PATERSON GROUP

Phase I Environmental Site Assessment

1767 and 1773 Baseline Road
Ottawa, Ontario

Prepared for: Shiv Bhasker care of Phoenix Homes

PE6941-REP.01R1
October 7, 2025

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EXECUTIVE SUMMARY

Paterson Group was retained by Shiv Bhasker, care of Phoenix Homes, to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1767 and 1773 Baseline Road, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was originally used for agricultural purposes prior to approximately 1960, when it was developed for residential use. The property has remained residential use since that time. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The historical use of the surrounding lands consisted primarily of agricultural land use with some residential. Neighbouring properties in the Phase I Study Area were developed around the same period as the Phase I Property for predominantly residential purposes. While reviewing historical records a former automotive service garage was identified at 1827 Baseline Road. Based on the separation distance between this activity and the Phase I Property, this Potentially Contaminating Activity is not considered to pose an environmental concern for the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is currently developed with 2 two-storey residential dwellings with associated landscaped and parking areas. No potentially contaminating activities were identified at the time of the site inspection.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial use westward along Baseline Road. No potential environmental concerns were identified with respect to the neighbouring land use in the Phase I Study Area.

Based on the findings of this assessment, **it is our opinion that a Phase II – Environmental Site Assessment will not be required for the Phase I Property at this time.**

Recommendations

Based on the approximate age of the subject buildings (early 1960's and 1980s), asbestos containing building materials, lead based paints, and other designated substances may be present within the structures. Potential ACMs observed at the time of the site inspection includes linoleum, drywall joint compound, window caulking, suspended ceiling tiles, and stipple finish ceilings. These potential ACMs were noted to

be in good condition with the exception of drywall joint compound located in the garage of 1773 Baseline Road. Painted surfaces were also observed to be in good condition.

It is our understanding that the subject structures will be demolished in conjunction with future development. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act if one has not yet been completed.

1.0 INTRODUCTION

At the request of Phoenix Homes on Behalf of Shiv Bhasker, Paterson Group (Paterson) carried out a Phase I Environmental Site Assessment (Phase I ESA) for the properties addressed 1767 and 1773 Baseline Road, in Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I Property and Study Area and to identify any environmental concerns with the potential to have impacted the Phase I Property.

Paterson was engaged to conduct this Phase I ESA on behalf of Shiv Bhasker by Phoenix Homes. Phoenix Homes can be contacted at 18 Bentley Avenue, Ottawa, Ontario or by telephone at (613) 723-9227.

This Phase I-ESA report has been prepared under the supervision of a Qualified Person (QP_{ESA}) in general accordance with Ontario Regulation (O.Reg.) 153/04, as amended under the Environmental Protection Act, and 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:	1767, 1769 and 1773 Baseline Road, Ottawa, Ontario.
Legal Description:	Lot 351 and 352, Registered Plan 372115, City of Ottawa, Ontario.
PIN:	03993-0171 and 03993-0172
Location:	The Phase I Property is located on the north side of Baseline Road, approximately 200m east of the intersection of Baseline Road and Navaho Drive, in the City of Ottawa, Ontario. For the purposes of this report, Baseline Road is considered to run east-west. Refer to Figure 1 - Key Plan for the site location.
Latitude and Longitude:	45° 21’ 20.5” N, 75° 45’ 13.5” W

Site Description:

Configuration:	Irregular
Site Area:	1,100 m² (approximate).
Zoning:	R2F - Residential Second Density
Current Use:	The site is occupied by 2 two-storey residential dwellings with associated landscaped and parking areas.
Services:	The Phase I Property is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

- ❒ Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies.

- ❒ Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance.

- ❒ Conduct interviews with persons knowledgeable of current and historic operations on the subject properties, and if warranted, neighbouring properties.

- ❒ Present the results of our findings in a comprehensive report in general accordance with the requirements of 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 250m was determined to be appropriate as a Phase I Study Area for this assignment. Properties outside the 250m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

Based on the aerial photographs, the first developed use of the property is residential, in approximately 1960.

Fire Insurance Plans

The 1965 Fire insurance plans (FIPs) are available for the western portion of the Phase I Property (1773 Baseline Road) and properties west of the Phase I Property along Baseline Road. These plans identify 1773 Baseline Road as a two-storey building with a brick veneer and a patent roof. No further information is provided for the Phase I Property or any properties to the north, east or south.

At 1815 Baseline Road, immediately west of the Phase I Property, the present-day residential apartment buildings are depicted. Each is depicted with multiple elevators and a boiler. The activities associated with these apartments are not considered to pose an environmental concern to the Phase I Property. Approximately 160m west of the Phase I Property at 1827 Baseline Road, an automotive service garage is identified with an associated underground gasoline storage tank (UST). Based on the separation distance and the inferred western groundwater flow direction, this UST and the historical auto service activities associated with this property are not considered to pose an environmental concern to the Phase I Property.

City of Ottawa Street Directories

City directories within the vicinity of the Phase I Property were reviewed from the first listed date to 2011 (last listed year), in approximate 10-year intervals. The Phase I Property was first listed as residential in 1965 and remained listed as residential through 2011.

The neighbouring properties within the Phase I study area were primarily used for residential purposes, with some commercial activities along Baseline Road.

The nearest commercial property is 1827 Baseline Road, approximately 160m to the west of the Phase I Property, which was listed as Scotty's Service Station in the 1970's. No other commercial properties were identified through the City of Ottawa directories within the Phase I Study Area.

Based on the separation distance and the downgradient orientation with respect to the Phase I Property, the former automotive service garage at 1827 Baseline Road is not considered to pose a potential environmental concern for the Phase I Property.

Chain of Title

A chain of title was not acquired as part of this assessment as it is believed that no new information would be ascertained.

Survey Plan

A survey plan was not acquired as part of this assessment as it was believed that no new information would be ascertained.

Environmental Reports

A review of our previous engineering reports identified one previous report completed in 2022 for a property within the Phase I Study Area. No environmental concerns were identified with this property and a Phase II Environmental Site Assessment was not recommended.

No other pertinent reports were reviewed as part of this assessment.

4.2 Environmental Source Information

Environment Canada's National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on March 6, 2025. No records were found in the NPRI database for properties within the Phase I Study Area.

Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of the Environment, Conservation and Parks (MECP) document entitled "Ontario Inventory of PCB Storage Sites October 1991" was reviewed as part of this Phase I-ESA. A search of provincial PCB waste storage sites was conducted on March 11, 2025. No PCB waste storage sites were identified within the Phase I Study Area.

MECP Waste Disposal Site Inventory

The MECP document entitled, "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of this Phase I-ESA. This document included all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

Based on the document review, no active or former waste disposal sites were identified on the Phase I Property or within 250m of the Phase I Property.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the Phase I 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 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. No relevant records were returned which were responsive to this request. A copy of this records request has been appended to this report.

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 Property or any of the neighbouring properties. No relevant records were returned which were responsive to this request. A copy of this records request has been appended to this report.

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. No relevant records were returned which were responsive to this request. A copy of this records request has been appended to this report.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted on March 6, 2025, as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2025. No RSCs were filed within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically on February 7, 2025, as part of this assessment, to inquire about current and former fuel storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties within the Phase I Study Area.

The response from the TSSA identified a record of propane cylinder exchanges for the property addressed 1827 Baseline Road. Propane gas is not considered to pose a potential environmental concern for the Phase I Property.

A copy of the TSSA correspondence is provided in the Appendix.

OMNRF Areas of Natural and Scientific Interest (ANSI)

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property or within the Phase I Study Area.

City of Ottawa Old Landfill Sites

The City of Ottawa's Former Landfills online map, last updated September 12, 2024, was reviewed as part of this assessment. This map is based on the document prepared by Golder Associates entitled, "Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa", which provides the details and locations of all recorded active and closed landfill sites situated in the City of Ottawa and is updated as required.

A review of this map on March 6, 2025, did not identify any landfill sites situated on the Phase I Property or within 250m of the Phase I Property.

Former Industrial Sites

The report entitled “Mapping and Assessment of Former Industrial Sites, City of Ottawa” by Intera Technologies Limited was also reviewed. The Intera report did not identify any former industrial sites on the Phase I Property, or within the Phase I Study Area.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated February 7, 2025, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. The complete ERIS report has been included in Appendix 2.

Based on the ERIS search, no records were identified for the Phase I Property.

A total of 32 records from various databases, including 12 previous historical ERIS searches, were identified by the ERIS report within 250m of the Phase I Property.

The ERIS report identified five waste generator records for properties located within the Phase I Study Area. Four of these records pertain to wastes generated approximately 150m south of the Phase I Property at 10 Deerfield Drive as a result of operations at a series of apartment buildings. Wastes generated include halogenated pesticides, alkaline wastes, waste oils and lubricants, paint / pigment / coating residues, and waste compressed gases. The remaining waste generator record pertains to oil skimmings and sludges generated at an apartment building located approximately 180m southwest of the Phase I Property. Based on the separation distances between these properties and the Phase I Property these waste generating activities are not considered to pose an environmental concern for the Phase I Property.

A total of eight Ontario Spills records were identified for properties located within 250m of the Phase I Property. The first spill record describes a natural gas leak originating from the property immediately east of the Phase I Property. Given the gaseous nature of the substance leaked, this spill is not considered to pose a potential environmental concern for the Phase I Property. The second spill record describes a leak of approximately 450L of furnace oil under the basement floor of the residential dwelling addressed 1757 Baseline Road. The spill was reported in 1993. No other pertinent information was provided in this record. This property is approximately 40m east of the Phase I Property. The third spill record describes a spill of approximately 70L of hydraulic oil from a garbage truck at 1800 Baseline Road, approximately 40m south of the Phase I Property. The fourth spill record

identifies the spill of 118L of hydraulic oil to the road approximately 160m west of the Phase I Property. The fifth spill record describes leaks from a liquid propane line strike at 1818 Gilbert Avenue, approximately 175m northwest of the Phase I Property. The remaining records all pertain to spills which took place in excess of 200m from the Phase I Property. None of the spills identified in these records are considered to result in an APEC on the Phase I Property.

Two pipeline incident records were identified by the ERIS report within the Phase I Study Area. The first pertains to the same incident described above at 1818 Gilbert Avenue and the second pertains to an inch and a quarter diameter natural gas pipeline which was struck approximately 205m south of the Phase I Property. Neither incident is considered to represent an environmental concern for the Phase I Property.

Two borehole records and three water well information system records were identified in the Phase I Study Area. All three well records pertain to domestic water wells installed in the 1940's and 1950's. These wells are not expected to remain in use, and they do not represent an environmental concern for the Phase I Property.

A copy of the ERIS report is included in Appendix 2.

City of Ottawa Historical Land Use Inventory (HLUI) Database

A requisition was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well as properties situated within the Phase I Study Area. A response from the City of Ottawa was received on October 7th, 2024.

The HLUI returned eleven point feature records for the property addressed 1827 Baseline Road. These all pertained to USTs at the identified property. Two area features were also attributed to former service stations at 1827 Baseline Road. Based on the significant separation distance between this property and the Phase I Property, the former presence of these service stations and their associated USTs is not considered to pose a potential risk to the Phase I Property.

The remaining seven area features identified all pertain to historical activities which are considered to be sufficiently separated from the Phase I Property so as not to pose a potential risk.

A copy of the HLUI response letter and summary report has been included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library and the City of Ottawa's geoOttawa website were reviewed in approximate 10-year intervals, beginning with the earliest available photograph. Based on a review of these photographs, the following observations have been made:

1945 (National Air Photo Library) The Phase I Property is vacant agricultural land located on the north side of Baseline Road. Neighbouring properties in the Phase I Study Area also consist of vacant agricultural land at this time. Baseline Road is visible in this photograph.

1958 (geoOttawa) The Phase I Property remains vacant at this time, however, it and the neighbouring properties to the east appear to be used for non-permanent parking. Residential dwellings have been constructed to the north and northeast of the Phase I Property since the previous photograph. No changes are apparent with respect to the properties west or south of the Phase I Property.

1965 (geoOttawa) The Phase I Property has been developed with two residential dwellings since the previous photograph. Residential dwellings have also been constructed to the east of the Phase I Property along Baseline Road. Residential apartment buildings have been constructed immediately west of the Phase I Property. No significant changes are apparent with respect to the properties south of the Phase I Property.

1976 (geoOttawa) No significant changes are apparent with respect to the Phase I Property or any of the properties to its north, east or west. Multiple residential apartment buildings have been constructed south of the Phase I Property, on the south side of Baseline Road.

1991 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. A parking lot has been constructed southwest of the Phase I Property since the previous photograph. No other changes are apparent with respect to the surrounding properties in the Phase I Study Area.

2002 (geoOttawa) No significant changes are apparent with respect to the Phase I Property or surrounding properties in the Phase I Study Area.

2011 (geoOttawa) No significant changes are apparent with respect to the Phase I Property or surrounding properties in the Phase I Study Area.

2022 (geoOttawa) No significant changes are apparent with respect to the Phase I Property. Residential dwellings have been constructed southwest of the Phase I Property. No other changes are apparent with respect to the other properties in the Phase I Study Area.

Copes of the aerial photographs selected for review are included in Appendix 1.

Physiographic Maps

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

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the site is approximately 90m ASL, and that the regional topography slopes down to the north. According to the maps, the nearest named water body is Pinecrest Creek, located approximately 615m west of the Phase I Property at its closest point. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, bedrock in the area of the Phase I Property consists of interbedded limestone and dolomite of the Gull River Formation. Based on the maps, the surficial geology consists of offshore marine sediments with an overburden thickness of 3 to 5m.

Water Bodies

No water bodies are present on the Phase I Property or within the Phase I Study Area. The nearest named water body with respect to the Phase I Property is the Pinecrest Creek, located approximately 615m to the west of the Phase I Property.

Water Well Records

A well record search was conducted on March 6, 2025, for all drilled wells associated with properties within 250m of the Phase I Property. No well records were identified on the Phase I Property.

A total of seven well records were identified in the Phase I Study Area, all of which were domestic drinking water wells drilled between 1949 and 1957. Based on the full municipal servicing available in the Phase I Study Area, domestic water wells are not considered be in use within the Phase I Study Area.

In general, the encountered strata according to the well records within the Phase I Study Area consists of approximately 3-5m of clay underlain by limestone. Static water levels were not recorded on the well records.

A copy of the well records has been included in Appendix 2.

5.0 INTERVIEWS

Property Owner Representative

Mr. Shiv Bhasker, the current owner of the Phase I Property, was interviewed as part of this assessment. The interview was conducted in person at the time of the site inspection. Mr. Bhasker was identified as an interview subject based on his familiarity with the site as a current owner.

Mr. Bhasker stated that he has owned 1767 Baseline Road since the year 2000 and he has owned the property addressed 1773 Baseline Road since 2016. According to Mr. Bhasker, both properties were initially developed for residential use in the mid 1960's and an addition was added to 1773 Baseline Road around 1980. Mr. Bhasker stated that 1767 Baseline Road was converted from oil to natural gas heating around 2001 and there were no spills or concerns associated with the oil tank when it was removed from the property. Mr. Bhasker estimates that 1773 Baseline Road was likely converted to natural gas around the same time.

Mr. Bhasker was not aware of any environmental concerns associated with the Phase I Property or neighbouring properties with the potential to affect the Phase I Property.

The information obtained in the interview with Mr. Bhasker is consistent with the site information obtained from other sources (Aerial photos, ERIS Database Report, City Directories, Fire Insurance Plans) and site observations, and is considered to be valid.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The initial site visit was conducted on February 10, 2025. Weather conditions were partially cloudy with a temperature of approximately -10ºC. Mr. Jesse Andrechek from the Environmental Department of Paterson Group conducted the site investigation. The duration of the site visit was approximately 1 hour. In addition to the Phase I Property, the uses of the neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit from publicly accessible areas.

6.2 Specific Observations at the Phase I Property

Buildings and Structures

Two, two-storey residential dwellings are present on the Phase I Property as well as several non-permanent rear yard storage sheds and perimeter fencing along the east, west and north sides of the Phase I Property.

Subsurface Structures and Utilities

Based on public and private locates received in February 2025, subsurface structures and utilities identified on the Phase I Property included natural gas, electrical, sewer and water.

Site Features

The Phase I Property consists of two residential dwellings with associated landscaped and parking areas.

The Phase I Property is generally flat and is considered to be at grade with Baseline Road. Site drainage occurs through infiltration and surface runoff to catch basins along Baseline Road. The regional topography slopes down to the northwest in the direction of the Ottawa River.

Site features are presented on Drawing PE6941-1 – Site Plan, provided in the Figures section of this report.

Private Wells or Sewage Works

No existing or signs of former potable wells or private septic beds or holding tanks were observed on the Phase I Property.

Fuels and Chemical Storage

No fuels, chemicals, or signs of underground storage tanks were observed on the Phase I Property at the time of the site visit.

No ponded water or signs of stressed vegetation, surficial staining or evidence of fill placement were noted on the Phase I Property. However, it should be noted that the Phase I Property was covered in snow at the time of the site inspection.

Unidentified Substances

No unidentified substances were noted on the Phase I Property at the time of the site visit.

Current or Former Rail or Spur Lines

No evidence of existing or former rail or spur lines was observed on the Phase I Property at the time of the site visit.

Waste Management

At the time of the site inspection, regular domestic waste was being generated on the Phase I Property. Waste is picked up regularly by the city of Ottawa. No environmental concerns were identified with regard to the waste management procedures.

Interior Assessment

A general description of the interior of the structures is as follows:

1767 Baseline Road

- ❑ The floors consisted of ceramic tile and exposed concrete;
- ❑ The walls consisted of drywall;
- ❑ The ceilings consisted of drywall;
- ❑ Light was provided by a combination of incandescent and LED fixtures.

Heating for 1767 Baseline Road is provided via a natural gas fired furnace.

1773 Baseline Road

- ❑ The floors consisted of ceramic tile, linoleum, and exposed concrete;
- ❑ The walls consisted of a combination of drywall, concrete block and ceramic tiles;
- ❑ The ceilings consisted of drywall, suspended ceiling tiles, and stipple finish;
- ❑ Light was provided by a combination of fluorescent, incandescent and LED fixtures.

Heating for 1773 Baseline Road is provided via a natural gas fired furnace.

Potentially Hazardous Building Products

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

Based on the age of the subject buildings and associated addition (early 1960s and 1980's respectively) ACMs may be present within the subject structures. Potential ACMs included linoleum, drywall joint compound, window caulking, suspended ceiling tiles, and stipple finish ceilings. In general, the ACMs were found to be in good condition with the exception of drywall joint compound in the garage of 1773 Baseline Road.

❑ **Lead-Based Paints**

Based on the age of the subject buildings and the associated addition (early 1960's and 1980's respectively) lead based paint may be present within the subject structures.

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

Fluorescent light ballasts were observed within the subject structures. Fluorescent light ballasts installed before 1980 may contain PCBs, however, it is likely that all ballasts have now been replaced with PCB-free ballasts. No other potential sources of PCBs were identified inside the subject buildings at the time of the site inspection.

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

UFFI was not observed at the time of the site inspection. However, not all areas were inspected and UFFI may be present within wall cavities.

Other Potential Environmental Concerns

❑ **Interior Fuel and Chemical Storage**

No vent and fill pipes, aboveground fuel storage tanks, or evidence indicating the presence of any underground fuel storage tanks were observed within the subject buildings at the time of the site inspection. However, access to many spaces within 1767 Baseline Road was obstructed by the significant volume of personal items belonging to the tenants. It is expected that both residential dwellings on the Phase I Property were originally heated via oil fired furnaces with associated interior ASTs.

Chemical products identified in the subject buildings were observed to be limited to commercially available cleaning products stored in their original containers which do not pose a risk to the Phase I Property.

❑ **Ozone Depleting Substances (ODSs)**

Ozone depleting substances observed at the time of inspection included fire extinguishers, refrigerators and air conditioners.

❑ **Wastewater Discharges**

No sump pits or floor drains were observed in the subject buildings at the time of the site inspection, however, significant areas of floor space in 1767 Baseline Road were obstructed by the personal belongings the tenants at the time on inspection. A hole had been cut through the garage floor slab at 1773 Baseline Road, exposing the granular material below. There were no visual or olfactory indicators of contamination in the vicinity of this hole.

Wastewater generated from the subject buildings is discharged to the City of Ottawa sanitary sewer system. Roof drainage is discharged via surface run-off and infiltration. No concerns were identified with respect to wastewater discharge on the subject site.

Neighbouring Properties

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

North: Residential dwellings followed by Gage Crescent and additional residential dwellings;

East: Residential dwellings followed by Ferguson Street and additional residential dwellings;

South: Baseline Road followed by residential apartment buildings;

West: Residential apartment buildings followed by a convenience store, Navaho Drive, and additional residential apartment buildings;

Land use within the Phase I Study Area is primarily residential.

No PCAs were identified in the Phase I Study Area. Surrounding land use within the Phase I Study Area is presented on Drawing PE6941-1 – Surrounding Land Use Plan.

6.3 Soil Characterization Investigation

A preliminary due diligence soil characterization investigation was carried out on February 18th, 2025, in conjunction with a geotechnical investigation. Two boreholes were drilled to assess the quality of the soil encountered on site. BH1-25 was drilled on the southwest corner of the Phase I Property and BH2-25 was drilled on the southeast corner of the site.

The soils encountered across the site generally consisted of fill material (considered to be reworked native clay), underlain by silty clay and glacial till. Approximately 2m of fill material was encountered in each borehole. Boreholes were drilled to depths of 6.60 and 7.14m below grade and terminated at practical refusal on inferred boulders or bedrock.

All soil samples collected were subjected to a preliminary screening procedure, which included visual screening for colour and evidence of deleterious materials. No apparent deleterious materials or any visual or olfactory signs of potential contamination were observed in the samples collected during the field program.

Three native soil and three fill samples were submitted for analysis of benzene, toluene, ethylbenzene and xylenes (BTEX), petroleum hydrocarbons (PHCs, Fractions F1 to F4), electrical conductivity (EC), sodium adsorption ratio (SAR), and metals. An additional duplicate sample of BH2-25 SS4 was submitted for analysis of metals and two samples were submitted for pH analysis.

Analytical results were compared to MECP Table 3 Residential Coarse-Grained standards. All samples tested for BTEX parameters were non-detect. PHC concentrations were only detected in one soil sample, which complied with the selected MECP standards. All tested samples, with the exception of BH2-25-SS5 were found to comply with the selected standards for Metals. At the request of Paterson Group, sample BH2-25-SS5 was reanalysed for metals and was found to comply with the selected site standards. The initial results for BH2-25-SS5 were considered to be erroneous.

Three samples were found to exceed the selected MECP Table 3 Standards for electrical conductivity. The EC parameters identified in the soil samples can be attributed to the use of a substance for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both (road salt). As a result, this soil is not considered to be contaminated.

Both representative samples selected for laboratory analysis of pH were found to be within the pH range of 5.0 and 9.0 and are therefore within the acceptable range for both surface and subsurface soils.

Based on the analytical results of the preliminary soil characterization investigation there is no evidence to suggest that any of the tested areas represent an Area of Potential Environmental Concern.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The Phase I Property was vacant, undeveloped land, used for agricultural purposes until it was developed for residential purposes with 2 two-storey residential dwellings. Adjacent and neighbouring properties were historically used for agricultural purposes until developed with residential dwellings.

Based on a review of available historical information, the land use history of the Phase I Property is summarized below in Table 1.

Table 1: Land Use History
1767 Baseline Road and 1773 Baseline Road, Ottawa, Ontario

Year	Land Use	Description	Observations
Prior to 1960	Agricultural or Other Use	Agricultural land	Aerial photographs from 1945 confirm that the Phase I Property was used for agricultural purposes or unused during this time period.
1960 to 2025	Residential Use	Two residential dwellings	Aerial photographs from this time period confirm that the Phase I Property was used for residential purposes during this time period.

7.2 Areas of Potential Environmental Concern

Based on the findings of the Phase I ESA, no potentially contaminating activities (PCAs) were identified on the Phase I Property. Three PCAs were identified in the Phase I Study Area, none of which are considered to result in an APEC on the Phase I Property.

Contaminants of Potential Concern

There are no contaminants of potential concern associated with the Phase I Property since there are no APEC's.

7.3 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, bedrock in the area of the site is reported to consist of interbedded limestone and dolomite of the Gull River Formation. Based on the maps, the surficial geology consists of offshore marine sediments with an overburden thickness of 3 to 5m. According to Paterson's soil profile and test data sheets for the boreholes drilled on the Phase I Property, the boreholes drilled on site were terminated on inferred bedrock at 6.60 and 7.14m bgs.

The soil profile and test data sheets also identified the groundwater levels on the Phase I Property to be 4.40 and 4.55m bgs as of February 28, 2025. As only 2 groundwater levels were recorded, a flow direction could not be accurately determined.

Existing Buildings and Structures

Two two-storey residential dwellings are currently present on the Phase I Property.

Below Grade Structure and Underground Utilities

Below grade structures and utilities present on the Phase I Property include electricity, natural gas, water, and sewer.

Water Bodies

No water bodies are present on the Phase I Property or within the Phase I Study Area. The nearest named water body with respect to the Phase I Property is Pinecrest Creek, located approximately 615m west of the Phase I Property at its closest point.

Areas of Natural Significance

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment. A review of the available mapping information did not identify any ANSIs on the Phase I Property or within the Phase I Study Area.

Well Records

A well record search was conducted on March 12, 2025, for all drilled wells associated with properties within 250m of the Phase I Property. No well records were identified on the Phase I Property.

A total of seven well records were identified in the Phase I Study Area, all of which were domestic drinking water wells drilled between 1949 and 1957. Based on the full municipal servicing available in the Phase I Study Area, domestic water wells are not considered be in use within the Phase I Study Area.

In general, the encountered strata according to the well records within the Phase I Study Area consists of approximately 3-5m of clay underlain by limestone. Static water levels were not recorded on the well records.

A copy of the well records has been included in Appendix 2.

Neighbouring Land Use

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

- ❑ North: Residential dwellings.
- ❑ South: Baseline Road followed by residential apartment buildings.
- ❑ East: Residential dwellings.
- ❑ West: Residential apartment buildings.

Land use within the Phase I Study Area is primarily residential, with some commercial use to the west.

Surrounding land use within the Phase I Study Area is presented on Drawing PE6941-2 – Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No potentially contaminating activities (PCAs) were identified on the Phase I Property. No PCAs identified in the Phase I Study Area were considered to result in an Area of Potential Environmental Concern (APEC) on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are no on-site or off-site PCAs that have resulted in an APEC on the Phase I Property.

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

8.0 REVIEW AND EVALUATION OF INFORMATION

8.1 Assessment

Paterson Group was retained by Shiv Bhasker, care of Phoenix Homes, to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for the property addressed 1767 and 1773 Baseline Road, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the Phase I Property.

According to the historical research, the Phase I Property was originally used for agricultural purposes prior to approximately 1960, when it was developed for residential use. The property has remained residential use since that time. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The historical use of the surrounding lands consisted primarily of agricultural land use with some residential. Neighbouring properties in the Phase I Study Area were developed around the same period as the Phase I Property for predominantly residential purposes. While reviewing historical records a former automotive service garage was identified at 1827 Baseline Road. Based on the separation distance between this activity and the Phase I Property, this Potentially Contaminating Activity is not considered to pose an environmental concern for the Phase I Property.

Following the historical research, a site visit was conducted. The Phase I Property is currently developed with 2 two-storey residential dwellings with associated landscaped and parking areas. No potentially contaminating activities were identified at the time of the site inspection.

Neighbouring land use in the Phase I Study Area is primarily residential with some commercial use westward along Baseline Road. No potential environmental concerns were identified with respect to the neighbouring land use in the Phase I Study Area.

Based on the findings of this assessment, **it is our opinion that a Phase II – Environmental Site Assessment will not be required for the Phase I Property at this time.**

8.2 Recommendations

Based on the approximate age of the subject buildings (early 1960's and 1980s), asbestos containing building materials, lead based paints, and other designated substances may be present within the structures. Potential ACMs observed at the time of the site inspection includes linoleum, drywall joint compound, window caulking, suspended ceiling tiles, and stipple finish ceilings. These potential ACMs were noted to be in good condition with the exception of drywall joint compound located in the garage of 1773 Baseline Road. Painted surfaces were also observed to be in good condition.

It is our understanding that the subject structures will be demolished in conjunction with future development. Prior to any demolition activities, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act if one has not yet been completed.

9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and 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 Mr. Shiv Bhasker c/o Phoenix Homes. Permission and notification from Mr. Shiv Bhasker, Phoenix Homes and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.

Mark Bujaki, B.Sc., MBA

Mark D'Arcy, P.Eng., QP$_{ESA}$

Report Distribution:

- ❑ Mr. Shiv Bhasker c/o Phoenix Homes
- ❑ Paterson Group Inc.

10.0 REFERENCES

Federal Records

- ❒ Natural Resources Canada: Air Photo Library
- ❒ Natural Resources Canada: The Atlas of Canada
- ❒ Geological Survey of Canada: Surficial and Subsurface Mapping
- ❒ Environment Canada: National Pollutant Release Inventory
- ❒ National Archives of Canada

Provincial Records

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

Municipal Records

- ❒ City of Ottawa: GeoOttawa
- ❒ City of Ottawa: Historical Land Use Inventory Database
- ❒ City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004

Local Information Sources

- ❒ Personal Interviews
- ❒ Previous Engineering Reports

Public Information Sources

- ❒ ERIS Database Report
- ❒ Google Earth
- ❒ Google Maps/Street View

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE6941-1 – SITE PLAN

DRAWING PE6941-2 – SURROUNDING LAND USE PLAN

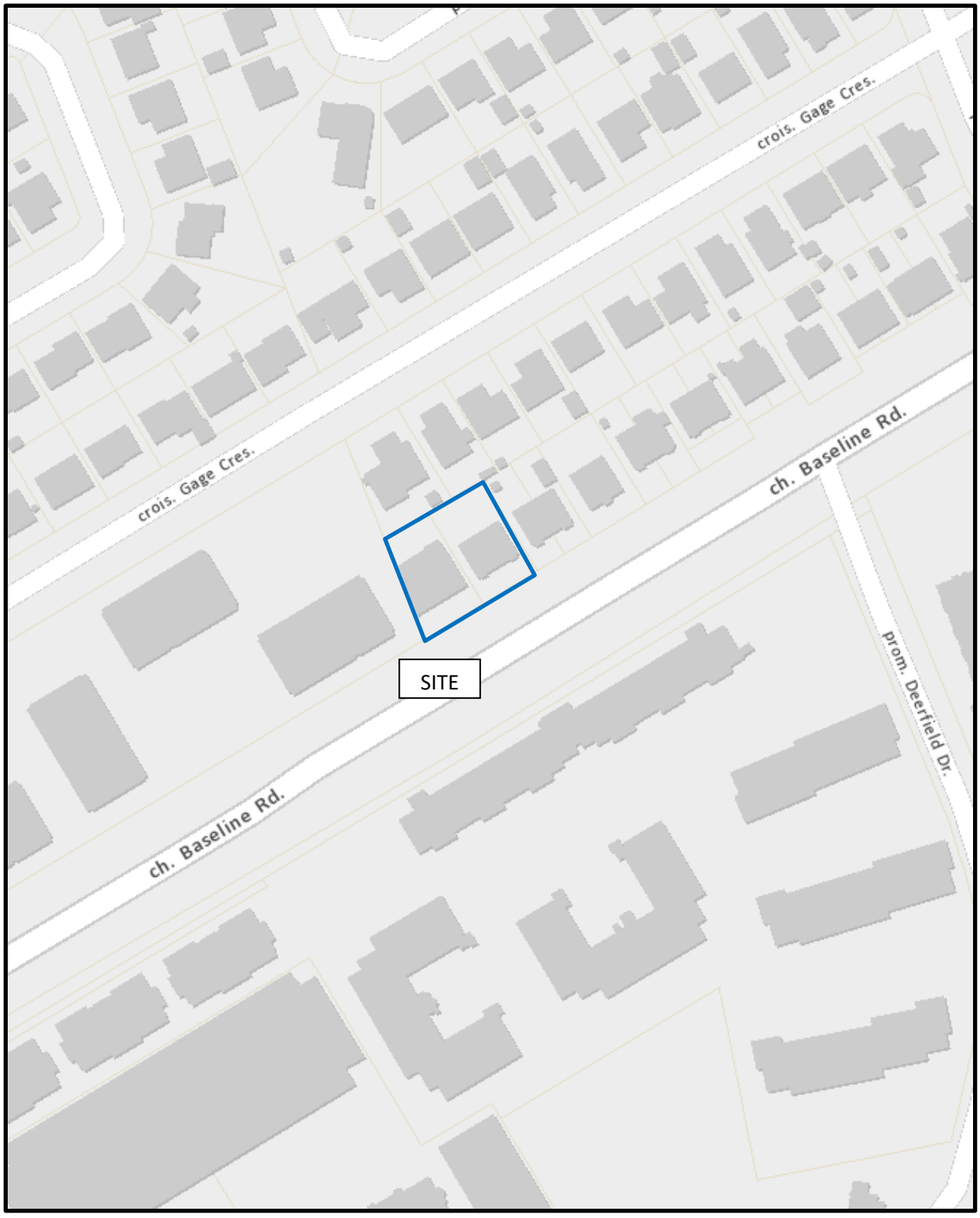


FIGURE 1

KEY PLAN

PATERSON GROUP

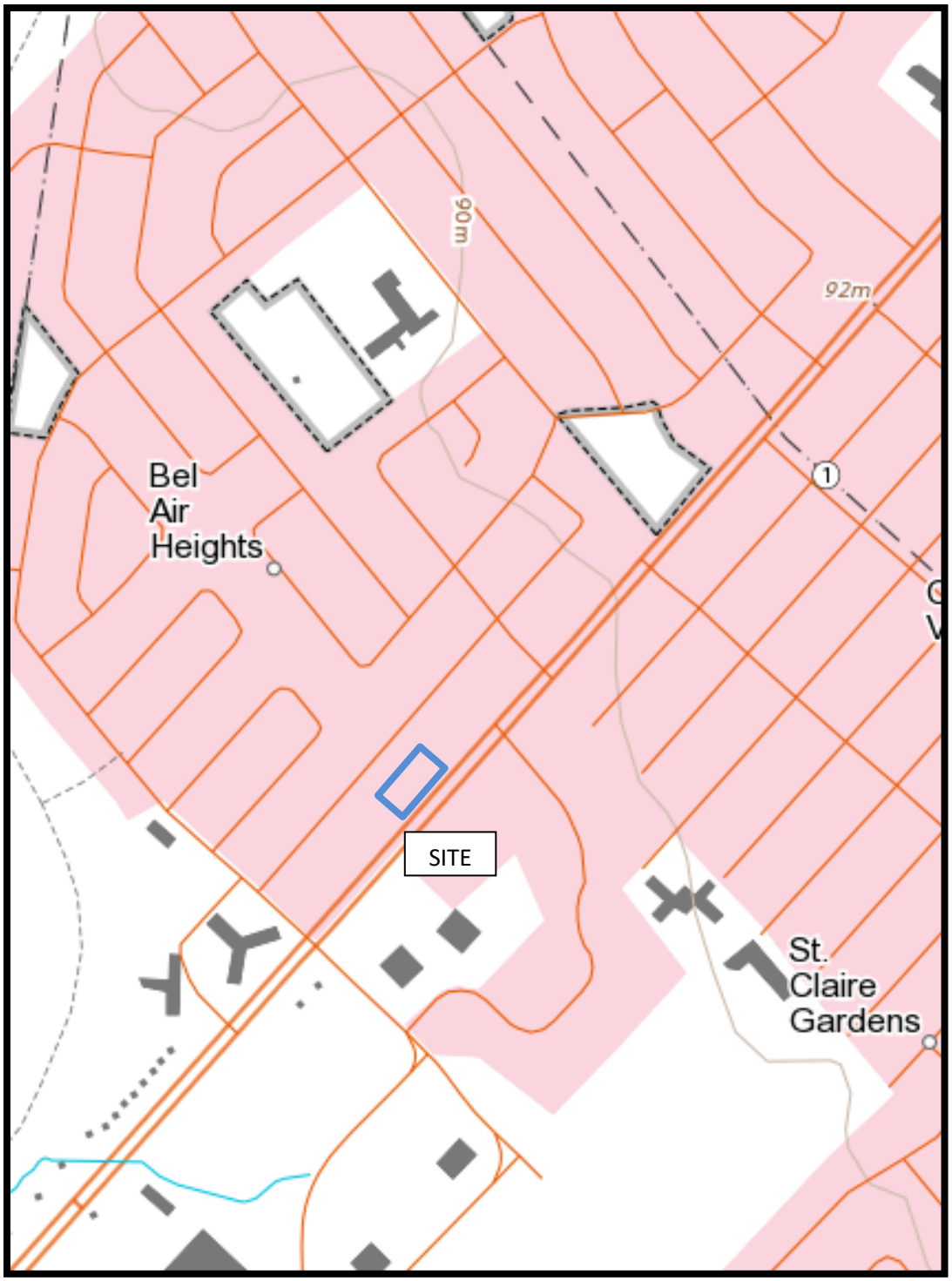
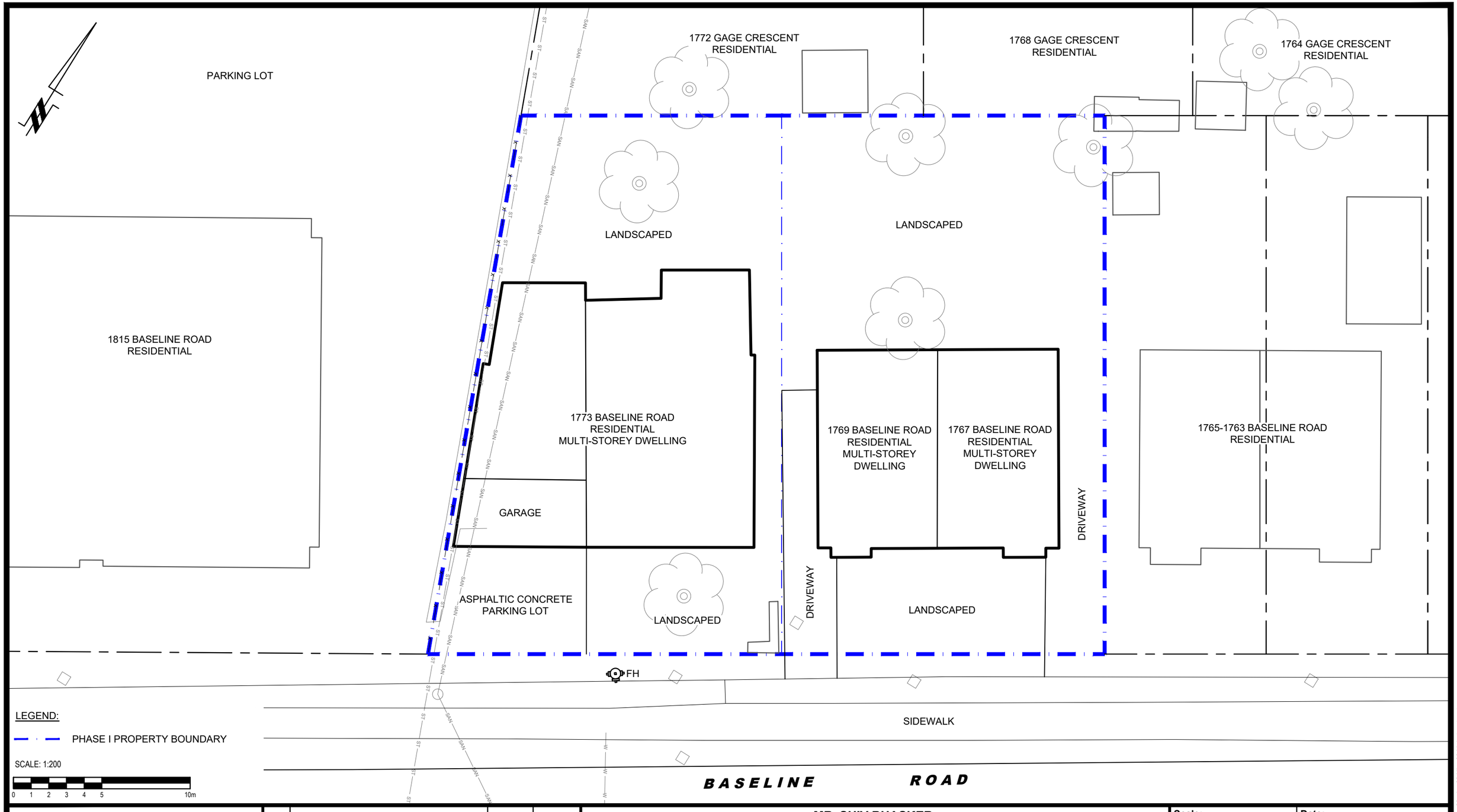


FIGURE 1

TOPOGRAPHIC MAP



PATERSON GROUP
9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

MR. SHIV BHASKER

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1767 AND 1773 BASELINE ROAD

OTTAWA, ONTARIO

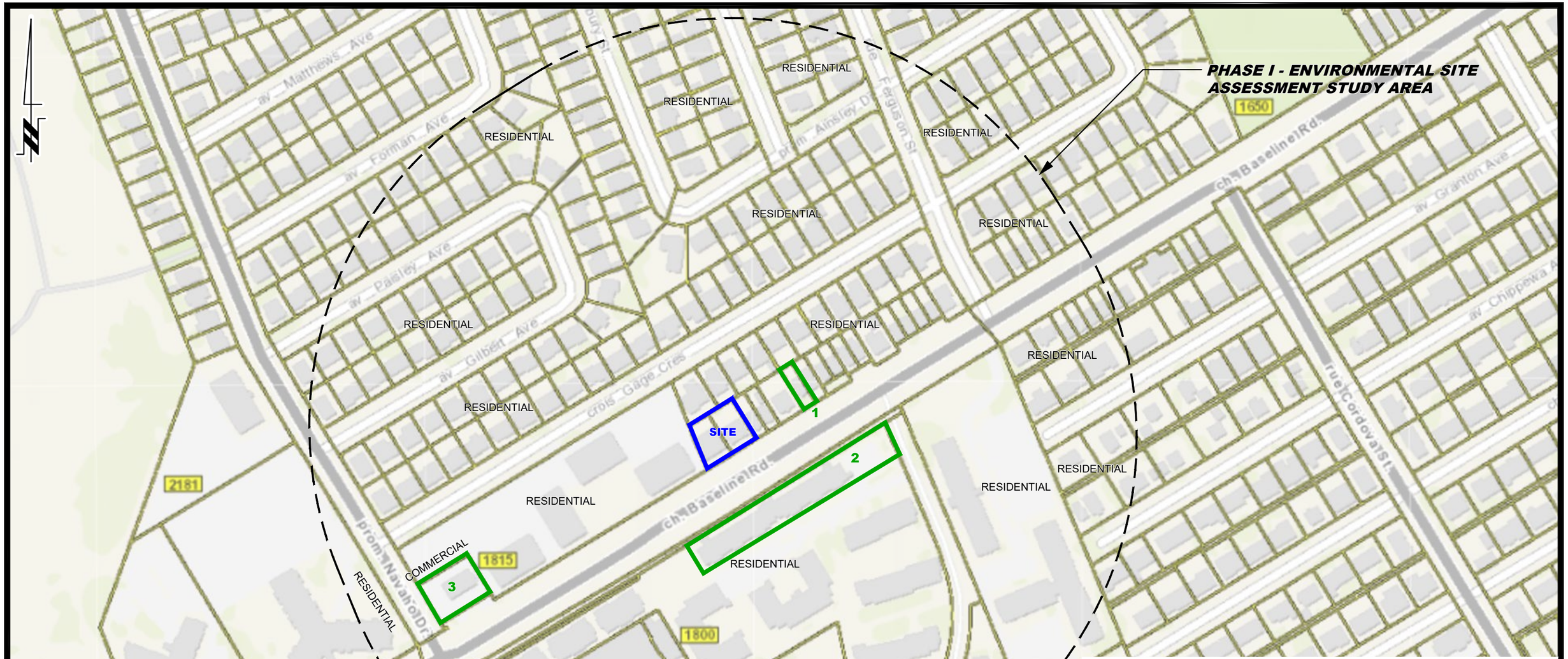
Title:

SITE PLAN

Scale: 1:200	Date: 03/2025
Drawn by: YA	Report No.: PE6941-1
Checked by: MSWB	Dwg. No.: PE6941-1
Approved by: MSD	Revision No.:

11x17

p:\autocad drawings\environmental\pe69xx\pe6941\pe6941-1-site plan.dwg



LEGEND:

PHASE I PROPERTY BOUNDARY

SCALE: 1:2500

0 25 50 75 100 125 150 175m

POTENTIALLY CONTAMINATING ACTIVITIES :

ID #	PCA ID	ADDRESS	DESCRIPTION
1	28	1757 BASELINE RD	GASOLINE & ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS ASSOCIATED WITH A HISTORICAL SPILL OF FURNACE OIL
2	N/A	1800 BASELINE RD	RELEASE OF HYDRAULIC OIL FROM MOTOR VEHICLE
3	52	1827 BASELINE RD	STORAGE, MAINTENANCE, FUELLING AND REPAIR OF EQUIPMENT, VEHICLES AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS ASSOCIATED WITH A FORMER AUTOMOTIVE SERVICE GARAGE

PATERSON GROUP
9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

MR. SHIV BHASKER

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1767 AND 1773 BASELINE ROAD

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:2500	Date: 03/2025
Drawn by: YA	Report No.: PE6941-1
Checked by: MSWB	Dwg. No.: PE6941-2
Approved by: MSD	Revision No.:

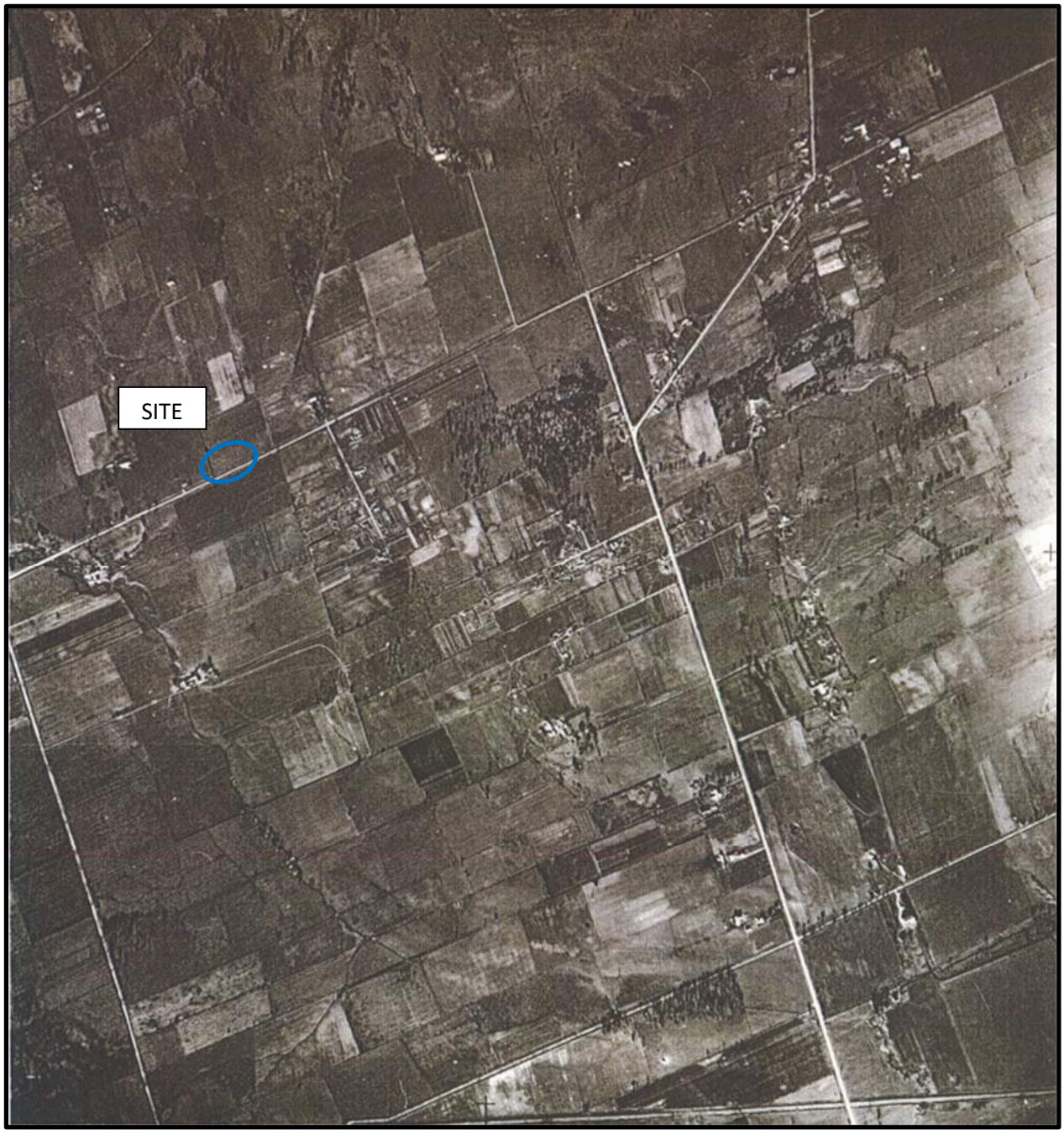
11x17

p:\autocad drawings\environmental\pe6941\pe6941-2-surrounding land use plan.dwg

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH

1945

PATERSON GROUP

AERIAL PHOTOGRAPH

1958

PATERSON GROUP

AERIAL PHOTOGRAPH

1965

PATERSON GROUP

AERIAL PHOTOGRAPH

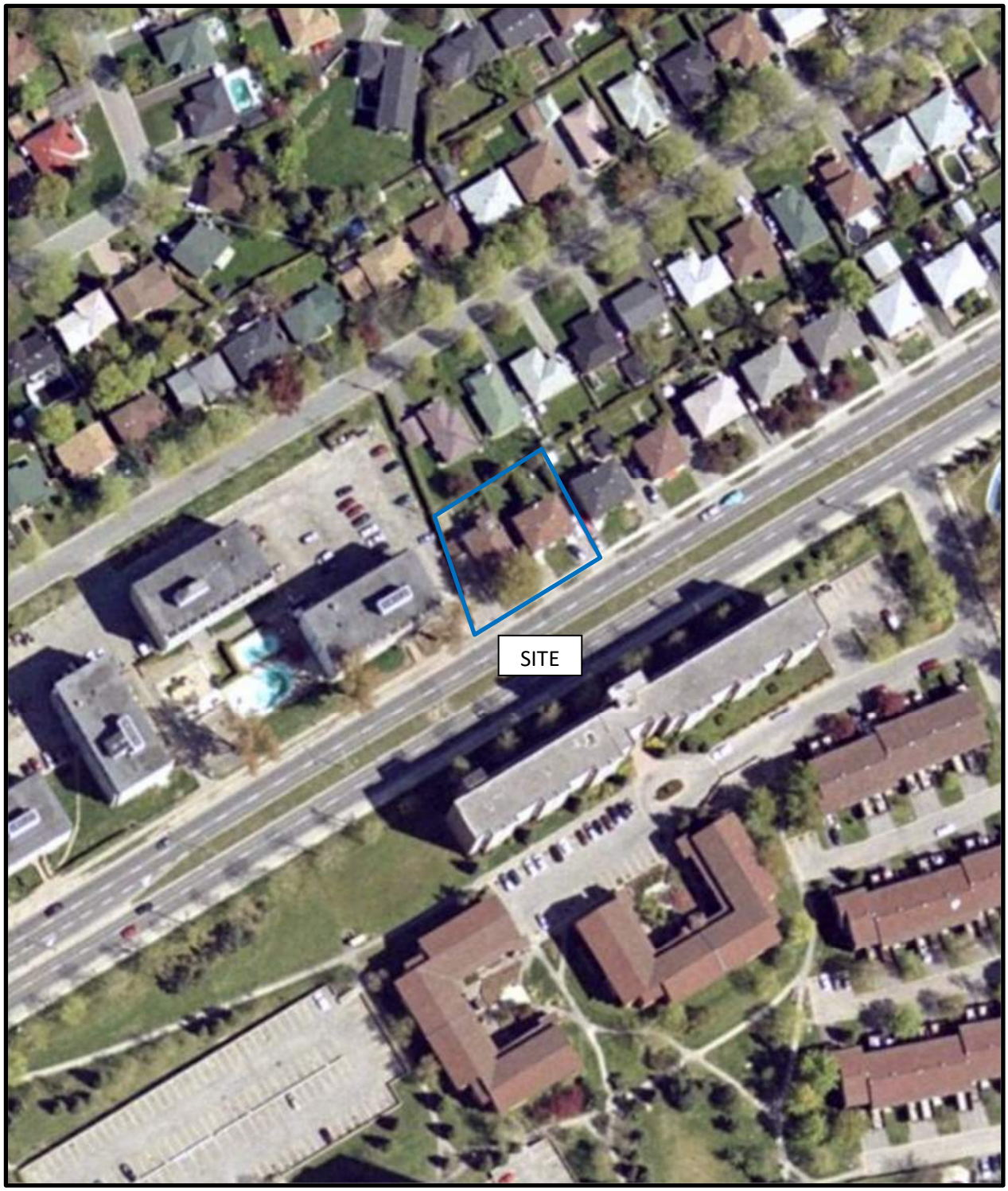
1976

PATERSON GROUP

AERIAL PHOTOGRAPH

1991

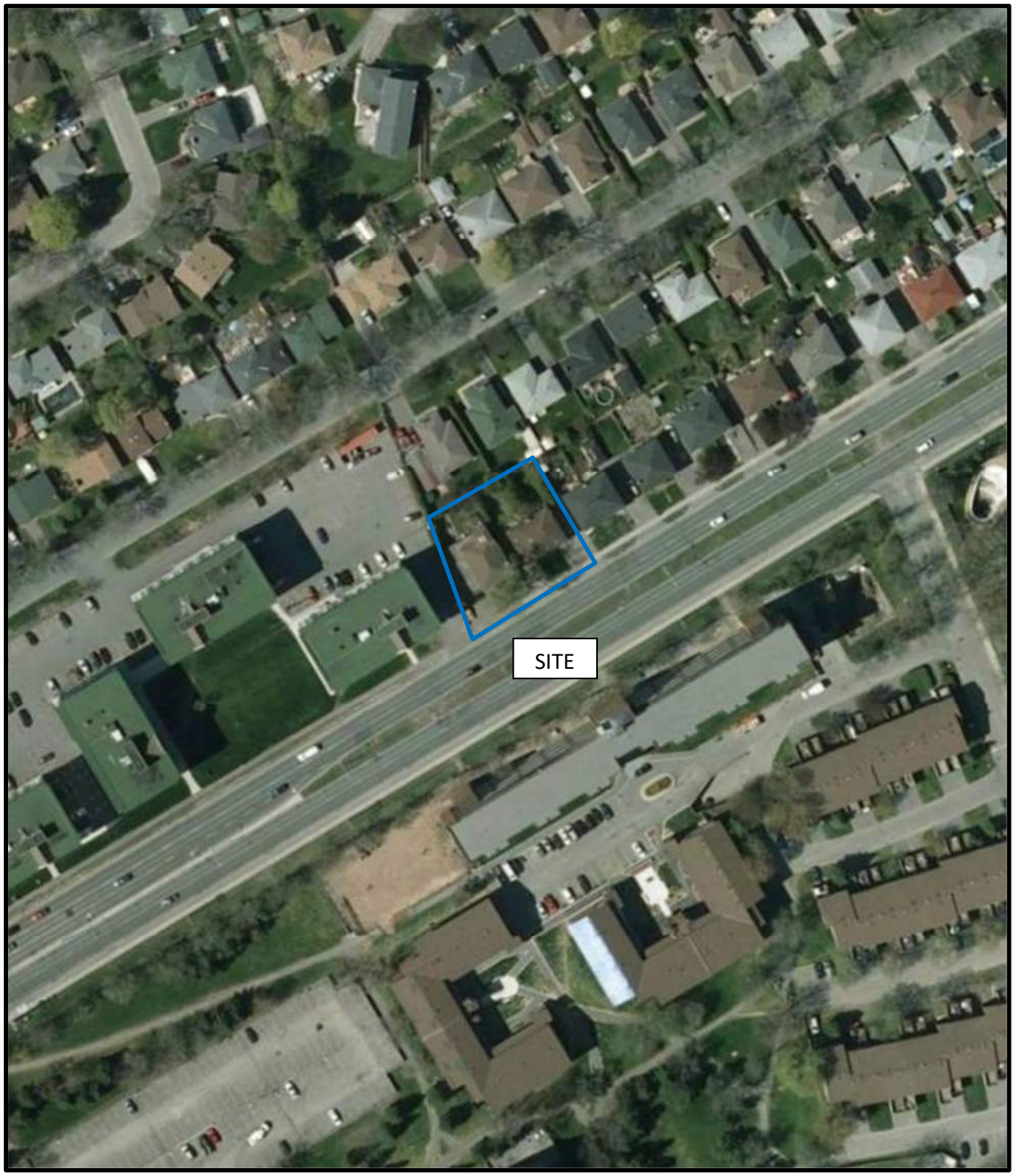
PATERSON GROUP



AERIAL PHOTOGRAPH

2002

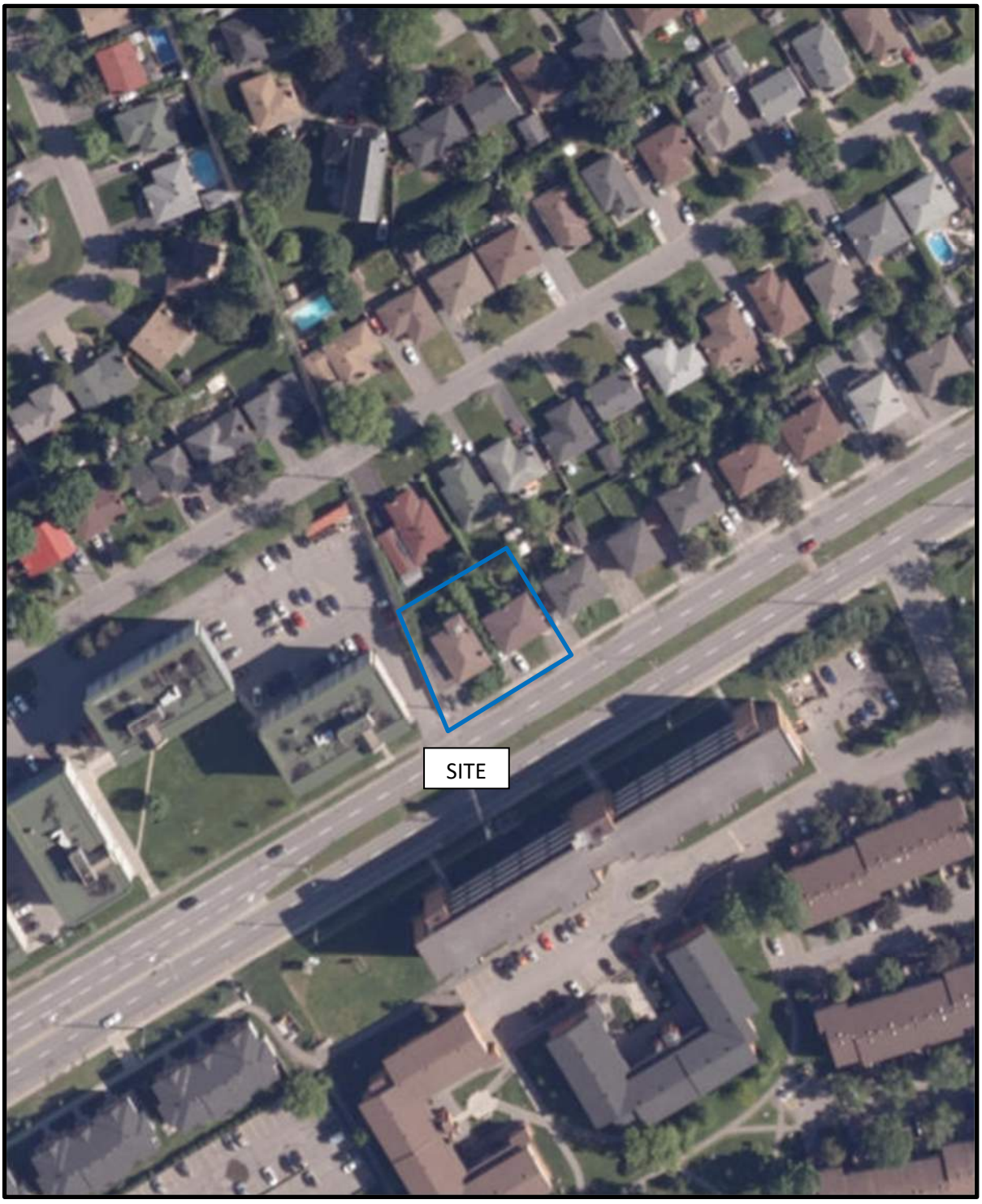
PATERSON GROUP



AERIAL PHOTOGRAPH

2011

PATERSON GROUP



AERIAL PHOTOGRAPH

2022

PATERSON GROUP

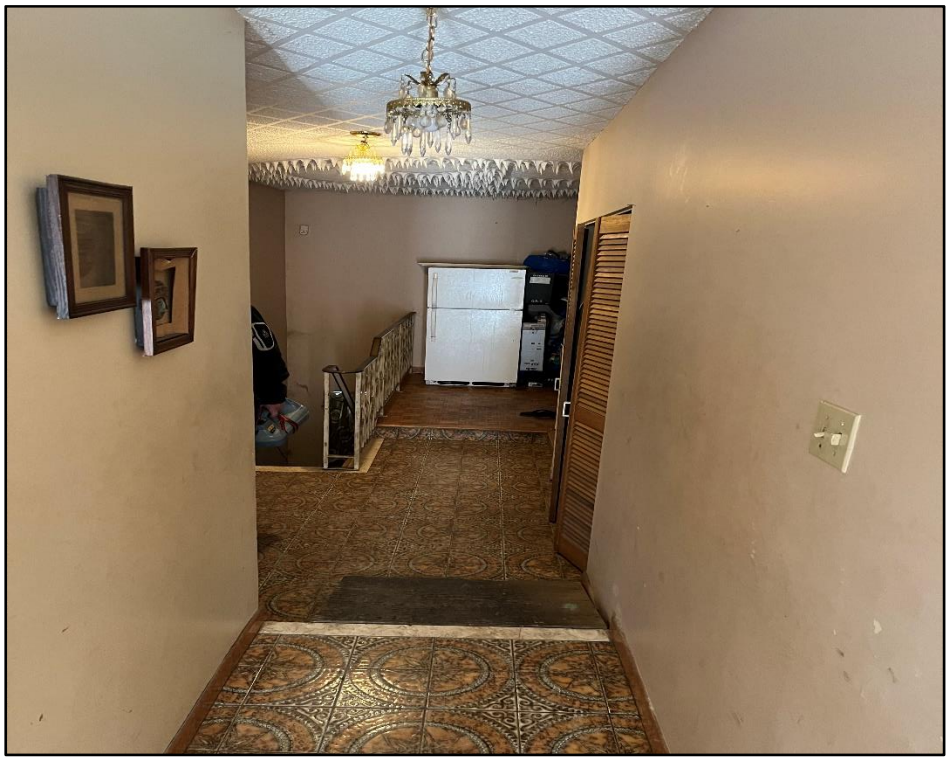
Site Photographs

PE6941 1767 and 1773 Baseline Road, Ottawa ON February 10, 2025

Photograph 1: View looking north at 1767 and 1769 Baseline Road.

Photograph 2: View looking west at the rear yards of the Phase I Property from the Phase I Property.

Photograph 3: Representative photo of the basement at 1773 Baseline Road.



Photograph 4: Representative photo of the ground floor at 1773 Baseline Road.

Photograph 5: Representative photo of the garage at 1773 Baseline Road.

Photograph 6: Representative photo of the interior of 1769 Baseline Road.

Photograph 7: View looking west at neighbouring residential apartment buildings.

APPENDIX 2

TSSA CORRESPONDANCE

MECP WELL RECORDS

MECP FOI REQUEST

HLUI RESPONSE

ERIS REPORT

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Friday, February 7, 2025 2:33 PM
To: Katharina Barley
Subject: RE: PE6941 - 1773 and 1767 Baseline Road

External Email: Do not click on links or open attachments unless you trust the sender.

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 records in our current database of any fuel storage tanks at the subject address(es).

Inventory Number	Address	City	Province	Postal Code	Reason Code	Asset Type / Invento
64506255	1827 BASELINE RD	OTTAWA	ON	K2C 0C1	Active	FS CYLINDER EXCHAN

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the **TSSA Client Portal** to complete an Application for Release of Public Information.

Please refer to How to Submit a Public Information Request (tssa.org) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Kind regards,

Kimberly Gage | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3581 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org

Winner of 2024 5-Star Safety Cultures Award

From: Katharina Barley <kbarley@patersongroup.ca>
Sent: Friday, February 7, 2025 12:35 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: PE6941 - 1773 and 1767 Baseline Road

[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 afternoon,

Could a search of your records please be completed for underground/aboveground storage tanks, historical spills, or other incidents/infractions on the addresses listed below of which are in Ottawa, Ontario.

1773 Baseline Road
1767 Baseline Road
1765 Baseline Road
1772 Gage Crescent
1768 Gage Crescent
1815 Baseline Road
1827 Baseline Road
1800 Baseline Road
1764 Baseline Road
1720 Baseline Road

Thank you,

PATERSON GROUP
SOLUTION ORIENTED ENGINEERING

KATHARINA BARLEY
Environmental Student
Environmental Division
TEL: (613) 226-7381
9 AURIGA DRIVE
OTTAWA ON K2E 7T9
patersongroup.ca

TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

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

UTM | 18 Z | 4411010 E | 9 R | 5012241610 N

Elev. | 9 R | 02910

Basin | 25 |

3165b

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED
NOV 12 1949
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

5716

Water Well Record

[redacted] F.A. MCLEAN Con. I-R.F. Lot 35 Pt. Lot

[redacted] WAVERLEY Acres

[redacted] including pump)

Pipe and Casing Record

Casing diameter(s) 4"

Length(s) of casing(s) 14'

Length of screen

Type of screen

Type of pump

Capacity of pump

Depth of pump setting

Pumping Test

Date AUG. 16. 1949.

Developed Capacity 300 G.P.H.

Duration of Test 15 MIN.

Pumping Rate 250 G.P.H.

Drawdown 1'

Static level of completed well 10'

Is well a gravel-wall type? No

Water Record

Kind (fresh or mineral) FRESH

Quality (hard, soft, contains iron, sulphur etc.) HARD

Appearance (clear, cloudy, coloured) CLOUDY

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

How far is well from possible source of contamination? 30'

What is source of contamination? SEPTIC TANK

Enclose a copy of any mineral analysis that has been made of water

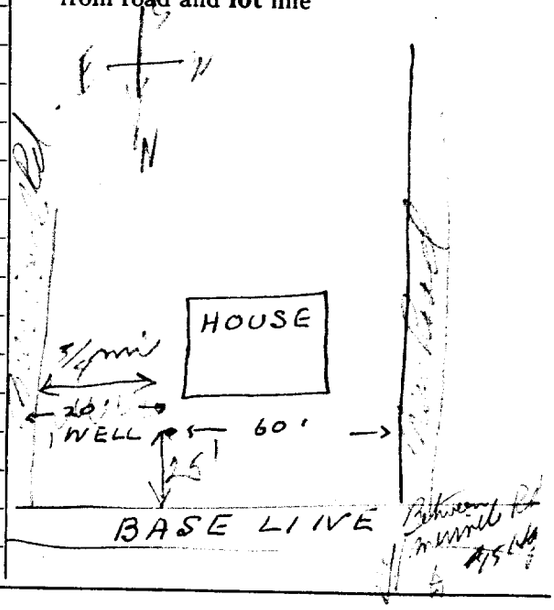
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
10'	HARD	
60		50

Well Log

Drift and Bedrock Record	From	To
SAND	0 ft.	10 ft.
LIMESTONE	10	60

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? UPLAND

Drilling Firm F.A. McLEAN & SON

Address 185 JAMES ST. OTTAWA ONTARIO

Recorded by W. KAVANAGH Address 483 PRESTON ST. OTTAWA.

Date AUG. 17 1949 Licence Number

CSS.58

3-

UTM | 18 | Z | 441 | 0910 | E
| 5 | R | 5012148 10 | N

Elev. | 4 | R | 02910

Basin | 25 | | |

31G5b

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED 19 No. 5717
FEB 25 1950
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

Conc - I R.F. (Ridge Front)
Lot - 35 Hwy

[redacted] Con. I.R.F. Lot 35 Pt. Lot .....
[redacted] City View Acres .....

Date Completed Jan 4 1950 Cost of Well (not including pump) .....

Pipe and Casing Record

Casing diameter(s) 5" .....
Length(s) of casing(s) 8' .....
Length of screen .....
Type of screen .....
Type of pump .....
Capacity of pump .....
Depth of pump setting .....

Pumping Test

Date Jan 4 1950 .....
Developed Capacity 400 G.P.M. .....
Duration of Test 45 MIN. .....
Pumping Rate 400 G.P.M.H. .....
Drawdown 3 FEET .....
Static level of completed well 5 Feet .....
Is well a gravel-wall type? No .....

Water Record

Kind (fresh or mineral) Fresh .....
Quality (hard, soft, contains iron, sulphur etc.) Hard .....
.....
Appearance (clear, cloudy, coloured) Clear .....
For what purpose(s) is the water to be used? Household .....
.....
How far is well from possible source of contamination? 50 Feet .....
What is source of contamination? Septic Tank .....
Enclose a copy of any mineral analysis that has been made of water .....

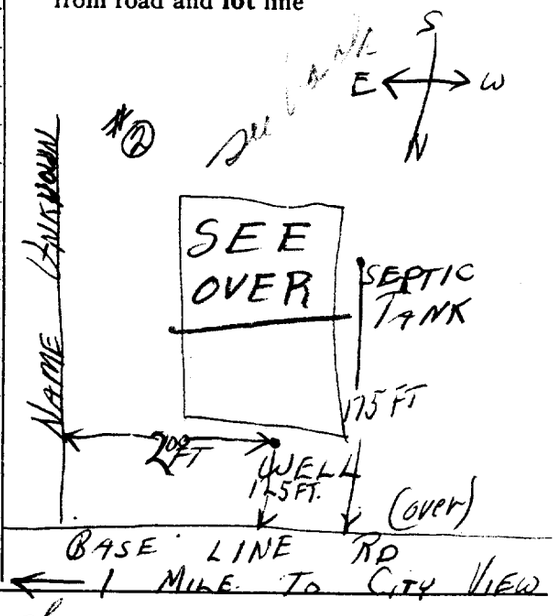
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
5'	Good	25'

Well Log

Drift and Bedrock Record	From	To
Shale Sandstone	0 ft.	9 ft.
Sand ~~Limestone~~	9'	30'

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? Upland .....
Drilling Firm E.R. Wellman .....
Address 578 Westminster Ave. W. c. Kellam Gdns. Ottawa
Recorded by E.R. Wellman Address 578 Westminster
Date Jan 4 1950 Licence Number 444

UTM | 18 Z | 441215 E | 5 R | 5012255 10 N

Elev. | 4 R | 02910

Basin Rid 925 Front | | |

Conc-I

Lot-35.

31G5b

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

15 No 5828

RECEIVED
MAY 11 1953
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water Well Record

[redacted] ~~Village, Town or City~~ NEPEAN

~~Town or City~~ GRANTON

[redacted] 1302 GLENHURST

Date Completed 24 (day) FEB (month) 1953 (year) Cost of Well (excluding pump)

Pipe and Casing Record 21/Feb/53

Casing diameter(s) 4"

Length(s) of casing(s) 26'

Type of screen —

Length of screen —

Distance from top of screen to ground level —

Is well a gravel-wall type? —

Pumping Test

Date

Static level 20'

Pumping level

Pumping rate

Duration of test 1 HR

Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) FRESH

Quality (hard, soft, contains iron, sulphur, etc.) HARD

Appearance (clear, cloudy, coloured) CLEAR

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

How far is well from possible source of contamination?

What is the source of contamination? SEPTIC TANK

Enclose a copy of any mineral analysis that has been made of water

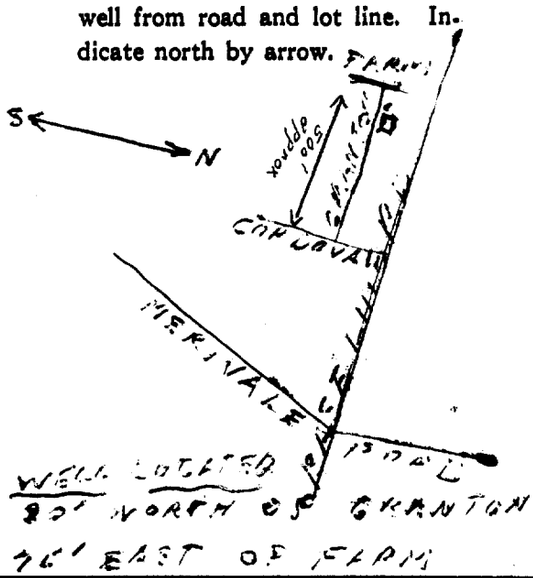
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
~~20'~~	FRESH	

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
CLAY		
LIMESTONE		43

Location of Well

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



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

Drilling Firm MATT MEAGHER

Address KEMPSTER ST BRITANNIA HTS

Name of Driller GORDON SHEPHERD Address 43 SHERBROOKE AVE

Date FEB 24/53 Licence Number

Gordon Shepherd
Signature of Licensee

FORM 5

2263-2265 31G5c

UTM 18 z 441175 E
15 R 5022520 N
Elev. 4 R 0295
Basin
Rideau Front 25
Con - I
Lot - 35.

35

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED OCT - 6 1953 GEOLOGICAL BRANCH DEPARTMENT of MINES

№ 5842

Water Well Record

County or Territorial District. Carleton .... Township, ~~Village, Town or City~~. Nepean ....

Con. RF I .... Lot ~~2263 - 2265~~ ~~Street~~ and Number (if in Village, Town or City) ....

Owner [redacted] .... Address ... City View ....

Date Completed ... 1 - 10 ... 53 ... Cost of Well (excluding pump) ....
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s). 4 ....

Length(s) of casing(s). 20 F. ....

Type of screen ....

Length of screen ....

Distance from top of screen to ground level ....

Is well a gravel-wall type? ....

Pumping Test

Date ...... 1 - 10 - 53 ....

Static level ... 13 F ....

Pumping level .. 16 F ....

Pumping rate ....

Duration of test ....

Distance from cylinder or bowls to ground level ....

Water Record

Kind (fresh or mineral) ... fresh ....

Quality (hard, soft, contains iron, sulphur, etc.). hard ....

Appearance (clear, cloudy, coloured) ... clear ....

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

....

How far is well from possible source of contamination? .. 40 F ....

What is the source of contamination? ... Cement tank ....

Enclose a copy of any mineral analysis that has been made of water ....

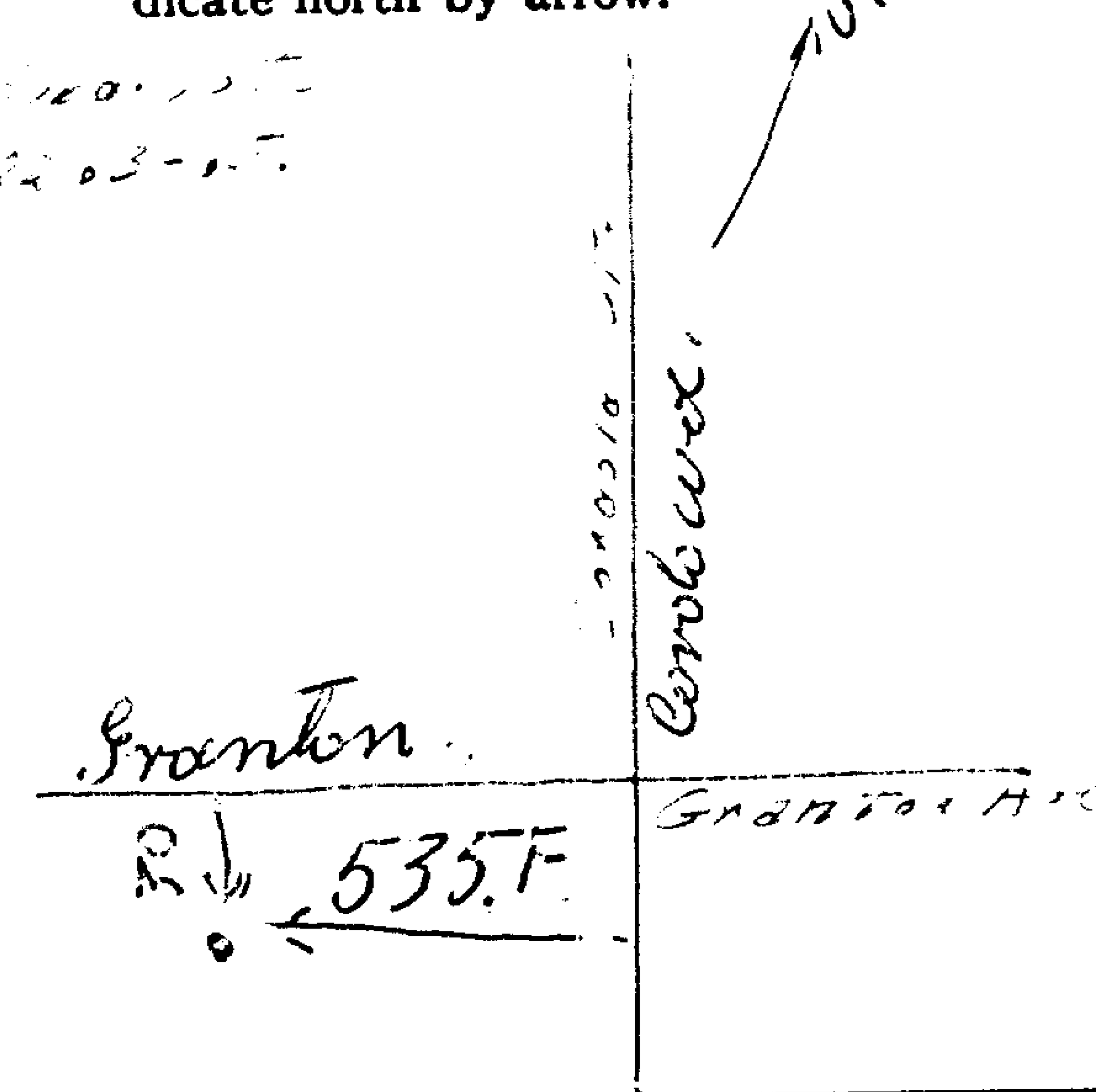
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
42 F.	fresh.	29 F.

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	15 ft.
clay		
hard limestone	15	42
soft limestone	42	80
hard limestone	80	115
Soft limestone with black shale.	~~115~~	160

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? ....

Drilling Firm .. H. S. Mulligan ....

Address ... Britannia Bay ....

Name of Driller . Antoni Pioro ....

Date ... 4 - 10 - 53 ....

Address .. 327 Rochester St ....

Licence Number .. 571 ....

Antoni Pioro ....
Signature of Licensee

Form 5

UTM | 18 | Z | 441195
| 5 | R | 5012248 0 | N
Elev. | 4 | R | 0295
Basin | | | |

31G5a

ONTARIO

RECEIVED
NOV 16 1953
GEOLOGICAL BRANCH
DEPARTMENT of MINES

15 No. 5846

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or Territorial District. Carleton ..... Township, ~~Village, Town or City~~ Nepean .....
Con. R.F.1 ... Lot. 35 ... Street and Number (if in Village, Town or City) .....
Owner. [redacted] ..... Address. City View .....
Date Completed. 19 (day) – 10 (month) – 53 (year) Cost of Well (excluding pump) .....

Pipe and Casing Record

Casing diameter(s). 4
Length(s) of casing(s). 18F
Type of screen.
Length of screen.
Distance from top of screen to ground level.
Is well a gravel-wall type?

Pumping Test

Date. 19 – 10 – 53
Static level. 13F.
Pumping level. 17F.
Pumping rate. 600 g.p.h.
Duration of test. 1 hr
Distance from cylinder or bowls to ground level.

Water Record

Kind (fresh or mineral). fresh
Quality (hard, soft, contains iron, sulphur, etc.). hard
Appearance (clear, cloudy, coloured). clear
For what purpose(s) is the water to be used? domistic
How far is well from possible source of contamination? 40 F.
What is the source of contamination? Cement Tank
Enclose a copy of any mineral analysis that has been made of water

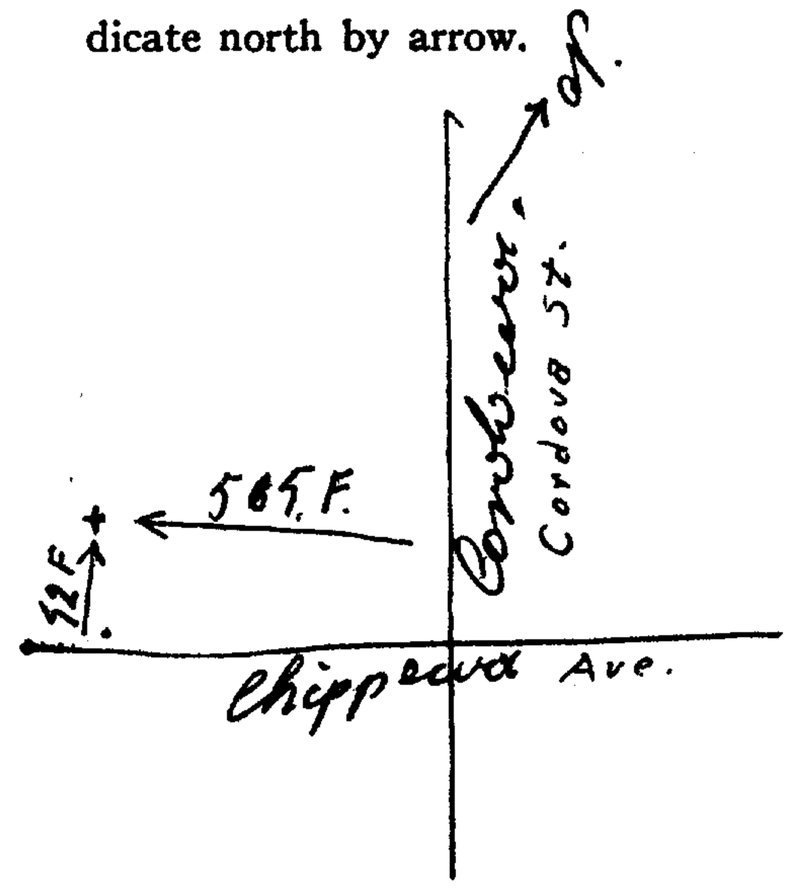
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
43 F.	fresh.	30 F.

Well Log

Overburden and Bedrock Record	From	To
clay	0 ft.	15 ft.
hard limestone	15	43
soft limestone	43	64
rock (Dolomite) Hard rock	64	72
soft limestone	72	106
like limestone with shale	106	126
soft limestone and sand stone	126	155

Location of Well

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



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm. D. H. Mulligan
Address. Britannia Bay
Name of Driller. Antoni Ewo Address. 327 Rochester St
Date. 20 – 10 – 53 Licence Number. ~~Antoni Ewo~~ 571
Antoni Ewo
Signature of Licensee

FORM 5

UTM 1 1 8 Z 4 4 1 2 0 5 E
5 R 5 0 2 2 5 4 0 N
Elev 4 0 2 9 5
Basin 2 5
10-35 3165c

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED 15 1953
GEOLOGICAL BRANCH
DEPARTMENT of MINES

№ 5847

Water Well Record

County or Territorial District: Carleton Township, ~~Village, Town or City~~: Nepean
Con. I RF Lot 35 Street and Number (if in Village, Town or City):
Owner: [redacted] Address: City View
Date Completed: 28 - 10 - 53 (day) (month) (year) Cost of Well (excluding pump):

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4	Date	28-10-53
Length(s) of casing(s)	19. F.	Static level	14. F.
Type of screen		Pumping level	18. F.
Length of screen		Pumping rate	
Distance from top of screen to ground level		Duration of test	
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral): fresh
Quality (hard, soft, contains iron, sulphur, etc.): hard
Appearance (clear, cloudy, coloured): clear
For what purpose(s) is the water to be used?: domestic
How far is well from possible source of contamination?: 40 F.
What is the source of contamination?: Cement tank
Enclose a copy of any mineral analysis that has been made of water

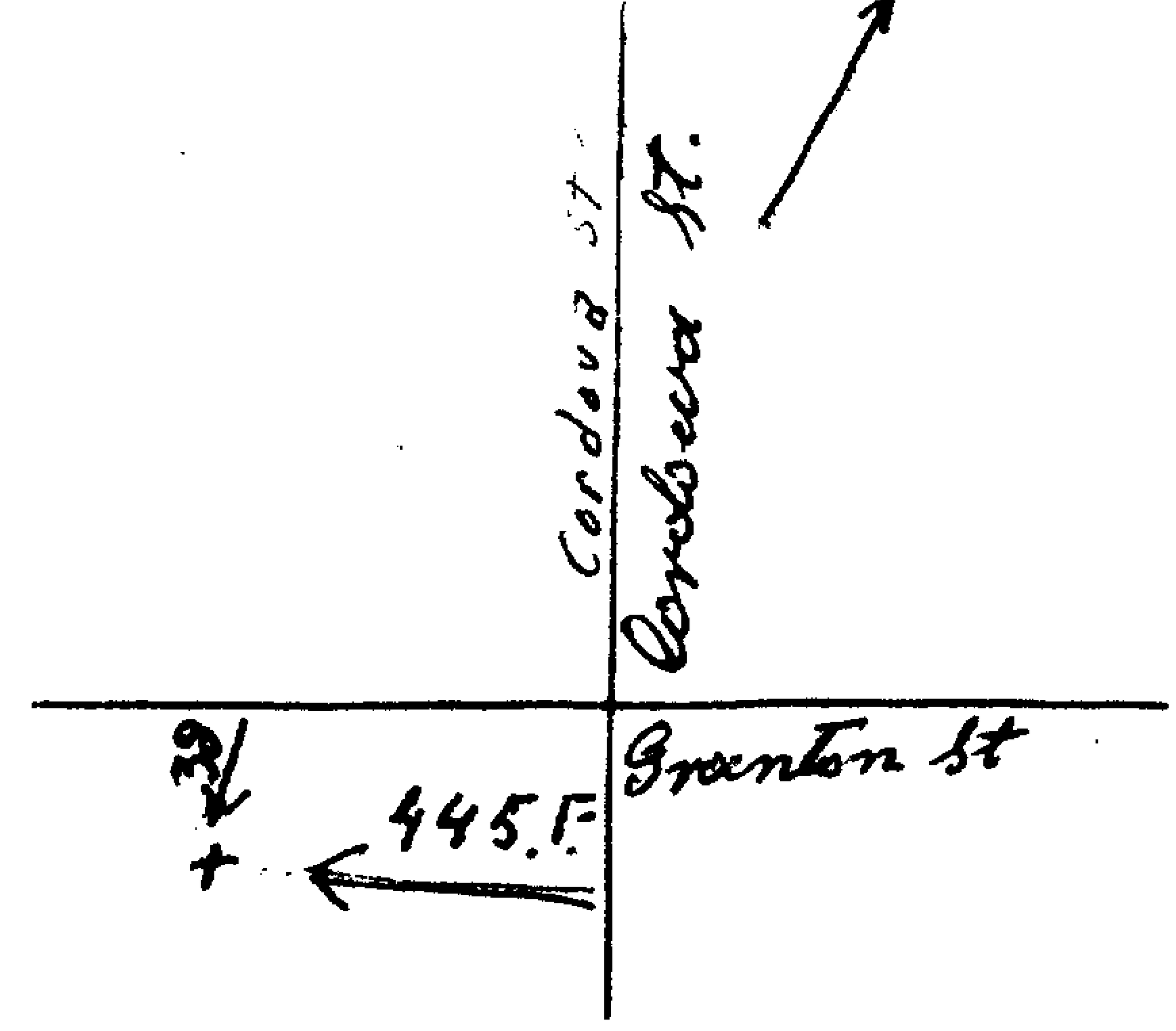
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
43 F.		29 F.

Well Log

Overburden and Bedrock Record	From	To
clay	0 ft.	15 ft.
hard lemistone	15	43
soft lemistone	43	67
hard roke	67	75
soft lemistone	75	105
blake lemistone with shale	105	126
soft sandstone	126	141

Location of Well

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



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm: H. S. Mulligan
Address: Britannia Bay
Name of Driller: A. Pioro Address: 727 Rochester St. Ottawa
Date: 31 - 10 - 53. Licence Number: 571

Antoni Pioro
Signature of Licensee

FORM 5

UTM |1|8| z |4|4|1| |1|9|0| E 31G5c

|5| |5|0|2|2|5|6|5| N

Elev. 4 0295

Basin 25

Lo. 35

15 № 5874

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

Water-Well Record

County or Territorial District Carleton Township, Village, Town or City Nepean

Con. I RF Lot 35 Street and Number (if in Village, Town or City)

Owner [redacted] Oct 4/57 Address

Date completed 4 (day) Oct (month) 1957 (year) City of Ottawa

[redacted]

Pipe and Casing Record

Casing diameter(s) 4"

Length(s) 30'

Type of screen NONE

Length of screen

Pumping Test

Static level 27'

Pumping rate 350 GPH

Pumping level 30'

Duration of test 3 hrs

Well Log

Overburden and Bedrock Record	From ft.	To ft.
Blue Clay	0	27
Limestone Gray	27	172

Water Record

Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
165	138	fresh

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

Is water clear or cloudy? Clear

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

Drilling firm J. B. Dufresne

Address 1014 Gruitland Ottawa

Name of Driller A. Desfossés

Address Stewart St.

Licence Number

I certify that the foregoing statements of fact are true.

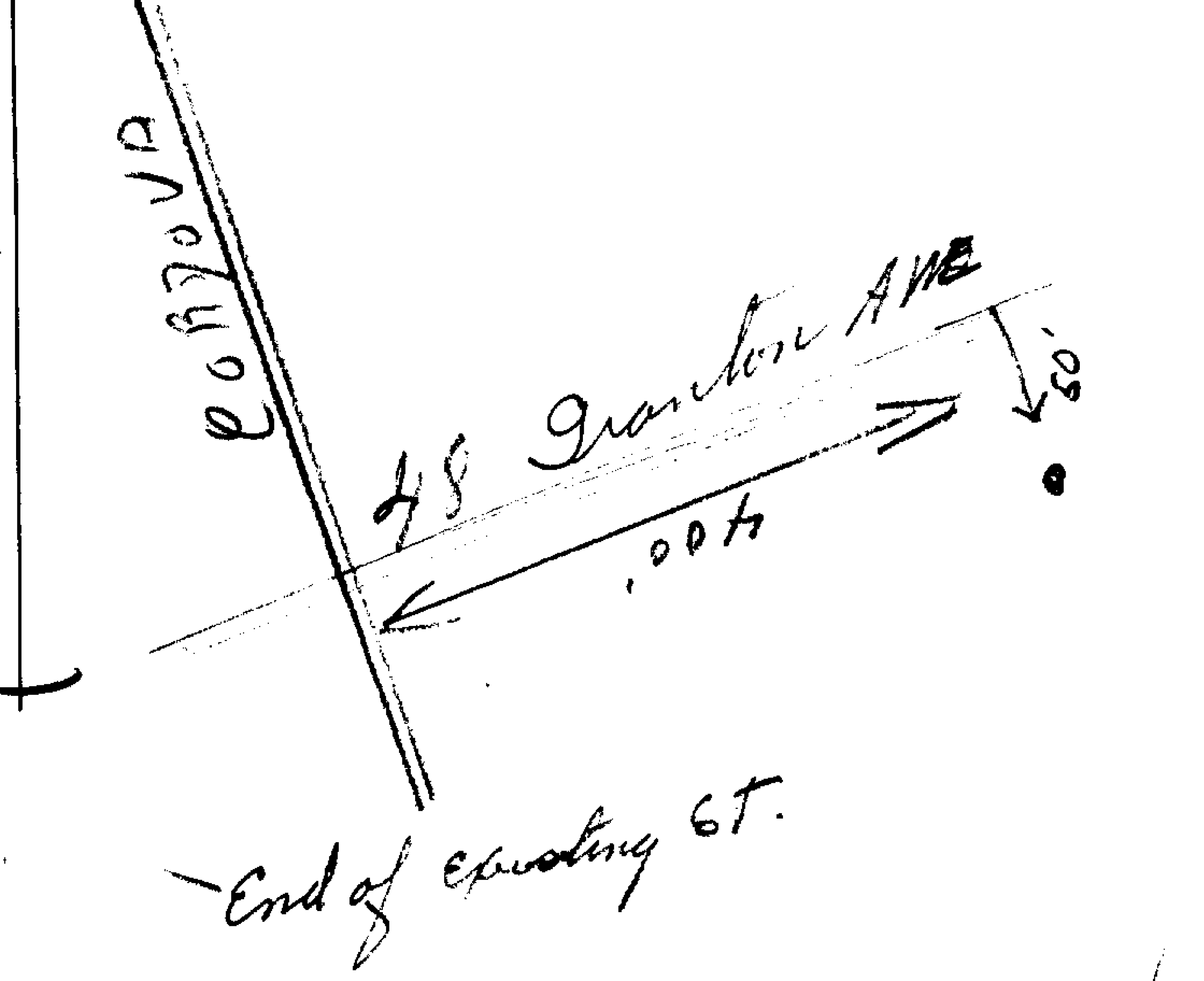
Date Oct 15/57 A. Desfossés

Signature of Licensee

Per J. B. Dufresne

Location of Well

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



Form 5

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

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

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

April 10, 2025

Mr. Mark Bujaki
Paterson Group
9 Auriga Drive
Ottawa, Ontario K2E 7T9
mbujaki@patersongroup.ca

Dear Mark Bujaki:

RE: **MECP FOI A-2025-01626, Your Reference PE6941 – 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:

1767, 1773 Baseline Road, Ottawa

Timeframe: January 01, 1900 to March 11, 2025

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned. This file is now closed.

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 Daniela Jaramillo at daniela.jaramillo@ontario.ca.

Yours truly,
Daniela Jaramillo

for
Josephine DeSouza
Manager, Access and Privacy Office

File Number: D06-03-25-0017

March 13, 2025

Katharina Barley
Paterson Group Inc.

Sent via email mboucher@phoenixhomes.ca; Bhasker6@hotmail.com

Dear Katharina Barley,

Re: Information Request
1767 and 1773 Baseline Road, 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 (ERU) does not have any environmental records for these properties.
- **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
- **Sewer Use Program:** No records found for this property.
- **Solid Waste Services:** No records found for this property.

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 keys 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,

Kaatje Yates

Student Planner
Development Review
Planning, Development and Building Services Department

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

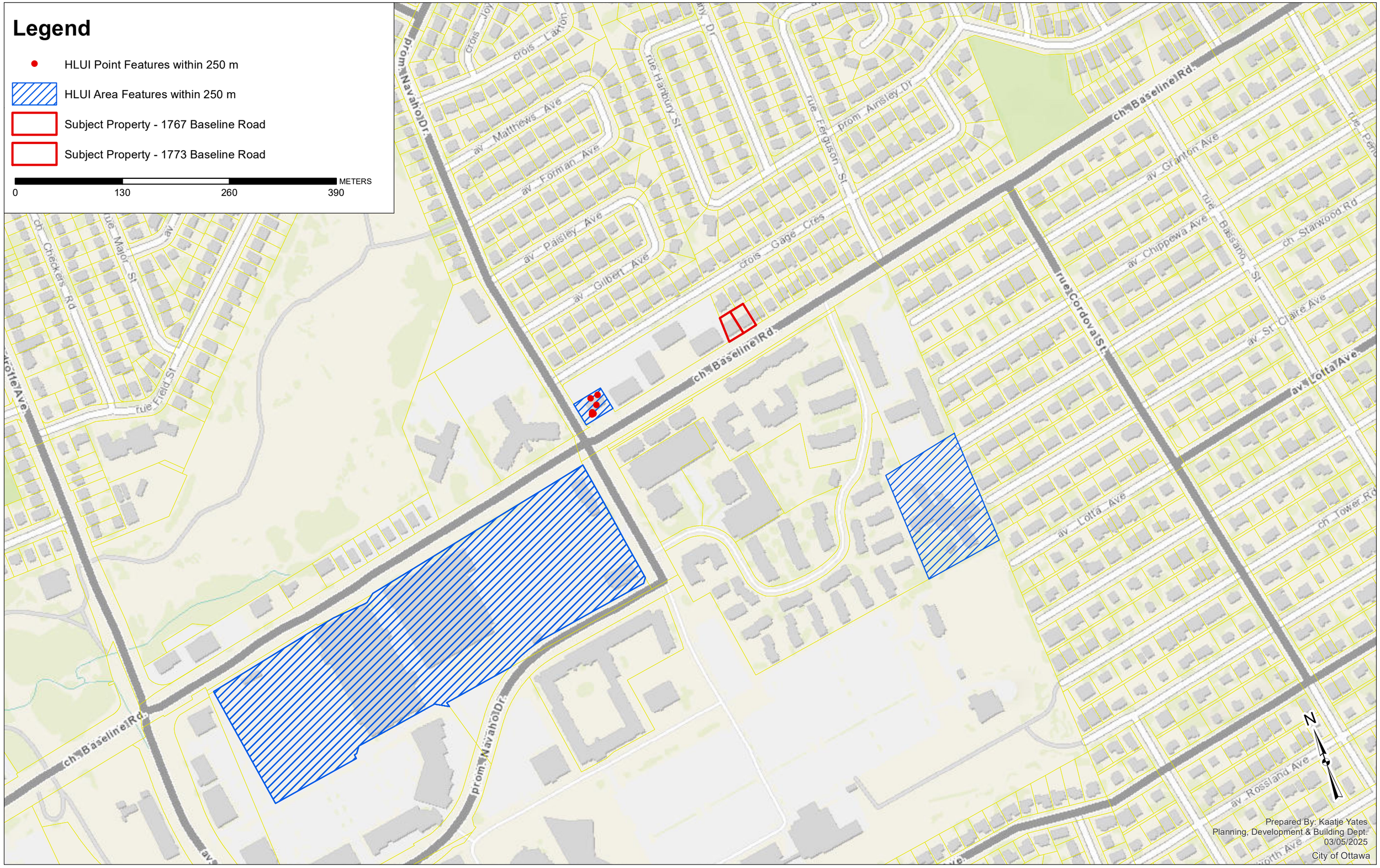
cc: File no. D06-03-25-0017

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP

Legend

- HLUI Point Features within 250 m
- HLUI Area Features within 250 m
- Subject Property - 1767 Baseline Road
- Subject Property - 1773 Baseline Road

0 130 260 390 METERS



Prepared By: Kaatje Yates
Planning, Development & Building Dept.
03/05/2025
City of Ottawa

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	COMMENT
208	GARAGE	Garage	UST				FIP1956	1827	BASELINE	RD	22/03/02 Location Updated. historical address - 1827 Baseline Rd
4183	SUN OIL		UST	gasoline	18160	Permit	Bylaw No. 8022 - P1635, 1636, 1637, 1638, 1639	1827	BASELINE	RD	22/03/02 Location Updated. listed as part a, plan 386705, Baseline Rd & Navaho Dr
4184	SUN OIL		UST	waste oil	4540	Permit	Bylaw No. 8022 - P1635, 1636, 1637, 1638, 1639	1827	BASELINE	RD	22/03/02 Location Updated. listed as part a, plan 386705, Baseline Rd & Navaho Dr
9675	SUN OIL		UST	gasoline	18160	Permit	Bylaw No. 8022 - P1635, 1636, 1637, 1638, 1639	1827	BASELINE	RD	22/03/02 Location Updated. listed as part a, plan 386705, Baseline Rd & Navaho Dr
4091	CANADIAN PETROFINA LTD		UST	gasoline	13620	Permit	Bylaw No. 304-60 VAH6100; 0044 - P1800	1827	BASELINE	RD	22/03/02 Location Updated
4090	CANADIAN PETROFINA LTD		UST	gasoline	22700	Permit	Bylaw No. 304-60 VAH6100; 0044 - P1800	1827	BASELINE	RD	22/03/02 Location Updated
4093	SUN OIL		UST	gasoline	18160	Permit	Bylaw No. 8022 - P1635, 1636, 1637, 1638, 1639	1827	BASELINE	RD	22/03/02 Location Updated. listed as part a, plan 386705, Baseline Rd & Navaho Dr
4092	CANADIAN PETROFINA LTD		UST	fuel oil	2270	Permit	Bylaw No. 304-60 VAH6100; 0044 - P1800	1827	BASELINE	RD	22/03/02 Location Updated
9667	CANADIAN PETROFINA LTD		UST	waste oil	2270	Permit	Bylaw No. 304-60 VAH6100; 0044 - P1800	1827	BASELINE	RD	22/03/02 Location Updated
4185	SUN OIL		UST	fuel oil	4540	Permit	Bylaw No. 8022 - P1635, 1636, 1637, 1638, 1639	1827	BASELINE	RD	22/03/02 Location Updated. listed as part a, plan 386705, Baseline Rd & Navaho Dr
1758			UST	fuel oil			ROW	1827	BASELINE	RD	22/03/02 Location Updated.

HLUI SUMMARY REPORT
POINT FEATURES

MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	TANK_ID	DATE_INSTALLED	NATURE_OF_BUSINESS
363098.6443	5024142.73	Volume4_430.jpg	2			
363095.0279	5024132.252		2	ST2432	21/12/1959	3 - 4000 gal gasoline tank 1 - 1000 gal waste oil tank; & 1 - 1000 gal fuel oil tank
363095.0279	5024132.252		2	ST2829	21/12/1959	3 - 4000 gal gasoline tank 1 - 1000 gal waste oil tank; & 1 - 1000 gal fuel oil tank
363095.0279	5024132.252		2	ST1872	21/12/1959	3 - 4000 gal gasoline tank 1 - 1000 gal waste oil tank; & 1 - 1000 gal fuel oil tank
363093.3236	5024131.097	FR300-VAH6100-0044_002.jpg	1	ST4878	06/06/1961	
363093.5002	5024133.693	FR300-VAH6100-0044_002.jpg	1	ST4067	06/06/1961	
363095.0279	5024132.252		2	ST0507	21/12/1959	3 - 4000 gal gasoline tank 1 - 1000 gal waste oil tank; & 1 - 1000 gal fuel oil tank
363091.554	5024150.769	FR300-VAH6100-0044_002.jpg	1	ST5193	06/06/1961	
363100.027	5024154.898	FR300-VAH6100-0044_002.jpg	1	ST5525	06/06/1961	
363095.0279	5024132.252		2	ST2882	21/12/1959	3 - 4000 gal gasoline tank 1 - 1000 gal waste oil tank; & 1 - 1000 gal fuel oil tank
363095.0276	5024132.252		2	ST7435		1 tank

HLUI SUMMARY REPORT
AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	MUNICIPALITY	ST_NUM2017
10131	LANDAWN SHOPPING CENTRE LIMITED	Electric Power Systems Industry	1995-MOEE-PCB-Inventory; 2004-GWStudy	1	1995	c. 1995	1980	BASELINE	RD	OTTAWA	1900
10098	PIONEER PETROLEUMS	Gasoline Service Stations	2001-ES; 2005-SelectPhone; 2012-ES	1	2001-2012	c. 2001; c. 2005	1980	BASELINE	RD		1900
10095	KONE INC	Other Trade Work	2003-PID	1	2003	c. 2003	114	STARWOOD	RD	OTTAWA	114
10100	FRANK JEWELLERY	Jewellery Stores and Watch And Jewellery Repair Shops	2001-ES	1	2001	c. 2001	1980	BASELINE	RD	OTTAWA	1900
8084	SCOTTY'S SERIVE STATION	Motor Vehicle Repair Shops	1970-M	1	1970		1827	BASELINE	RD	OTTAWA	1827
7882	FREIMART TIRE MART	Motor Vehicle Repair Shops	1965-1980-M	1	1965-1980		1980	BASELINE	RD	OTTAWA	1980
10097	PETRO-CANADA LTD	Gas Station	1990-CD	1	1990	CD 1990	1850	BASELINE	RD		1900
10099	FIRESTONE STORE	Motor Vehicle Repair Shops	1965-FIP-430-40094; 1966-M	1	1965	c. 1965-1980; c. 1980	1980	BASELINE	RD	OTTAWA	1900
6822	PETERMAN'S FINA SERVICE STATION	Motor Vehicle Repair Shops	1965-FIP-430-40250; 1970-M; 1980-M	1	1960-1980	c. 1970; c. 1970-1999	1827	BASELINE	RD	OTTAWA	1827

HLUI SUMMARY REPORT
AREA FEATURES

ST_NAME2017	ST_SUFFIX2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
BASELINE	RD	K2C3Z6	46910233	OLD OTTAWA	221111; 221112; 221113; 221119; 221121; 221122; 493120; 493130; 493190	479; 491	MOEE PCB Site # 40294A016. Oils containing low PCB levels (<1000ppm) are stored on site.		82535.99486	1387.393777
BASELINE	RD	K2C3Z6	46910233	OLD OTTAWA	447110; 447190				82535.99486	1387.393777
STARWOOD	RD	K2G3N5	46910006	NEPEAN	238291				13394.72816	472.3896398
BASELINE	RD	K2C3Z6	46910233	OLD OTTAWA	448310				82535.99486	1387.393777
BASELINE	RD		39930307	OTTAWA					1114.530779	134.7045534
BASELINE	RD		46910233	OTTAWA					82535.99486	1387.393777
BASELINE	RD	K2C3Z6	46910233	OLD OTTAWA					82535.99486	1387.393777
BASELINE	RD	K2C3Z6	46910233	OLD OTTAWA	322220; 326290; 339110; 339990; 415210; 415290; 493120; 493130; 493190; 811112; 811119; 811121	159; 479; 552; 635	#NAME?	1 UST - gasoline	82535.99486	1387.393777
BASELINE	RD	K2C0C1	39930307	OLD OTTAWA	447110; 447190; 811112; 811119; 811121; 811199	633; 635		1 UST - gasoline	1114.530779	134.7045534

DATABASE REPORT

Project Property:	*PE6941 - 1773, 1767 Baseline Road* *1773, 1767 Baseline Road* *Ottawa ON K2C 0C1*
Project No:	
Report Type:	*Standard Report*
Order No:	*25020600883*
Requested by:	*Paterson Group Inc.*
Date Completed:	*February 7, 2025*

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

Table of Contents

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Executive Summary

Property Information:

Project Property: *PE6941 - 1773, 1767 Baseline Road*
1773, 1767 Baseline Road Ottawa ON K2C 0C1

Project No:

Coordinates:

Latitude:	*45.3557056*
Longitude:	*-75.753694*
UTM Northing:	*5,022,742.28*
UTM Easting:	*440,966.10*
UTM Zone:	*18T*

Elevation: *285 FT*
86.94 M

Order Information:

Order No: *25020600883*
Date Requested: *February 6, 2025*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	*Abandoned Aggregate Inventory*	Y	0	0	0
AGR	*Aggregate Inventory*	Y	0	0	0
AMIS	*Abandoned Mine Information System*	Y	0	0	0
ANDR	*Anderson's Waste Disposal Sites*	Y	0	0	0
AST	*Aboveground Storage Tanks*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	2	2
CA	*Certificates of Approval*	Y	0	0	0
CDRY	*Dry Cleaning Facilities*	Y	0	0	0
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*Chemical Manufacturers and Distributors*	Y	0	0	0
CHM	*Chemical Register*	Y	0	0	0
CNG	*Compressed Natural Gas Stations*	Y	0	0	0
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	Y	0	0	0
CONV	*Compliance and Convictions*	Y	0	0	0
CPU	*Certificates of Property Use*	Y	0	0	0
DRL	*Drill Hole Database*	Y	0	0	0
DTNK	*Delisted Fuel Tanks*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	0	0
EBR	*Environmental Registry*	Y	0	0	0
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	12	12
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
EPAR	*Environmental Penalty Annual Report*	Y	0	0	0
EXP	*List of Expired Fuels Safety Facilities*	Y	0	0	0
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	Y	0	0	0
FST	*Fuel Storage Tank*	Y	0	0	0
FSTH	*Fuel Storage Tank - Historic*	Y	0	0	0
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	5	5
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	8	8
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	3	3

Database	Name	Searched	Project Property	Within 0.25 km	Total
Total:		0		32	32

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	SPL	Enbridge Gas<UNOFFICIAL>	1765 Baseline Ave Ottawa ON K2C 0C1	NE/19.8	-0.01	18
2	EHS		1815 Baseline Rd Ottawa ON K2C0C5	W/28.2	-0.14	19
3	SPL	PRIVATE RESIDENCE	1757 BASELINE RD FURNACE OIL TANK OTTAWA CITY ON K2C 0C1	ENE/56.2	0.02	19
4	SPL	LAIDLAW WASTE SYSTEMS LTD.	1800 BASELINE RD. MOTOR VEHICLE (OPERATING FLUID) NEPEAN CITY ON K2C 3N1	ESE/70.6	0.76	20
4	EHS		1800 Baseline Road Ottawa ON	ESE/70.6	0.76	20
5	BORE		ON	SE/74.9	0.01	21
6	EHS		2, 4, 6-16, 11-45, and 47 Deerfield Drive Ottawa ON	ESE/81.1	0.76	22
7	WWIS		lot 35 con 1 ON ***Well ID:*** 1505716	ESE/88.4	0.76	22
8	EHS		1785, 1795, 1805 and 1815 Baseline Road Ottawa Ottawa ON K2C 0C4	WSW/107.7	-1.06	25
9	BORE		ON	E/108.8	0.97	25
10	EHS		1785, 1795, 1805, 1815 Baseline Rd Ottawa ON	WSW/154.1	-1.14	27
10	EHS		1785, 1795, 1805 AND 1815 BASELINE ROAD OTTAWA ON	WSW/154.1	-1.14	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	WWIS		lot 35 con 1 ON ***Well ID:*** 1505717	E/159.8	1.07	27
12	EHS		20 Deerfield Dr Nepean ON K2G 4L2	SSW/180.3	-0.80	30
13	SPL		OTTAWA ON	WSW/200.7	-2.07	30
14	EHS		1827 Baseline Road Ottawa ON	WSW/205.6	-2.07	31
15	SPL	Enbridge Energy Distribution Inc.	1818 Gilbert Ave. Ottawa ON	W/207.6	-2.07	31
15	PINC	PIPELINE HIT 1/2"	1818 GILBERT AVE,,OTTAWA,ON,K2C 1A4,CA ON	W/207.6	-2.07	32
16	EHS		18 Deerfield Dr Ottawa ON K2G4L1	S/213.6	-0.04	32
17	EHS		1827 Baseline Rd Ottawa ON K2C 0C1	WSW/218.2	-2.07	32
18	EHS		1814 Baseline Rd Ottawa ON K2G 4L2	SSE/220.3	0.65	33
19	GEN	MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE/221.5	1.16	33
19	GEN	MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE/221.5	1.16	34
19	GEN	MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE/221.5	1.16	35
19	GEN	MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE/221.5	1.16	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	EHS		18-20 Deerfield Drive Ottawa (formerly City of Nepean) ON	SSW/228.2	-1.02	40
20	GEN	Minto Apartments Ltd.	20 Deeffield Dr. Ottawa ON	SSW/228.2	-1.02	40
21	SPL	Waste Management Inc.	Baseline Rd. & Navaho <UNOFFICIAL> Ottawa ON	WSW/237.7	-2.08	40
22	SPL		1720 Baseline Road Ottawa ON	ESE/239.4	2.09	41
23	WWIS		lot 35 con 1 ON ***Well ID:*** 1505842	E/239.6	2.81	42
24	PINC	PIPELINE HIT - 1 ¼"	14 DEERFIELD DR,,OTTAWA,ON,K2G 3R6,CA ON	SSE/246.0	0.78	45
25	SPL	Minto Development - Private Property<UNOFFICIAL>	13 Deerfield Dr., Ottawa Ottawa ON	SE/248.5	1.16	45

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SE	74.85	5
	ON	E	108.79	9

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 12 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1800 Baseline Road Ottawa ON	ESE	70.62	4
	2, 4, 6-16, 11-45, and 47 Deerfield Drive Ottawa ON	ESE	81.11	6
	1814 Baseline Rd Ottawa ON K2G 4L2	SSE	220.26	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
	1815 Baseline Rd Ottawa ON K2C0C5	W	28.23	2
	1785, 1795, 1805 and 1815 Baseline Road Ottawa Ottawa ON K2C 0C4	WSW	107.75	8

1785, 1795, 1805 AND 1815 BASELINE ROAD OTTAWA ON	WSW	154.09	10
1785, 1795, 1805, 1815 Baseline Rd Ottawa ON	WSW	154.09	10
20 Deerfield Dr Nepean ON K2G 4L2	SSW	180.29	12
1827 Baseline Road Ottawa ON	WSW	205.63	14
18 Deerfield Dr Ottawa ON K2G4L1	S	213.59	16
1827 Baseline Rd Ottawa ON K2C 0C1	WSW	218.18	17
18-20 Deerfield Drive Ottawa (formerly City of Nepean) ON	SSW	228.19	20

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2022 has found that there are 5 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE	221.54	19
MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE	221.54	19
MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE	221.54	19
MINTO PROPERTIES	10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	SE	221.54	19

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
Minto Apartments Ltd.	20 Deeffield Dr. Ottawa ON	SSW	228.19	20

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT - 1 ¼"	14 DEERFIELD DR,,OTTAWA,ON, K2G 3R6,CA ON	SSE	246.01	24

Lower Elevation	Address	Direction	Distance (m)	Map Key
PIPELINE HIT 1/2"	1818 GILBERT AVE,,OTTAWA,ON, K2C 1A4,CA ON	W	207.60	15

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug 2024; Oct 2024 has found that there are 8 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
PRIVATE RESIDENCE	1757 BASELINE RD FURNACE OIL TANK OTTAWA CITY ON K2C 0C1	ENE	56.16	3
LAIDLAW WASTE SYSTEMS LTD.	1800 BASELINE RD. MOTOR VEHICLE (OPERATING FLUID) NEPEAN CITY ON K2C 3N1	ESE	70.62	4
	1720 Baseline Road Ottawa ON	ESE	239.39	22
Minto Development - Private Property<UNOFFICIAL>	13 Deerfield Dr., Ottawa Ottawa ON	SE	248.48	25

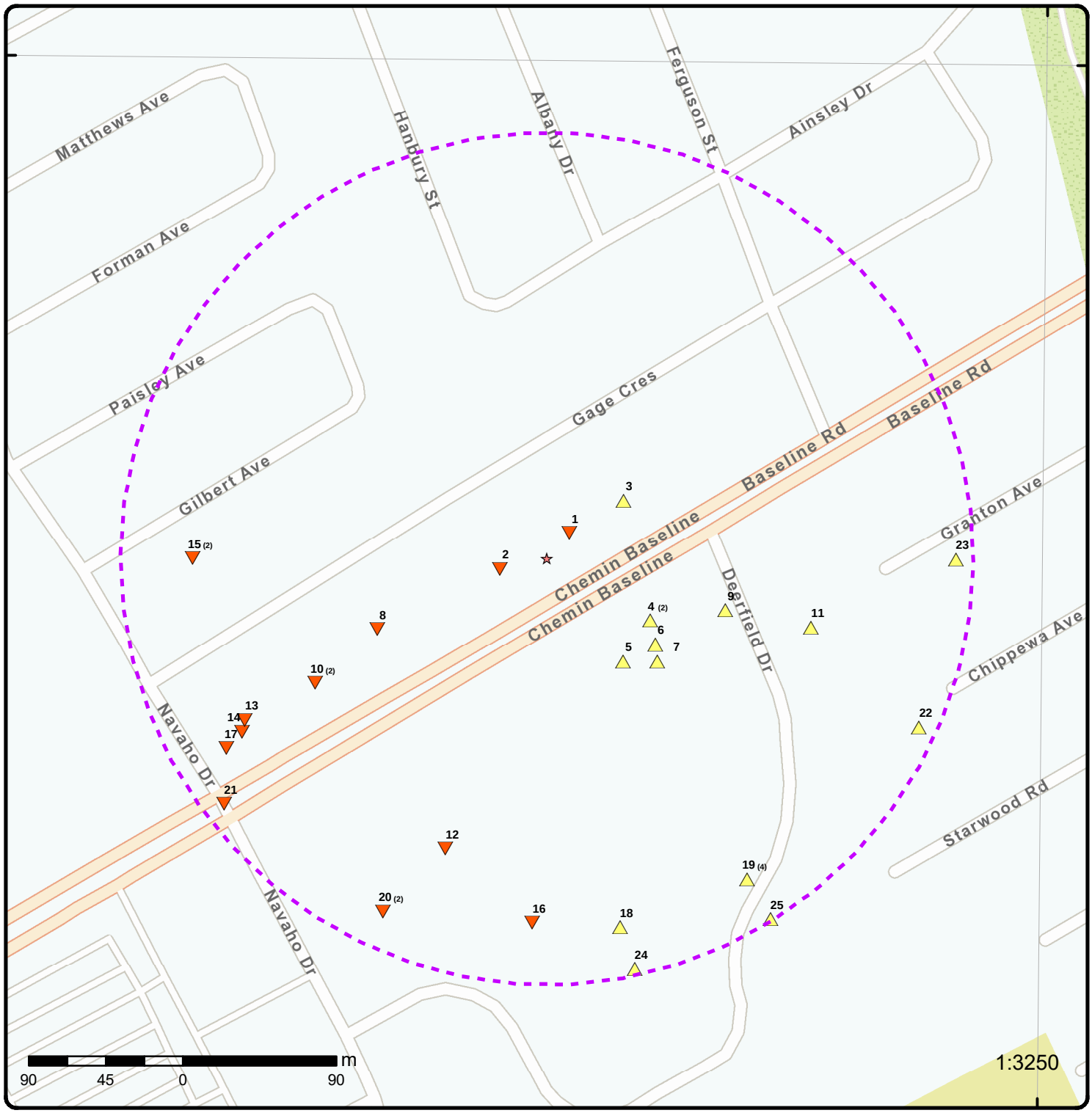
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

Lower Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas<UNOFFICIAL>	1765 Baseline Ave Ottawa ON K2C 0C1	NE	19.83	1
	OTTAWA ON	WSW	200.73	13
Enbridge Energy Distribution Inc.	1818 Gilbert Ave. Ottawa ON	W	207.60	15
Waste Management Inc.	Baseline Rd. & Navaho <UNOFFICIAL> Ottawa ON	WSW	237.68	21

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 35 con 1 ON ***Well ID:*** 1505716	ESE	88.36	7
	lot 35 con 1 ON ***Well ID:*** 1505717	E	159.76	11
	lot 35 con 1 ON ***Well ID:*** 1505842	E	239.60	23



Map: 0.25 Kilometer Radius

Order Number: 25020600883

Address: 1773, 1767 Baseline Road, Ottawa, ON

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

Source: © 2021 ESRI StreetMap Premium.

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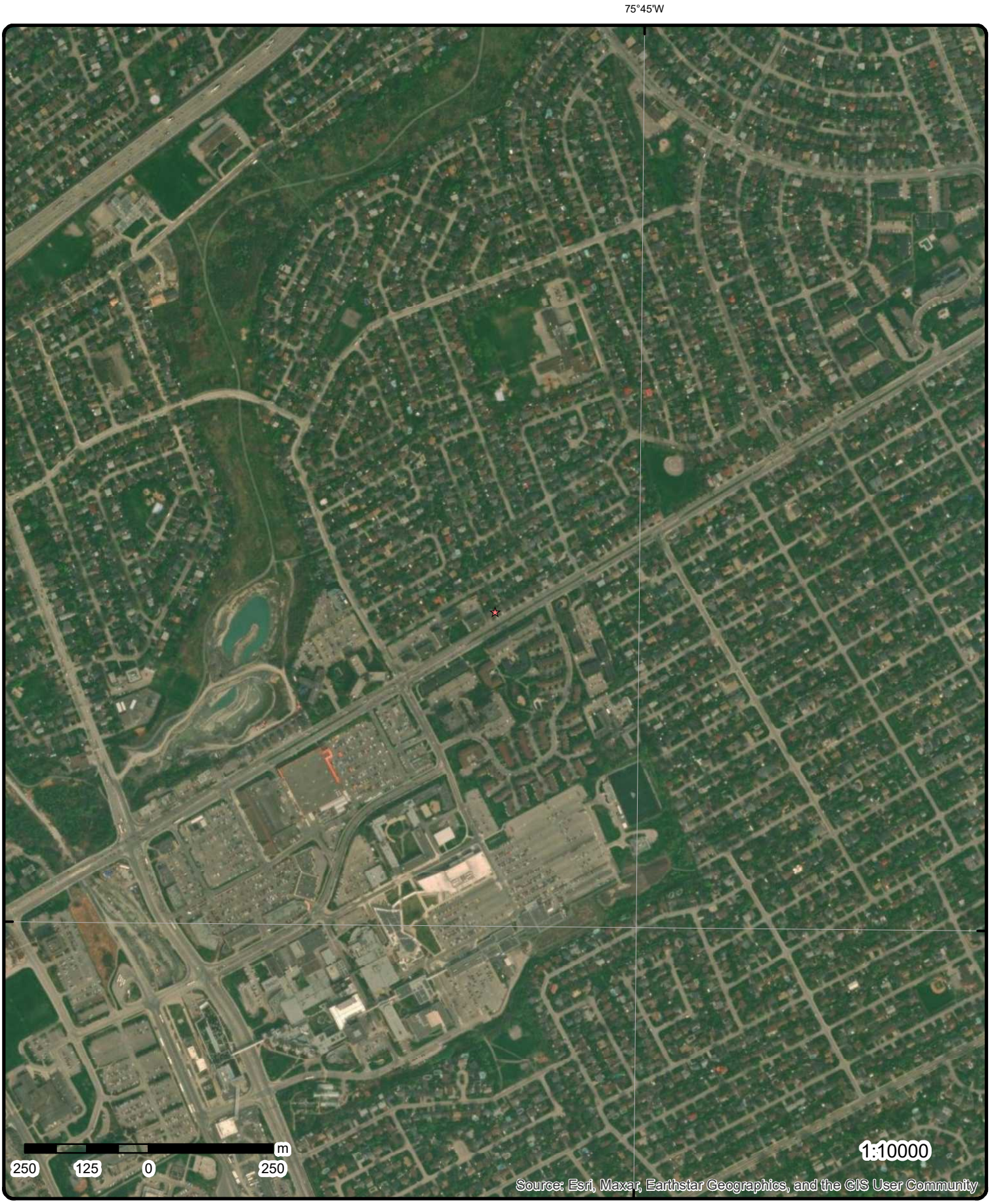

Aerial **Year: 2023**

Order Number: 25020600883

Address: 1773, 1767 Baseline Road, Ottawa, ON

Source: ESRI World Imagery

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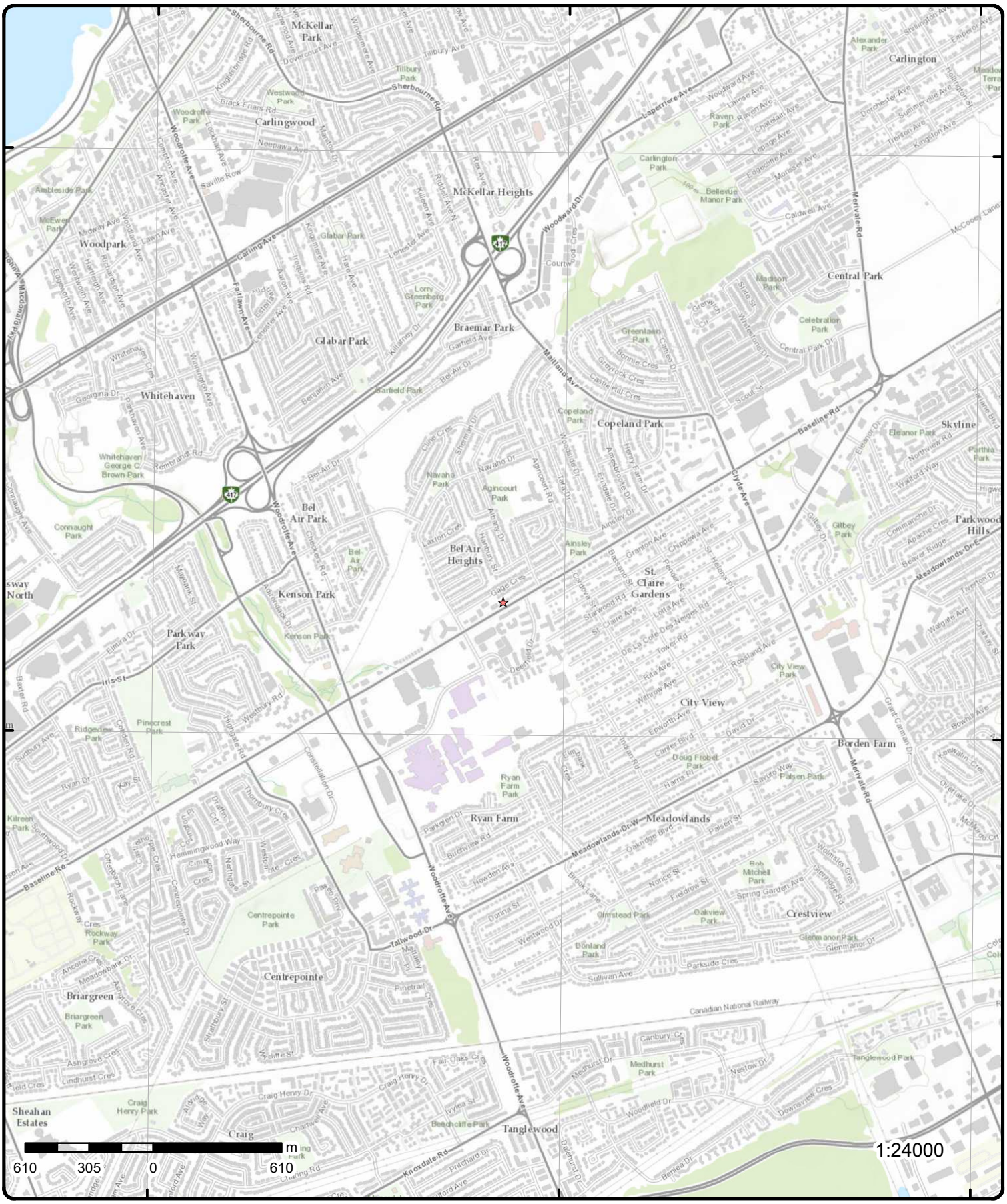

Topographic Map

Address: 1773, 1767 Baseline Road, ON

Source: ESRI World Topographic Map

Order Number: 25020600883

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NE/19.8	86.9 / -0.01	Enbridge Gas<UNOFFICIAL> 1765 Baseline Ave Ottawa ON K2C 0C1	SPL

Ref No: 3151-5HYJ9J
Year:
Incident Dt: 1/19/2003
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/20/2003
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: PRIVATE RESIDENCE<UNOFFICIAL>
Site Address:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name: Enbridge Gas<UNOFFICIAL>
Client Type:
Source Type:
Incident Cause: Other Transport Accident
Incident Preceding Spill:
Incident Reason:
Incident Summary: Enbridge Gas -gas leak to atm due to accident
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Air
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Spill to Air
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Gases/Particulate
Impact to Health:
Agency Involved:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	W/28.2	86.8 / -0.14	1815 Baseline Rd Ottawa ON K2C0C5	EHS

Order No:	20150325001	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	30-MAR-15	**Search Radius (km):**	.25
Date Received:	25-MAR-15	**X:**	-75.754045
Previous Site Name:		**Y:**	45.355648
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	ENE/56.2	87.0 / 0.02	PRIVATE RESIDENCE 1757 BASELINE RD FURNACE OIL TANK OTTAWA CITY ON K2C 0C1	SPL

Ref No:	91764	**Municipality No:**	20101
Year:		**Nature of Damage:**	
Incident Dt:	//	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	9/28/1993	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	OTTAWA CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Preceding Spill:			
Incident Reason:	UNKNOWN		
Incident Summary:	PRIVATE RESIDENCE - 450 LFURNACE OIL UNDER BASEMENT FLOOR		
Environment Impact:	CONFIRMED		
Health Env Consequence:			
Nature of Impact:	Soil contamination		
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			

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

Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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4 | ***1 of 2*** | ***ESE/70.6*** | ***87.7 / 0.76*** | ***LAIDLAW WASTE SYSTEMS LTD.***
1800 BASELINE RD. MOTOR VEHICLE (OPERATING FLUID)
NEPEAN CITY ON K2C 3N1 | ***SPL***

Ref No:	87728	***Municipality No:***	20104
Year:		***Nature of Damage:***	
Incident Dt:	6/29/1993	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	6/29/1993	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: NEPEAN CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Entity Operating Name:
Client Name:
Client Type:
Source Type:
Incident Cause: PIPE/HOSE LEAK
Incident Preceding Spill:
Incident Reason: CORROSION
Incident Summary: LAIDLAW WASTE SYSTEMS: 70L HYDRAULIC OIL LEAK FROM GARBAGE TRUCK
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
Contaminant Qty 1:
Contaminant Unit:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

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4 | ***2 of 2*** | ***ESE/70.6*** | ***87.7 / 0.76*** | ***1800 Baseline Road***
Ottawa ON | ***EHS***

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

Order No:	20111109001	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11/15/2011	**Search Radius (km):**	0.25
Date Received:	11/9/2011 8:43:19 AM	**X:**	-75.753511
Previous Site Name:		**Y:**	45.355299
Lot/Building Size:			
Additional Info Ordered:			

5 **1 of 1** **SE/74.9** **86.9 / 0.01** **ON** **BORE**

Borehole ID:	612565	**Inclin FLG:**	No
OGF ID:	215513871	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	FEB-1973	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.355168
Total Depth m:	6.8	**Longitude DD:**	-75.753118
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	441011
Drill Method:		**Northing:**	5022682
Orig Ground Elev m:	86.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	87.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218391700	**Mat Consistency:**	Compact
Top Depth:	4.9	**Material Moisture:**	
Bottom Depth:	5.5	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Silt	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Till	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SILT. GREY,COMPACT.		

Geology Stratum ID:	218391698	**Mat Consistency:**	Stiff
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.8	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BROWN,VERY STIFF TO STIFF, WEATHERED.		

Geology Stratum ID:	218391699	**Mat Consistency:**	Firm
Top Depth:	2.8	**Material Moisture:**	
Bottom Depth:	4.9	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	

Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. GREY,FIRM.		

Geology Stratum ID:	218391701	**Mat Consistency:**	
Top Depth:	5.5	**Material Moisture:**	
Bottom Depth:	6.8	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. GREY,SOUND. 000000080009200100160008500065 040 00125 010 000000330075 **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: 050730 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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6 | ***1 of 1*** | ***ESE/81.1*** | ***87.7 / 0.76*** | ***2, 4, 6-16, 11-45, and 47 Deerfield Drive Ottawa ON*** | ***EHS***

Order No:	20111110028	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11/21/2011	**Search Radius (km):**	0.25
Date Received:	11/10/2011 11:16:43 AM	**X:**	-75.752876
Previous Site Name:		**Y:**	45.355258
Lot/Building Size:			
Additional Info Ordered:			

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7 | ***1 of 1*** | ***ESE/88.4*** | ***87.7 / 0.76*** | ***lot 35 con 1 ON*** | ***WWIS***

Well ID:	1505716	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11/12/1949
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3566
Tag:		**Form Version:**	1

Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	035
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505716.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/16/1949
Year Completed:	1949
Depth (m):	18.288
Latitude:	45.3551684710796
Longitude:	-75.7528621105765
X:	-75.75286194900073
Y:	45.35516846436974
Path:	150\1505716.pdf

Bore Hole Information

Bore Hole ID:	10027759	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	441030.70
Code OB Desc:		***North83:***	5022682.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/16/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931002811
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931002810
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961505716
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10576329
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930048275
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930048274
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991505716
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	11.0

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

Recommended Pump Depth:	
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933459630
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933459631
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

---

8 | ***1 of 1*** | ***WSW/107.7*** | ***85.9 / -1.06*** | ***1785, 1795, 1805 and 1815 Baseline Road Ottawa Ottawa ON K2C 0C4*** | ***EHS***

Order No:	20310300123	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	06-NOV-20	**Search Radius (km):**	.25
Date Received:	03-NOV-20	**X:**	-75.7549582
Previous Site Name:		**Y:**	45.3553233
Lot/Building Size:			
Additional Info Ordered:			

---

9 | ***1 of 1*** | ***E/108.8*** | ***87.9 / 0.97*** | ***ON*** | ***BORE***

Borehole ID:	612568	**Inclin FLG:**	No
OGF ID:	215513874	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	FEB-1973	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.355443
Total Depth m:	6.2	**Longitude DD:**	-75.752356
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	441071
Drill Method:		**Northing:**	5022712
Orig Ground Elev m:	87.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	87.7		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218391707
Top Depth: 0
Bottom Depth: .3
Material Color: Brown
Material 1:
Material 2: Clay
Material 3: Silt
Material 4: Gravel
Gsc Material Description:
Stratum Description: ARTIFICIAL. BROWN.

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

Geology Stratum ID: 218391710
Top Depth: 4.7
Bottom Depth: 6.2
Material Color: Grey
Material 1: Silt
Material 2: Sand
Material 3: Till
Material 4:
Gsc Material Description:
Stratum Description: SILT. GREY,LOOSE,DENSE. 0009501505005000095011001550015 040 00125 010 000000330075 **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 218391709
Top Depth: 2.9
Bottom Depth: 4.7
Material Color: Grey
Material 1: Clay
Material 2: Silt
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. GREY,FIRM.

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

Geology Stratum ID: 218391708
Top Depth: .3
Bottom Depth: 2.9
Material Color: Brown
Material 1: Clay
Material 2: Silt
Material 3: Sand
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BROWN,VERY STIFF TO STIFF, WEATHERED.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 050760 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

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

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
10	1 of 2	WSW/154.1	85.8 / -1.14	1785, 1795, 1805, 1815 Baseline Rd Ottawa ON	EHS

Order No:	20031218005	***Nearest Intersection:***	Baseline & Navaho
Status:	C	***Municipality:***	
Report Type:	Basic Report	***Client Prov/State:***	ON
Report Date:	12/30/03	***Search Radius (km):***	0.35
Date Received:	12/18/03	***X:***	-75.754538
Previous Site Name:		***Y:***	45.355274
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	2 of 2	WSW/154.1	85.8 / -1.14	1785, 1795, 1805 AND 1815 BASELINE ROAD OTTAWA ON	EHS

Order No:	20071219010	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	CAN - Custom Report	***Client Prov/State:***	
Report Date:	1/3/2008	***Search Radius (km):***	0.25
Date Received:	12/19/2007	***X:***	-75.754811
Previous Site Name:		***Y:***	45.3554
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	E/159.8	88.0 / 1.07	lot 35 con 1 ON	WWIS

Well ID:	1505717	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/25/1950
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5448
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	035
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505717.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/04/1950
Year Completed: 1950
Depth (m): 9.144
Latitude: 45.3553560504925
Longitude: -75.751715561859
X: -75.7517153999231
Y: 45.35535604329663
Path: 150\1505717.pdf

Bore Hole Information

Bore Hole ID: 10027760
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/04/1950
Remarks:
Elevation:
Elevrc:
Zone: 18
East83: 441120.70
North83: 5022702.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931002812
Layer: 1
Color:
General Color:
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931002813
Layer: 2
Color:
General Color:
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961505717
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10576330
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930048276
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	8.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930048277
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	30.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991505717
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	8.0
Recommended Pump Depth:	
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	45
Flowing:	No

Water Details

Water ID:	933459632

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

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

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12 **1 of 1** **SSW/180.3** **86.1 / -0.80** **20 Deerfield Dr**
Nepean ON K2G 4L2 **EHS**

Order No:	23041300230	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	18-APR-23	**Search Radius (km):**	.25
Date Received:	13-APR-23	**X:**	-75.7544332
Previous Site Name:		**Y:**	45.3541688
Lot/Building Size:			
Additional Info Ordered:			

---

13 **1 of 1** **WSW/200.7** **84.9 / -2.07**
OTTAWA ON **SPL**

Ref No:	1-CAFEY5	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	Oct 19,2024 01:30:00 PM	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	Oct 19,2024 02:34:16 PM	**Impact to Health:**	
Dt Document Closed:	Oct 21,2024 12:43:47 PM	**Agency Involved:**	

Site No:	
MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	Truck - Transport/Hauling
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Incident Reason:	Leak (Specify the source)
Incident Summary:	Waste Management Ottawa: 20-30 gallons hydraulic oil to road; cleaned
Environment Impact:	
Health Env Consequence:	Low
Nature of Impact:	
Contaminant Qty:	118 litre (L)
Contaminant Qty 1:	
Contaminant Unit:	
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land

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

Activity Preceding Spill: Normal operations
Property 2nd Watershed: Lower Ottawa
Property Tertiary Watershed: 02KE - Lower Madawaska
Sector Type: WASTE COLLECTION
SAC Action Class:
Call Report Locatn Geodata: {"integration_ids":["PR00003953579"],"wkts":["POINT (-75.7559422000 45.3548385000)"],"creation_date":"2024-10-19"}
Time Reported:
System Facility Address:

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14 | **1 of 1** | **WSW/205.6** | **84.9 / -2.07** | **1827 Baseline Road Ottawa ON** | **EHS**

Order No: 20131030092
Status: C
Report Type: Custom Report
Report Date: 06-NOV-13
Date Received: 29-OCT-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.755964
Y: 45.354776

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15 | **1 of 2** | **W/207.6** | **84.9 / -2.07** | **Enbridge Energy Distribution Inc. 1818 Gilbert Ave. Ottawa ON** | **SPL**

Ref No: 0706-B5ZKTK
Year:
Incident Dt: 2018/10/29
Dt MOE Arvl on Scn:
MOE Reported Dt: 2018/10/29
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Line Strike Site<UNOFFICIAL>
Site Address: 1818 Gilbert Ave.
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: 5022740.9
Easting: 440720.22
Entity Operating Name:
Client Name: Enbridge Energy Distribution Inc.
Client Type: Corporation
Source Type: Pipeline/Components
Incident Cause:
Incident Preceding Spill: Leak/Break
Incident Reason: Operator/Human Error
Incident Summary: TSSA FSB: Half-Inch Plastic IP Line Strike, Made Safe - OTTAWA
Environment Impact:
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
Contaminant Qty 1: 0
Contaminant Unit: other - see incident description
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health: 2 - Minor Environment
Agency Involved:

Contaminant Code:	35
Contaminant Name:	NATURAL GAS (METHANE)
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	1075
Receiving Medium:	Air
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Communal
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

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15 | ***2 of 2*** | ***W/207.6*** | ***84.9 / -2.07*** | ***PIPELINE HIT 1/2"***
1818 GILBERT AVE,,OTTAWA,ON,K2C 1A4,CA
ON | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	2429844	**Fuel Category:**	
Incident Reported Dt:	10/30/2018	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT 1/2"		
Incident Address:	1818 GILBERT AVE,,OTTAWA,ON,K2C 1A4,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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16 | ***1 of 1*** | ***S/213.6*** | ***86.9 / -0.04*** | ***18 Deerfield Dr***
Ottawa ON K2G4L1 | ***EHS***

Order No:	20160302008	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	07-MAR-16	**Search Radius (km):**	.25
Date Received:	02-MAR-16	**X:**	-75.753777
Previous Site Name:		**Y:**	45.353784
Lot/Building Size:			
Additional Info Ordered:			

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17 | ***1 of 1*** | ***WSW/218.2*** | ***84.9 / -2.07*** | ***1827 Baseline Rd***
Ottawa ON K2C 0C1 | ***EHS***

Order No:	20071116031	**Nearest Intersection:**	

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

Status:	C	**Municipality:**	
Report Type:	CAN - Basic Report	**Client Prov/State:**	
Report Date:	11/22/2007	**Search Radius (km):**	0.25
Date Received:	11/15/2007	**X:**	-75.756078
Previous Site Name:		**Y:**	45.35469
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	SSE/220.3	87.6 / 0.65	1814 Baseline Rd Ottawa ON K2G 4L2	EHS

Order No:	22092804035	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	03-OCT-22	**Search Radius (km):**	.25
Date Received:	28-SEP-22	**X:**	-75.75312078
Previous Site Name:		**Y:**	45.35376467
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	1 of 4	SE/221.5	88.1 / 1.16	MINTO PROPERTIES 10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	GEN

Generator Info

Generator No:	ON9879994	**Choice of Contact:**	
Approval Years:	As of Dec 2018	**Contaminated Fac:**	
Status:	Registered	**MHSW Facility:**	
PO Box No:		**SIC Code:**	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class:	331 R
Waste Class Name:	Waste compressed gases including cylinders

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	2 of 4	SE/221.5	88.1 / 1.16	MINTO PROPERTIES 10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	GEN

Generator Info

Generator No: ON9879994
Approval Years: As of Jul 2020
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 331 R
Waste Class Name: Waste compressed gases including cylinders

Waste Detail(s)

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

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19 | ***3 of 4*** | ***SE/221.5*** | ***88.1 / 1.16*** | ***MINTO PROPERTIES
10 DEERFIELD DRIVE
OTTAWA ON K2E 7E8*** | ***GEN***

Generator Info

Generator No: ON9879994
Approval Years: As of Nov 2021
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 122 C

Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Detail(s)

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Waste Detail(s)

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

Waste Detail(s)

Waste Class: 331 R
Waste Class Name: Waste compressed gases including cylinders

19	4 of 4	SE/221.5	88.1 / 1.16	MINTO PROPERTIES 10 DEERFIELD DRIVE OTTAWA ON K2E 7E8	GEN

Generator Info

Generator No: ON9879994
Approval Years: As of Oct 2022
Status: Registered
PO Box No:
Country: Canada
Co Admin:
Phone No Admin:
SIC Description:

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code:

Waste Detail(s)

Waste Class: 112 C
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Detail(s)

Waste Class: 331 I
Waste Class Name: WASTE COMPRESSED GASES

Waste Detail(s)

Waste Class: 263 I
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Detail(s)

Waste Class: 242 A
Waste Class Name: HALOGENATED PESTICIDES

Waste Detail(s)

Waste Class: 122 C
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Detail(s)

Waste Class: 252 L
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Detail(s)

Waste Class: 145 I
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Detail(s)

Waste Class: 331 R
Waste Class Name: WASTE COMPRESSED GASES

2017 Generator Info

Gen No: ON9879994
ID: 38563
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 531310
NAICS Code2:
NAICS Code3:
Gen Name: MINTO PROPERTIES
Gen Div:
Gen Op Name: MINTO PROPERTIES
Gen Op Div:
Site Adrs1: 10 DEERFIELD DRIVE
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: OTTAWA
Province Out:
Site Postal Code: K2E 7E8
Site Country: Canada
Co Official: Paul Berthiaume
Co Admin: Derek Rider
Choice of Contact: CO_ADMIN
Phone No Official: 613-786-3012 Ext.
Phone No Admin: 6132250493 Ext.2307
County Ont: OTTAWA CARLTON (RM)
County Out:
District: 402

2017 Generator Manifest

ID: 67533
Generator No: ON9879994
Receiver Type: 035
Waste Char: I
Waste Code: 331
Sum Received Qty: 20.0
Waste Class Name: WASTE COMPRESSED GASES
Count Manifests: 1
District: 402

2017 Generator Manifest

ID: 67527
Generator No: ON9879994
Receiver Type: 035
Waste Char: C
Waste Code: 112
Sum Received Qty: 100.0
Waste Class Name: ACID WASTE - HEAVY METALS
Count Manifests: 1
District: 402

2017 Generator Manifest

ID: 67528
Sum Received Qty: 100.0

Generator No:	ON9879994	**Waste Class Name:**	ALKALINE WASTES - OTHER METALS
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	C	**District:**	402
Waste Code:	122		

2017 Generator Manifest

ID:	67531	**Sum Received Qty:**	120.0
Generator No:	ON9879994	**Waste Class Name:**	WASTE OILS & LUBRICANTS
Receiver Type:	035	**Count Manifests:**	2
Waste Char:	L	**District:**	402
Waste Code:	252		

2017 Generator Manifest

ID:	67532	**Sum Received Qty:**	200.0
Generator No:	ON9879994	**Waste Class Name:**	ORGANIC LABORATORY CHEMICALS
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	I	**District:**	402
Waste Code:	263		

2017 Generator Manifest

ID:	67534	**Sum Received Qty:**	100.0
Generator No:	ON9879994	**Waste Class Name:**	WASTE COMPRESSED GASES
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	R	**District:**	402
Waste Code:	331		

2017 Generator Manifest

ID:	67529	**Sum Received Qty:**	100.0
Generator No:	ON9879994	**Waste Class Name:**	PAINT/PIGMENT/COATING RESIDUES
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	I	**District:**	402
Waste Code:	145		

2017 Generator Manifest

ID:	67530	**Sum Received Qty:**	20.0
Generator No:	ON9879994	**Waste Class Name:**	HALOGENATED PESTICIDES
Receiver Type:	035	**Count Manifests:**	1
Waste Char:	A	**District:**	402
Waste Code:	242		

2018 Generator Info

Gen No:	ON9879994	**Choice of Contact:**	CO_ADMIN
ID:	39372	**Phone No Official:**	613-786-3012 Ext.
Contaminated Fac:	N	**Phone No Admin:**	6132250493 Ext.2307
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)
NAICS Code1:	531310	**County Out:**	
NAICS Code2:		**District:**	402
NAICS Code3:			
Gen Name:	MINTO PROPERTIES		
Gen Div:			
Gen Op Name:	MINTO PROPERTIES		
Gen Op Div:			
Site Adrs1:	10 DEERFIELD DRIVE		
Site Bldg:			
Site Pobox:			

Province In: ONTARIO
Site Adrs2:
Site City: OTTAWA
Province Out:
Site Postal Code: K2E 7E8
Site Country: Canada
Co Official: Paul Berthiaume
Co Admin: Derek Rider

2019 Generator Info

Gen No: ON9879994
ID: 39940
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 531310
NAICS Code2:
NAICS Code3:
Gen Name: MINTO PROPERTIES
Gen Div:
Gen Op Name: MINTO PROPERTIES
Gen Op Div:
Site Adrs1: 10 DEERFIELD DRIVE
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: OTTAWA
Province Out:
Site Postal Code: K2E 7E8
Site Country: Canada
Co Official: Paul Berthiaume
Co Admin: Derek Rider
Choice of Contact: CO_ADMIN
Phone No Official: 613-786-3012 Ext.
Phone No Admin: 6132250493 Ext.2307
County Ont: OTTAWA CARLTON (RM)
County Out:
District: 402

2020 Generator Info

Gen No: ON9879994
ID: 39701
Contaminated Fac: N
MHSW Facility: N
NAICS Code1: 531310
NAICS Code2:
NAICS Code3:
Gen Name: MINTO PROPERTIES
Gen Div:
Gen Op Name: MINTO PROPERTIES
Gen Op Div:
Site Adrs1: 10 DEERFIELD DRIVE
Site Bldg:
Site Pobox:
Province In: ONTARIO
Site Adrs2:
Site City: OTTAWA
Province Out:
Site Postal Code: K2E 7E8
Site Country: Canada
Co Official: Paul Berthiaume
Co Admin: Derek Rider
Choice of Contact: CO_ADMIN
Phone No Official: 613-786-3012 Ext.
Phone No Admin: 6132250493 Ext.2307
County Ont: OTTAWA CARLTON (RM)
County Out:
District: 402

2021 Generator Info

Gen No: ON9879994
ID: 40811
Choice of Contact: CO_ADMIN
Phone No Official: 613-786-3012 Ext.

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

Contaminated Fac:	N	**Phone No Admin:**	6132250493 Ext.2307
MHSW Facility:	N	**County Ont:**	OTTAWA CARLTON (RM)
NAICS Code1:	531310	**County Out:**	
NAICS Code2:		**District:**	402
NAICS Code3:			
Gen Name:	MINTO PROPERTIES		
Gen Div:			
Gen Op Name:	MINTO PROPERTIES		
Gen Op Div:			
Site Adrs1:	10 DEERFIELD DRIVE		
Site Bldg:			
Site Pobox:			
Province In:	ONTARIO		
Site Adrs2:			
Site City:	OTTAWA		
Province Out:			
Site Postal Code:	K2E 7E8		
Site Country:	Canada		
Co Official:	Paul Berthiaume		
Co Admin:	Derek Rider		

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20 | ***1 of 2*** | ***SSW/228.2*** | ***85.9 / -1.02*** | ***18-20 Deerfield Drive Ottawa (formerly City of Nepean) ON*** | ***EHS***

Order No:	20090413008	**Nearest Intersection:**	Navahoe Drive (at Baseline Road)
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	4/16/2009	**Search Radius (km):**	0.25
Date Received:	4/13/2009	**X:**	-75.755147
Previous Site Name:		**Y:**	45.353374
Lot/Building Size:			
Additional Info Ordered:			

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20 | ***2 of 2*** | ***SSW/228.2*** | ***85.9 / -1.02*** | ***Minto Apartments Ltd. 20 Deeffield Dr. Ottawa ON*** | ***GEN***

Generator Info

Generator No:	ON5902368	**Choice of Contact:**	
Approval Years:	2009	**Contaminated Fac:**	
Status:		**MHSW Facility:**	
PO Box No:		**SIC Code:**	531310
Country:			
Co Admin:			
Phone No Admin:			
SIC Description:	Real Estate Property Managers		

Waste Detail(s)

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

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21 | ***1 of 1*** | ***WSW/237.7*** | ***84.9 / -2.08*** | ***Waste Management Inc. Baseline Rd. & Navaho <UNOFFICIAL> Ottawa ON*** | ***SPL***

Ref No:	3564-6H4RSW	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	10/12/2005	**Discharger Report:**	0

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

Dt MOE Arvl on Scn:		**Material Group:**	Oil
MOE Reported Dt:	10/12/2005	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Baseline Rd. & Navaho <UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:	Waste Management Inc.		
Client Type:			
Source Type:			
Incident Cause:	Container Leak (Fuel Tank Barrels)		
Incident Preceding Spill:			
Incident Reason:	Equipment Failure		
Incident Summary:	Waste Management - 250 L hydraulic oil to road.		
Environment Impact:	Not Anticipated		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
Contaminant Qty 1:			
Contaminant Unit:	L		
Contaminant Code:			
Contaminant Name:	HYDRAULIC OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:	Land Spills		
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

22	1 of 1	ESE/239.4	89.0 / 2.09	1720 Baseline Road Ottawa ON	SPL

Ref No:	5281-8ZRM5F	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	05-NOV-12	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	05-NOV-12	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:	No Field Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Maples Apartments<UNOFFICIAL>		

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

Site Address:	1720 Baseline Road
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	Collision/Accident
Incident Preceding Spill:	
Incident Reason:	Operator/Human Error
Incident Summary:	Maples Apartments: MVA into pool, clng
Environment Impact:	Not Anticipated
Health Env Consequence:	
Nature of Impact:	Other Impact(s)
Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Contaminant Code:	12
Contaminant Name:	GASOLINE
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Motor Vehicle
SAC Action Class:	Watercourse Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

23	1 of 1	E/239.6	89.7 / 2.81	lot 35 con 1 ON	WWIS

Well ID:	1505842	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10/06/1953
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3718
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	035
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	RF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505842.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/01/1953
Year Completed:	1953
Depth (m):	48.768
Latitude:	45.3557232107622
Longitude:	-75.7506352154463
X:	-75.7506350530515
Y:	45.355723203940734
Path:	150\1505842.pdf

Bore Hole Information

Bore Hole ID:	10027885	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	441205.70
Code OB Desc:		***North83:***	5022742.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/01/1953	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931003100
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	115.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931003099
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931003101
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 17
Material 2 Desc: SHALE
Material 3:
Material 3 Desc:
Formation Top Depth: 115.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961505842
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10576455
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930048527
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930048528
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 160.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP

Pump Test ID:	991505842
Pump Set At:	
Static Level:	13.0
Final Level After Pumping:	16.0
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933459851
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42.0
Water Found Depth UOM:	ft

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24 | ***1 of 1*** | ***SSE/246.0*** | ***87.7 / 0.78*** | ***PIPELINE HIT - 1 ¼"
14 DEERFIELD DR,,OTTAWA,ON,K2G 3R6,CA
ON*** | ***PINC***

Incident Id:		**Pipe Material:**	
Incident No:	990172	**Fuel Category:**	
Incident Reported Dt:	1/8/2013	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT - 1 ¼"		
Incident Address:	14 DEERFIELD DR,,OTTAWA,ON,K2G 3R6,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

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25 | ***1 of 1*** | ***SE/248.5*** | ***88.1 / 1.16*** | ***Minto Development - Private Property<UNOFFICIAL>
13 Deerfield Dr., Ottawa
Ottawa ON*** | ***SPL***

Ref No:	3461-6Q3S3H	**Municipality No:**	
Year:		**Nature of Damage:**	

Incident Dt:	5/23/2006	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	5/23/2006	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Minto Development - Private Property<UNOFFICIAL>		
Site Address:	13 Deerfield Dr., Ottawa		
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:	Hydro Ottawa Limited		
Client Type:			
Source Type:	Transformer		
Incident Cause:			
Incident Preceding Spill:			
Incident Reason:	Equipment Failure		
Incident Summary:	Spill of Mineral Oil, trns. leak, Hydro Ottawa - 20L to grnd		
Environment Impact:	Not Anticipated		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	20 L		
Contaminant Qty 1:	20		
Contaminant Unit:	L		
Contaminant Code:	13		
Contaminant Name:	MINERAL OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:			
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			
Time Reported:			
System Facility Address:			

Unplottable Summary

Total: <u>61</u> Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	

CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
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CA	Minto Developments Inc.		Ottawa ON
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CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	BELL-NORTHERN RESEARCH LIMITED	BASELINE ROAD	NEPEAN CITY ON
CA	Navaho Drive Ext.	Navaho Drive	Ottawa ON
CA	R.M. OF OTTAWA-CARLETON	BASELINE ROAD EXTENSION (SWM)	OTTAWA CITY ON
CA	Minto Developments Inc.		Ottawa ON
CA	RON ENGINEERING & CONSTRUCTION LTD.	BASELINE RD.	OTTAWA CITY ON

ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	City of Ottawa	Navaho Dr	Ottawa ON	K2G 6J8
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
EHS		Baseline Rd	Ottawa ON	
WWIS		con 2	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 2	ON	
WWIS		con 2	ON	
WWIS		lot 27	ON	
WWIS		lot 27	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		lot 28	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 2	ON	
WWIS		con 2	ON	
WWIS		con 2	ON	

Unplottable Report

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 4208-6J7J5T
Application Year: 2005
Issue Date: 11/17/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3403-5MAJ6D
Application Year: 2003
Issue Date: 5/9/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3360-7H3RCS
Application Year: 2008

Issue Date: 8/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1530-6QQL2J
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1297-6SPJ46
Application Year: 2006
Issue Date: 8/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 0523-7EVPTJ

Application Year: 2008
Issue Date: 8/21/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 4309-6VTJMR
Application Year: 2006
Issue Date: 12/1/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5840-6NRNJD
Application Year: 2006
Issue Date: 5/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6002-7DAKG9
Application Year: 2008
Issue Date: 4/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6380-6JGQ7B
Application Year: 2005
Issue Date: 12/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 6733-5NSKZ9
Application Year: 2003
Issue Date: 6/23/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7043-6P2REB
Application Year: 2006
Issue Date: 4/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7163-5SYQ3M
Application Year: 2003
Issue Date: 11/14/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7355-6M4TMP
Application Year: 2006
Issue Date: 2/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved

Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7788-6XDSAP
Application Year: 2007
Issue Date: 1/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 9152-65XHVP
Application Year: 2004
Issue Date: 10/21/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***BELL-NORTHERN RESEARCH LIMITED***
BASELINE ROAD NEPEAN CITY ON

Database: ***CA***

Certificate #:	8-4088-88-
Application Year:	88
Issue Date:	8/17/1989
Approval Type:	Industrial air
Status:	Underwent 1st revision in 1989
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	FUME HOOD
Contaminants:	
Emission Control:	No Controls

Site: ***Navaho Drive Ext.***
Navaho Drive Ottawa ON

Database: ***CA***

Certificate #:	5098-5BARLS
Application Year:	02
Issue Date:	6/21/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	Approval is sought for the construction of storm sewers on Navaho Drive.
Contaminants:	
Emission Control:	

Site: ***R.M. OF OTTAWA-CARLETON***
BASELINE ROAD EXTENSION (SWM) OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-0701-96-
Application Year:	96
Issue Date:	9/4/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Minto Developments Inc.***
Ottawa ON

Database: ***CA***

Certificate #:	1168-67AKKL
Application Year:	2004
Issue Date:	12/7/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***RON ENGINEERING & CONSTRUCTION LTD.***
BASELINE RD. OTTAWA CITY ON

Database: ***CA***

Certificate #: 8-4052-87-
Application Year: 87
Issue Date: 6/19/1987
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: FUMEHOOD
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 7163-5SYQ3M
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Minto Developments Inc.
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2997-5SKKCW-14.pdf
PDF Site Location:

Site: ***City of Ottawa***
Navaho Dr Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 3694-A9NNKG
Approval Date: 2016-05-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Navaho Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6498-A9DK8N-14.pdf
PDF Site Location:

Site: ***Minto Developments Inc.***
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 4490-5SYQAN
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
MOE District:
City:
Longitude:
Latitude:

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Business Name:	Minto Developments Inc.		
Address:			
Full Address:			
Full PDF Link:			
PDF Site Location:			

Site: ***Database:*** ***EHS***

Baseline Rd Ottawa ON

Order No:	20051017031	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Site Report	***Client Prov/State:***	QC
Report Date:	10/18/2005	***Search Radius (km):***	0.25
Date Received:	10/17/2005	***X:***	
Previous Site Name:		***Y:***	
Lot/Building Size:			
Additional Info Ordered:			

Site: ***Database:*** ***WWIS***

con 2 ON

Well ID:	1529332	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	02/14/1997
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	169509	***Contractor:***	6844
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10050868	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/18/1996	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931072417
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	91
Material 2 Desc:	WATER-BEARING
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931072416
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	02
Material 2 Desc:	TOPSOIL
Material 3:	01
Material 3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114306
Layer:	1
Plug From:	0.0
Plug To:	3.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114307
Layer:	2
Plug From:	3.0
Plug To:	15.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961529332
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10599438
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088797
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	15.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326680
Layer:	1
Slot:	010
Screen Top Depth:	5.0
Screen End Depth:	15.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	933489271
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Site: ***Database:*** ***WWIS***

con 1 ON

Well ID:	1534064	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Abandoned-Other	***Date Received:***	09/09/2003
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	248010	***Contractor:***	1119
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10543179	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 08/12/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 961534064
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11091749
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1532635
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 235219
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/17/2002
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10523764
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/05/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 961532635
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11072334
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 2 ON

Well ID: 1529562
Construction Date:
Use 1st: Commerical
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169530
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/12/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051097
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02/04/1997
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931073143
Layer: 2
Color: 2

General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073142
Layer: 1
Color: 6
General Color: BROWN
Material 1: 34
Material 1 Desc: TILL
Material 2: 81
Material 2 Desc: SANDY
Material 3: 11
Material 3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114580
Layer: 3
Plug From: 3.0
Plug To: 10.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114578
Layer: 1
Plug From: 0.0
Plug To: 1.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114579
Layer: 2
Plug From: 1.0
Plug To: 3.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529562
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599667
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089192
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10.0
Casing Diameter: 1.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326721
Layer: 1
Slot: 010
Screen Top Depth: 5.0
Screen End Depth: 10.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.0

Water Details

Water ID: 933489564
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 8.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529561
Construction Date:
Use 1st: Commerical
Use 2nd: Municipal
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169526
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/12/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051096
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02/05/1997
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931073141
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073140
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3: 01
Material 3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114575
Layer: 1
Plug From: 0.0
Plug To: 2.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114577
Layer: 3
Plug From: 4.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114576
Layer:	2
Plug From:	2.0
Plug To:	4.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961529561
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10599666
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930089191
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	15.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326720
Layer:	1
Slot:	010
Screen Top Depth:	5.0
Screen End Depth:	15.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	933489563
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	8.0
Water Found Depth UOM:	ft

Site:
lot 27 ON

Database:
WWIS

Well ID: 1517372
Construction Date:
Use 1st:

Flowing (Y/N):
Flow Rate:
Data Entry Status:

Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/13/1980
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2425
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	027
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10039247	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/08/1980	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931034948
Layer:	3
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	
Material 3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034946
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	

Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931034949
Layer: 4
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 105.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931034947
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961517372
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10587817
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068695
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991517372
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	90.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933473825
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

Site:
lot 27 ON

Database:
WWIS

Well ID:	1518033	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Cooling And A/C	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/13/1982
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	027
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	10039904	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	01/29/1982	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931037128
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037129
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037131
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

Material 3:
Material 3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518033
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588474
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069713
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991518033
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934103360
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647523
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377689
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896797
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933474659
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1526088
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 76366
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/04/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3701
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 028
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10047822	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/25/1990	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931063180
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	101.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931063181
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	101.0
Formation End Depth:	128.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111525
Layer:	1
Plug From:	0.0
Plug To:	4.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961526088

Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596392
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083704
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 101.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083705
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 128.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 991526088
Pump Set At:
Static Level: 20.0
Final Level After Pumping:
Recommended Pump Depth: 100.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389896
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106265
Test Type: Draw Down
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650839
Test Type: Draw Down
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908037
Test Type: Draw Down
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933485288
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120.0
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID: 1526470
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 120779
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/20/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 028
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048176
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/18/1992
Remarks:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931064255
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 06
Material 3 Desc: SILT
Formation Top Depth: 25.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064253
Layer: 1
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064254
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526470
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596746
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084350
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084349
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 20.0
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084351
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 31.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326403
Layer: 1
Slot: 010
Screen Top Depth: 16.0
Screen End Depth: 31.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Water Details

Water ID: 933485808
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

Site:
lot 28 ON

Database:
WWIS

Well ID:	1527490	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:	Municipal	***Data Src:***	1
Final Well Status:	Test Hole	***Date Received:***	10/06/1993
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	126283	***Contractor:***	4006
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	028
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10049129	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/21/1993	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931066807
Layer:	1
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	28
Material 2 Desc:	SAND
Material 3:	06
Material 3 Desc:	SILT
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931066808
Layer:	2
Color:	2
General Color:	GREY

Material 1: 28
Material 1 Desc: SAND
Material 2: 06
Material 2 Desc: SILT
Material 3: 11
Material 3 Desc: GRAVEL
Formation Top Depth: 17.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931066809
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 30
Material 2 Desc: MEDIUM GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527490
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597699
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085799
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085798
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 25.0
Casing Diameter: 10.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930085800
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326446
Layer:	1
Slot:	010
Screen Top Depth:	16.0
Screen End Depth:	36.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	8.0

Water Details

Water ID:	933486964
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	20.0
Water Found Depth UOM:	ft

Site: ***Database:*** ***WWIS***

con 1 ON

Well ID:	1528250	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	10/24/1994
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	151799	***Contractor:***	6844
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	RF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10049789	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 10/11/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931069086
Layer: 2
Color: 6
General Color: BROWN
Material 1: 08
Material 1 Desc: FINE SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931069085
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 78
Material 3 Desc: MEDIUM-GRAINED
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113110
Layer: 3
Plug From: 5.0
Plug To: 10.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113108
Layer: 1
Plug From: 1.0
Plug To: 4.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113109

Layer: 2
Plug From: 4.0
Plug To: 5.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528250
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10598359
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087025
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326510
Layer: 1
Slot: 100
Screen Top Depth: 5.0
Screen End Depth: 10.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 933487871
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 7.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1528855
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 135092
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/21/1996
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6629
Form Version: 1

Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050391
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/27/1995
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931071018
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931071021
Layer: 4
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 94.0
Formation End Depth: 103.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931071019
Layer:	2
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931071020
Layer:	3
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	94.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528855
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10598961
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088072
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991528855
Pump Set At:	
Static Level:	30.0

Final Level After Pumping: 65.0
Recommended Pump Depth: 90.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934907069
Test Type: Draw Down
Test Duration: 60
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389369
Test Type: Draw Down
Test Duration: 30
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105744
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658544
Test Type: Draw Down
Test Duration: 45
Test Level: 65.0
Test Level UOM: ft

Water Details

Water ID: 933488724
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85.0
Water Found Depth UOM: ft

Water Details

Water ID: 933488725
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
Water Found Depth UOM: ft

Water Details

Water ID:	933488726
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	103.0
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1529331	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	02/14/1997
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	169510	***Contractor:***	6844
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10050867	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/18/1996	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931072415
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	91
Material 2 Desc:	WATER-BEARING
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931072414
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	02
Material 2 Desc:	TOPSOIL
Material 3:	01
Material 3 Desc:	FILL
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114305
Layer:	2
Plug From:	5.0
Plug To:	19.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114304
Layer:	1
Plug From:	0.0
Plug To:	5.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961529331
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10599437
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088796
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	19.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID: 933326679
Layer: 1
Slot: 010
Screen Top Depth: 9.0
Screen End Depth: 19.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 933489270
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 9.0
Water Found Depth UOM: ft

Site:
con 2 ON

Database:
WWIS

Well ID: 1529333
Construction Date:
Use 1st: Commerical
Use 2nd:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169508
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/14/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050869
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/18/1996
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931072419

Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931072418
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 01
Material 3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114308
Layer: 1
Plug From: 0.0
Plug To: 5.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114309
Layer: 2
Plug From: 5.0
Plug To: 7.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114310
Layer: 3
Plug From: 7.0
Plug To: 18.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529333
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID:	10599439
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088798
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	18.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326681
Layer:	1
Slot:	010
Screen Top Depth:	8.0
Screen End Depth:	18.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	933489272
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	15.0
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1529560	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	08/12/1997
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	169523	***Contractor:***	6844
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: 10051095
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/06/1997
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931073138
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3: 01
Material 3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931073139
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114573
Layer: 2
Plug From: 3.0
Plug To: 5.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114572
Layer: 1
Plug From: 0.0

Plug To: 3.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114574
Layer: 3
Plug From: 5.0
Plug To: 12.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529560
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10599665
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089190
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 12.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326719
Layer: 1
Slot: 010
Screen Top Depth: 8.0
Screen End Depth: 13.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Water Details

Water ID: 933489562
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 8.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2024

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-Apr 2024

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-Apr 30, 2024

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 2022

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: Oct 2023

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-Apr 30, 2024

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 -May 2024

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2024

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Nov 30, 2024

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 - Aug 2024

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: Oct 2023

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-Oct 31, 2024

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 - Nov 30, 2024

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-Oct 31, 2024

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-Aug 31, 2024

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: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

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: Oct 2023

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-Nov 2024

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: Oct 31, 2021

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: Oct 2023

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-Nov 30, 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-Apr 2024

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: 31 Oct, 2023

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: Mar 31, 2022

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 2024

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, 2022

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-Nov 2023

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-Dec 31, 2024

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 NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

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-May 31, 2024

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024

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 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 - Nov 30, 2024

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-Oct 31, 2024

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2024; May 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Feb 2024

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

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Nov 30, 2024

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, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Dec 2024

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-Apr 30, 2024

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 by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct 2024

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2024

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011 - Oct 31, 2024

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31 2023

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

PATERSON GROUP
solution oriented engineering

Mark Bujaki, B.Sc., MBA
Junior Environmental Scientist

Mark joined Paterson Group in 2024 as part of the Environmental Division. Mark received his Bachelor of Science from Carleton University in 2016, his Master of Business Administration from the Sprott School of Business in 2018 and a Graduate Certificate in Environmental Management and Assessment from Algonquin College in 2019. In his time at Paterson, Mark has been involved in residential and commercial projects within Ontario and Quebec. He has completed environmental sampling programs, Phase I & II Environmental Site Assessments, excess soil testing and associated reporting. His scope of work consists of environmental investigation and reporting, field inspections, soil and groundwater sampling, remediation supervision, and ensuring compliance to applicable regulatory standards.

EDUCATION

Honours Bachelor of Science Earth Sciences
Minor in Biology
2016
Carleton University

Master of Business Administration
2018
Carleton University

Graduate Certificate: Environmental Management and Assessment
2019
Algonquin College

YEARS OF EXPERIENCE

5 years

Thomas Cavanagh Construction
Environmental Technician
4 years

Paterson Group
2024-Present

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- Kanata South Link, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, Permit to Take Water Monitoring and Reporting
- Strandherd Dr. Widening, Ottawa, ON – Monitoring for Species At Risk, Erosion and Sediment Control Monitoring and Reporting, PTTW Monitoring and Reporting
- Kennedy Burnett Stormwater Management Pond Retrofit, Ottawa, ON – Groundwater Monitoring, Fish Salvage, Erosion and Sediment Control, Species at Risk Monitoring
- Eagleson Rd Watermain Repair, Ottawa, ON – Monitoring and testing groundwater for compliance with City of Ottawa Sewer use agreement
- Valley Drive Sewer Reconstruction, Ottawa, ON – Erosion and Sediment Control, SSA Compliance and EASR Reporting
- Kanata West Development, Ottawa, ON – Water Quality Monitoring, Erosion and Sediment Control
- Environmental Compliance Approvals -Various, ON – Site Inspections, Water Quality Testing, ESC, Operational Functionality
- Canadian Nuclear Laboratories - Near Surface Disposal Facility, Chalk River, ON – Environmental Plan Supervision and Consultation

PROFESSIONAL EXPERIENCE

2024 to present, Junior Environmental Scientist, Paterson Group, Ottawa, Ontario

- Conducting Phase I & II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Presenting analytical test results, interpretations, assessments, recommendations, and 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 classification, soil and groundwater field sampling.
- Liaising with clients, contractors, and consultants.
- Completing Avian Nesting Surveys.

2019 to 2024, Environmental Technician, Thomas Cavanagh Construction, Ottawa, Ontario

- Water and soil sampling for laboratory submission.
- Interpreting and reporting analytical test results.
- Erosion and sediment control plan development and implementation.
- Nesting bird and wildlife surveys / species at risk monitoring.
- Actively coordinated daily between multiple foremen, project managers, contract administrators project owners, and regulators to ensure project needs are satisfied.
- Reviewing and consulting on environmental policies and best practices as part of multi-stakeholder partnerships.
- Planning, permitting, and conducting fish salvages in rivers, creeks and stormwater management ponds, using backpack electrofisher.
- Environmental compliance with City of Ottawa, Lanark County, Renfrew County, Provincial legislation, and Federal Legislation.
- Spill remediation planning and implementation.
- EASR and PTTW application, monitoring, and compliance.

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PATERSON GROUP

solution oriented engineering

Mark S. D'Arcy, P.Eng., QP$_{ESA}$
Director – Environmental Division

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION
B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

LICENCE/PROFESSIONAL AFFILIATIONS
Professional Engineers of Ontario

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

YEARS OF EXPERIENCE
With Paterson: 33

OFFICE LOCATION
9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

PROFESSIONAL EXPERIENCE

2001 to present, Manager of Environmental Division, Paterson Group Inc., Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, Geotechnical and Environmental Engineer, Paterson Group Inc., Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.