		MOE District:	
Approval Date:		2003-09-30		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	
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:					
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:					
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			
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		Status:	
SIC Code:		4811		Co Admin:	
SIC Description:		RADIO BROADCASTING		Choice of Contact:	
Approval Years:		86,87		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
Detail(s)					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
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		Status:	
SIC Code:		4811		Co Admin:	
SIC Description:		RADIO BROADCASTING		Choice of Contact:	
Approval Years:		88,89,90		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				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			Status:	
SIC Code:	4811			Co Admin:	
SIC Description:	RADIO BROADCASTING			Choice of Contact:	
Approval Years:	92,93,95,96,97			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
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				
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			Status:	
SIC Code:	4811			Co Admin:	
SIC Description:	RADIO BROADCASTING			Choice of Contact:	
Approval Years:	94			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
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				
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			Status:	
SIC Code:	4811			Co Admin:	
SIC Description:	RADIO BROADCASTING			Choice of Contact:	
Approval Years:	98,99,00,01			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	

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

<u>22</u>	6 of 22	SSW/204.7	61.9 / 2.05	ProFac -CBC Ottawa 250 Lanark Avenue Ottawa ON K1Y 1E4	GEN
Generator No:	ON0045402			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:	

<u>Detail(s)</u>					
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			

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

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			Status:	
SIC Code:	911910			Co Admin:	
SIC Description:	Other Federal Government Public Administration			Choice of Contact:	
Approval Years:	05,06,07,08			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
22	8 of 22	SSW/204.7	61.9 / 2.05	SNC Lavalin Profac Graham Spry Bldg. 250 Lanark Ave. Ottawa ON K1Z 1G4	GEN
Generator No:	ON6794727			Status:	
SIC Code:	531310			Co Admin:	
SIC Description:	Real Estate Property Managers			Choice of Contact:	
Approval Years:	07,08			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:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
22	9 of 22	SSW/204.7	61.9 / 2.05	Graham Spry Building, 250 Lanark Ave. <UNOFFICIAL> Ottawa ON K1Z 1G4	SPL
Ref No:	4442-84VW5X			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Cooling System Leak			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/26/2010			Site Map Datum:	
Dt Document Closed:	4/30/2010			SAC Action Class:	Air Spills - Fires
Incident Reason:	Equipment Failure - Malfunction of system components			Source Type:	
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:					
22	10 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			Status:	
SIC Code:	911910			Co Admin:	
SIC Description:	Other Federal Government Public			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: PO Box No: Country:	Administration 2009			Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	112 ACID WASTE - HEAVY METALS				
Waste Class: Waste Class Desc:	121 ALKALINE WASTES - HEAVY METALS				
Waste Class: Waste Class Desc:	122 ALKALINE WASTES - OTHER METALS				
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	146 OTHER SPECIFIED INORGANICS				
Waste Class: Waste Class Desc:	148 INORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	211 AROMATIC SOLVENTS				
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVENTS				
Waste Class: Waste Class Desc:	242 HALOGENATED PESTICIDES				
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	264 PHOTOPROCESSING WASTES				
Waste Class: Waste Class Desc:	331 WASTE COMPRESSED GASES				

<u>22</u>	11 of 22	SSW/204.7	61.9 / 2.05	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON K1Z 1G4	GEN
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Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON8507466 911910 Other Federal Government Public Administration 2010	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:
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Detail(s)

Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS
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<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i> <i>Waste Class Desc:</i>		242 HALOGENATED PESTICIDES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		212 ALIPHATIC SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		211 AROMATIC SOLVENTS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		112 ACID WASTE - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		148 INORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		121 ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 WASTE COMPRESSED GASES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 ORGANIC LABORATORY CHEMICALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		264 PHOTOPROCESSING WASTES			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		146 OTHER SPECIFIED INORGANICS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		122 ALKALINE WASTES - OTHER METALS			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		145 PAINT/PIGMENT/COATING RESIDUES			

<u>22</u>	12 of 22	SSW/204.7	61.9 / 2.05	SNC-Lavalin Constructors (Pacific) Inc. 250 Lanark Avenue Ottawa ON	SPL
<i>Ref No:</i>	3623-97CPVK			<i>Discharger Report:</i>	
<i>Site No:</i>				<i>Material Group:</i>	
<i>Incident Dt:</i>	03-MAY-13			<i>Health/Env Conseq:</i>	
<i>Year:</i>				<i>Client Type:</i>	
<i>Incident Cause:</i>	Leak/Break			<i>Sector Type:</i>	Other
<i>Incident Event:</i>				<i>Agency Involved:</i>	
<i>Contaminant Code:</i>	38			<i>Nearest Watercourse:</i>	
<i>Contaminant Name:</i>	REFRIGERANT GAS, N.O.S.			<i>Site Address:</i>	250 Lanark Avenue
<i>Contaminant Limit 1:</i>				<i>Site District Office:</i>	
<i>Contam Limit Freq 1:</i>				<i>Site Postal Code:</i>	
<i>Contaminant UN No 1:</i>				<i>Site Region:</i>	
<i>Environment Impact:</i>	Not Anticipated			<i>Site Municipality:</i>	Ottawa
<i>Nature of Impact:</i>	Air Pollution			<i>Site Lot:</i>	
<i>Receiving Medium:</i>				<i>Site Conc:</i>	
<i>Receiving Env:</i>				<i>Northing:</i>	
<i>MOE Response:</i>	No Field Response			<i>Easting:</i>	
<i>Dt MOE Arvl on Scn:</i>				<i>Site Geo Ref Accu:</i>	
<i>MOE Reported Dt:</i>	03-MAY-13			<i>Site Map Datum:</i>	
<i>Dt Document Closed:</i>				<i>SAC Action Class:</i>	Air Spills - Gases and Vapours
<i>Incident Reason:</i>	Material Failure & Poor Design/Substandard Material			<i>Source Type:</i>	
<i>Site Name:</i>	Roof-top Cooling Unit<UNOFFICIAL>				
<i>Site County/District:</i>					
<i>Site Geo Ref Meth:</i>					
<i>Incident Summary:</i>	SNC Lavalin: unknown qty 134A refrigerant to atm				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Qty:		110 kg			
22	13 of 22	SSW/204.7	61.9 / 2.05	SNC LAVALIN O & M 250 LANARK AVENUE OTTAWA ON	GEN
Generator No:	ON6726585			Status:	
SIC Code:	911910			Co Admin:	
SIC Description:	Other Federal Government Public Administration			Choice of Contact:	
Approval Years:	2012			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
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			Status:	
SIC Code:	911910			Co Admin:	
SIC Description:	Other Federal Government Public Administration			Choice of Contact:	
Approval Years:	2012			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			

22	15 of 22	SSW/204.7	61.9 / 2.05	CANADIAN BROADCASTING CORPORATION 250 Lanark Ave. Ottawa ON K1Z6R5	NPRI
NPRI ID:	8800000505			Org ID:	
Other ID:				Submit Date:	
No Other ID:				Last Modified:	
Track ID:				Contact ID:	
Report ID:				Cont Type:	MED
Report Type:				Contact Title:	
Rpt Type ID:				Cont First Name:	J. Dennis
Report Year:	2004			Cont Last Name:	Graham
Not-Current Rpt?:				Contact Position:	Manager, Safety & Environment
Yr of Last Filed Rpt:				Contact Fax:	
Fac ID:				Contact Ph.:	
Fac Name:	CBC LANARK			Cont Area Code:	416
Fac Address1:				Contact Tel.:	2053288
Fac Address2:				Contact Ext.:	
Fac Postal Zip:				Cont Fax Area Cde:	416
Facility Lat:				Contact Fax:	2057676
Facility Long:				Contact Email:	dennis_graham@cbc.ca
DLS (Last Filed Rpt):				Latitude:	
Facility DLS:				Longitude:	
Datum:				UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	50			Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
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)				

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					

22	16 of 22	SSW/204.7	61.9 / 2.05	Public Works and Government Services Canada 250 Lanark Ave Ottawa ON	GEN
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Generator No:	ON8507466	Status:
SIC Code:	911910	Co Admin:
SIC Description:		Choice of Contact:
Approval Years:	2013	Phone No Admin:
PO Box No:		Contam. Facility:
Country:		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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
22	17 of 22	SSW/204.7	61.9 / 2.05	250 Lanark Ave Ottawa ON K1Z1G4	EHS
Order No:	20150303038			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	06-MAR-15			Search Radius (km):	.25
Date Received:	03-MAR-15			X:	-75.752721
Previous Site Name:				Y:	45.397494
Lot/Building Size:					
Additional Info Ordered:	Topographic Maps				
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			Status:	
SIC Code:	911910			Co Admin:	Adam Cockburn
SIC Description:	911910			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	(613) 784-5198 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

22	19 of 22	SSW/204.7	61.9 / 2.05	BGIS 250 Lanark Avenue Ottawa ON K1Z 1G5	GEN
Generator No:	ON6926112			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			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

22	20 of 22	SSW/204.7	61.9 / 2.05	BGIS 250 Lanark Avenue Ottawa ON K1Z 1G5	GEN
Generator No:	ON6926112			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			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	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:	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

22	22 of 22	SSW/204.7	61.9 / 2.05	BGIS 250 Lanark Avenue Ottawa ON K1Z 1G5	GEN
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Generator No:	ON6926112	Status:	Registered
SIC Code:		Co Admin:	
SIC Description:		Choice of Contact:	
Approval Years:	As of Feb 2022	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:	Canada	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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Light fuels			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128632			
Layer:		3			
Plug From:		2.58999999141693115			
Plug To:		5.789999961853027			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128630			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006128631			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		2.5899999141693115			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006128629			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006128618			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
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			
<u>Water Details</u>					
Water ID:		1006128624			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006128623			
Diameter:		7.619999885559082			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		3.0999999046325684 5.789999961853027 m cm			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1006128622 11.430000305175781 0.0 3.0999999046325684 m cm			
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: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		2937974 10/5/2020 FS-Pipeline Incident Pipeline Damage Reason Est ENBRIDGE GAS INC 157 LANARK AVE,,OTTAWA,ON,K1Z 8P6,CA		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: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		0171-8UANES 2012-05-29 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Uniform Urban Developments Ltd. Selby Avenue and Ferndale Avenue https://www.accessenvironment.ene.gov.on.ca/instruments/4471-8T2PSH-14.pdf		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 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Z338145 Tag: A296265 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: Yes Data Src: Date Received: 8/14/2020 Selected Flag: TRUE Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 1008432356 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 13-May-2020 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: 441295.00 North83: 5027748.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
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 Approval Date: 2002-10-23 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley 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:		MOE District: Ottawa City: Longitude: -75.7553 Latitude: 45.3997 Geometry X: Geometry Y:			

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:

Incident No: 2910068

Incident Reported Dt: 8/20/2020

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: 234 REMIC AVE.,OTTAWA,ON,K1Z 5W5,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:

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: Watermain 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: **Scott Street (Parkdale to Merton) Ottawa ON**

Database:
CA

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
SELBY AVE. OTTAWA ON**

Database:
CA

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
BEECHGROVE AVENUE (SWM) OTTAWA CITY ON**

Database:
CA

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:
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:

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

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:
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:

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

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 grd		
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 Scrn:		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 / 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 is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 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

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: 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 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: 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: 4

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

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} **Senior Project Manager**

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/PROSSFEIONAL AFFILIATIONS

Ordre des Ingénieurs du Québec
Professional Engineers of Ontario
Ottawa Geotechnical Group

YEARS OF EXPERIENCE

Paterson Group
2020-Present

WSP Canada Inc.
2019-2020

National Research Council
2018-2019

Paterson Group
2011 – 2018

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- The Ottawa Hospital, Remediation of New Campus.
- 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 – 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.

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.