Phase One Environmental Site Assessment
780 Baseline Road, Ottawa, Ontario

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780 Baseline Inc.

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Phase One Environmental Site Assessment

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Legal Notification

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Executive Summary

EXP Services Inc. (EXP) was retained by 780 Baseline Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property located at 780 Baseline Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was occupied by a commercial building with associated parking.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

EXP understands that the Phase One ESA is being conducted in support of site plan approval for the City of Ottawa. Part of the Phase One property will be severed and redeveloped for residential use. The remainder of the property will remain commercial property. As the most recent use of the Phase One property is commercial, a Record of Site Condition (RSC) will be required for the severed part of the Phase One property.

The Phase One property is located on the southwest corner of the intersection of Baseline Road and Fisher Avenue in Ottawa. The Phase One property is irregular in shape and has an approximate area of 1.4 hectares (3.46 acres). The Phase ne property is occupied by a strip mall containing multiple commercial units.

The Phase One property is legally described as Part of Lots 6 to 12 inclusive, Plan 310501, City of Ottawa, and Lots 8, 9 and Part a lot 7 Plan 310509; City of Nepean. The property identification number (PIN) is 040460029.

Based on a review of historical aerial photographs, fire insurance plans and other records review, it appears the subject site was first developed for commercial use circa 1986. Prior to the development of the building, the Phase One property was vacant.

There are no water bodies on the Phase One property. The closest body of water is the Rideau River approximately 1.4 km to the southeast. The inferred groundwater flow direction is southeast towards the Rideau River.

The following PCAs were identified:

- PCA#30 – Importation of Fill Material of Unknown Quality; previous investigations on the Phase One property indicate a layer of fill is present below ground cover on the property; and
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used); a unit in the building on the Phase One property was formerly used as a dry cleaning depot.

No other PCAs that took place within the vicinity of the Phase One property (approximately 250 m radius) were identified.

Although a unit in the Phase One property formerly operated as a dry cleaning depot, previous investigations at the Phase One property determined that these operations have not resulted in any contamination of the Phase One property. Therefore PCA #37 does not result in an APEC.

In summary, the following areas of potential environmental concern (APEC) were identified:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA#30 – Importation of Fill Material of Unknown Quality	On-Site	Metals, petroleum hydrocarbons (PHC), polycyclic aromatic hydrocarbons (PAH)	Soil

As the fill quality was not assessed in previous investigations, it is recommended that a Phase Two ESA be conducted.

Therefore, The Qualified Person who oversaw this work, Mark McCalla, P.Geo., recommends that a Phase Two ESA be conducted to address the APEC that may have adversely affected the Phase One property.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

1.0 Introduction

EXP Services Inc. (EXP) was retained by 780 Baseline Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property located at 780 Baseline Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was occupied by a commercial building with associated parking.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property.

EXP understands that the Phase One ESA is being conducted in support of site plan approval for the City of Ottawa. Part of the Phase One property will be severed and redeveloped for residential use. The remainder of the property will remain commercial property. As the most recent use of the Phase One property is commercial, a Record of Site Condition (RSC) will be required for the severed part of the Phase One property.

EXP personnel who conducted assessment work for this project included Mark McCalla, P.Geo., and Leah Wells, P.Eng. An outline of their qualifications is provided in Appendix A.

1.2 Phase One Property Information

The Phase One property is located on the southwest corner of the intersection of Baseline Road and Fisher Avenue in Ottawa. The Phase One property is irregular in shape and has an approximate area of 1.4 hectares (3.46 acres).

The Phase One property is currently occupied by a slab-on-grade commercial strip mall. The current tenants are:

- Ottawa Carleton Dialysis Clinic
- Sedation Dentistry
- Chiropractor
- DK Nails Spa
- Herbal Magic
- Game Breakers Sports Cards
- Brows and Beyond
- Gabriel's Pizza
- Vacant unit
- Office space
- Subway
- National Bank
- Lonestar
- Prime Burger Bar
- Circle K
- Joe Mobile Tech

The remainder of the Phase One property, outside of the building footprint, consists of an asphalt parking lot and driving lanes.

A Site Location Plan is provided as Figure 1 in Appendix C.

The Phase One property is legally described as Part of Lots 6 to 12 inclusive, Plan 310501, City of Ottawa, and Lots 8, 9 and Part a lot 7 Plan 310509; City of Nepean. The property identification number (PIN) is 040460029. Based on topography, the groundwater flow is anticipated to be to the southeast towards the Rideau River.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property centroid are Zone 18, 443847 m E and 5024371 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

The Phase One property is owned by 780 Baseline Road Inc. Authorization to proceed with this investigation was provided by Mr. Joey Theberge. Contact information for Mr. Theberge is 1600 Lapierre Avenue, Suite 205, Ottawa, Ontario, K1Z 1B7.

2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Obtaining a search of land title and assessment rolls for the Phase One property;
- Conducting at least one reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

3.0 Records Review

3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property. At the time of the site reconnaissance, land usage within 250 metres of the Phase One property was primarily residential, with the Central Experimental Farm located to the north across Baseline Road.

The Phase One property is zoned for general mixed use. Properties to the east, west, and south are zoned residential. The property to the north is zoned for the Central Experimental Farm.

The Phase One study area is shown on Figure 3 in Appendix C.

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, fire insurance plans and other records review, it appears the subject site was first developed for commercial use circa 1986. Prior to the development of the building, the Phase One property was vacant.

3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) determined no FIPs exist for the Site. A 1994 multi-risk report for a former building tenant indicates that the building was constructed in 1986.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. A chain of title search provides a list of property owners and the dates when they owned them. To date chain of title information has not been received.

3.5 City Directories

On June 3, 2021, records pertaining to the site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the municipal street directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider.

As a result of the COVID-19 pandemic, the government has closed various institutions which severely limits EXP's ability to access government libraries and archives and prepare a detailed historical search of the Site and surrounding areas, as such no city directories were available for review at this time. An update will be provided for this report if the conclusions or recommendations change when the information becomes available.

City directories from the 1930s to the 1990s were reviewed in 10-year intervals as part of the 2005 ESA. The neighboring properties were listed as residential, vacant properties, a drive-in movie theatre, and the Experimental Farm. A dry-cleaning outlet was identified on the Phase One property in the late 1980s and 1990s.

Based on the review of the city directories, the use of the Site by a former dry cleaners is a potentially contaminating activity (PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)).

3.6 Environmental Reports

The following previous environmental reports were provided to EXP for review:

1. Patterson Group, *Phase I Environmental Site Assessment, Fisher Heights Plaza, 780 Baseline Road, Ottawa, Ontario*, August 2005.

A Phase I ESA was completed by Patterson in 2005 to determine if any past or present activities has resulted in potential contamination on the Site. The presence of a former dry cleaner in Unit 17, now part of the Lonestar restaurant, was identified in the late 1980s and early 1990s. According to a member of the Leiken Group (the property owner at the time), the dry cleaner was a depot only and no chemicals were used on the Site. Therefore, the presence of a former drycleaner was not considered an environmental concern. No additional environmental investigation was recommended.

2. EXP Services Inc., *Phase I Environmental Site Assessment, 780 Baseline Road, Ottawa, Ontario*, August 2021.

A Phase I ESA conducted by EXP determined, based on the information reviewed, that the area of the former dry cleaner was considered to be an area of potential environmental concern (APEC). Although the tenant of the former drycleaner confirmed that the primary use of the unit was a depot, some chemical containing dry cleaning equipment was used on the Site. A Phase II ESA was recommended to assess the environmental conditions of the Phase One property.

3. Patterson Group, *Phase II Environmental Site Assessment, 780 Baseline Road, Ottawa, Ontario*, August 2021.

A Phase II ESA was conducted at the property that consisted of the advancement of three exterior boreholes in the vicinity of the unit that formerly contained the dry cleaners. The boreholes were advanced to a maximum depth of 6.7 m bgs and monitoring wells were installed in each of the boreholes. Beneath that asphalt, subsurface conditions consisted of a layer of silty sand and crushed stone fill overlying native silty clay. Three soil samples and three groundwater samples were submitted for analysis of volatile organic compounds (VOC). All parameters analyzed were non detect. Based on the results of the Phase II ESA, no further environmental investigation was recommended by Paterson.

3.7 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix D.

3.7.1 Ontario Ministry of the Environment, Conservation and Parks Records

On June 11, 2021, records pertaining to the Phase One property were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI). To date, no response has been received. If environmentally significant information is obtained from the MECP search, it will be provided as an addendum to this report.

3.7.2 Historical Land Use Inventory

An HLUI request was made to the City of Ottawa October 14, 2021. No response has yet been received. A copy of the request is provided in Appendix C.

3.7.3 Environmental Registry

On October 21, 2021, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were found.

3.7.4 Environmental Access

On October 21, 2021, the MECP Environmental Access website was searched for postings within the Phase One study area. No records were found.

3.7.5 Hazardous Waste Information Network

On October 21, 2021, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase I study area. The following records were found:

Location (Generator)	Proximity to the Site	Wastes Generated	Years	Environmental Concern to Site and Rationale
Ottawa Carleton Dialysis Clinic 780 Baseline Road (ON5027066)	Subject Site	Pharmaceuticals, pathological wastes	2006 to 2021	No, nature of the wastes is not a concern if properly managed.

None of the records are considered potential environmental concerns to the Site.

3.7.6 Records of Site Condition

On October 21, 2021, the MECP Brownfields Registry website was searched for postings of Records of Site Condition within the Phase One study area. No records were found.

3.7.7 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

3.7.8 PCB Storage Sites

Documents entitled *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, *2003 Annual Report* prepared by Environment Canada and *Ontario Inventory of PCB Storage Sites* prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

3.7.9 Waste Disposal Sites

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.7.10 Former Industrial Sites

The document entitled *Mapping and Assessment of Former Industrial Sites; City of Ottawa* prepared by Intera Inc. was reviewed. No former industrial sites were identified within the Phase One study area.

3.8 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix E.

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
790 Baseline Road	Subject Site	Sketchley Cleaning Services was listed as a registered waste generator of halogenated solvents from 1990 to 1998 (ON0240423). Hillary Cleaners was listed as a registered waste generator of halogenated solvents from 1986 to 1998 (ON0491109).	GEN	Yes, PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)
		June 9, 2011, Leiken Group Inc. reported a small quantity of battery acid spilled to ground.	SPL	No, due to the small volume of contaminant spilled. Spill was reported cleaned.
		Ottawa Carleton Dialysis Clinic was listed as a registered waste generator of pharmaceuticals and pathological wastes from 2006 to 2021 (ON5027066).	GEN	No, nature of the wastes is not a concern if properly managed
		Black Photo Corporation was listed as a registered waste generator of photo processing wastes from 1990 to 2001 (ON0074364). Black Photo Corporation was listed as a registered waste receiver for photo processing wastes from 1992 to 2008.	GEN REC	No, nature of the wastes is not a concern if properly managed
Baseline Road and Fisher Road	Northeast adjacent	March 10, 2020, OC Transpo reported 5 L of coolant spilled to catch basin. October 16, 2015, OC Transpo reported 6 L of coolant spilled to catch basin.	SPL	No, due to the small volume of contaminant spilled. Spill was reported cleaned.
15 Kelser Avenue	120 m southwest	March 18, 2019, approximately 20 L of hydraulic oil spilled to ground.	SPL	No, due to the small volume of contaminant spilled. Spill was reported cleaned.
1388 Ambridge Way	130 m east	April 22, 1988, dumping of used motor oil into catch basin was reported.	SPL	No, due to the distance from the Phase I property.

Databases:

GEN – Ontario Regulation 347 Waste Generators Summary
SPL – Ontario Spills

In addition to the databases outlined above the following entries from the EcoLog ERIS report were reviewed and summarized below:

- The Certificates of Approval database identified five records for the Phase One property. There were two CAs for air emissions related to kitchen hood vent systems and Ottawa Carleton Dialysis has a CA for air emissions related to an emergency generator. Two of the records were related to air emissions for Trefoil Inc. and were listed as cancelled.
- The Environmental compliance Approval database identified one record in the Phase One study area. The record was for the municipal drinking water system at Fisher Avenue and Baseline Road.

- There were 32 records found in the Water Well Information System (WWIS) database for the Phase One study area. All of the records were for potable wells installed between 1953 and 1956. As this area is now serviced by municipal water, it is assumed these wells are no longer in use. None of the records were located on the Site.

Based on the review of the ERIS report, the use of the Site by a former dry cleaner is a potentially contaminating activity (PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)). Based on the Phase II ESA by Paterson in August 2021, no VOC impacts to soil or groundwater was measured and therefore, this is not an APEC.

3.9 Physical Setting Sources

3.9.1 Aerial Photographs

Aerial photographs dated 1958, 1965, 1976, 1991, 1999, 2011, and 2019 were available for review on the City of Ottawa website. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix F.

Aerial Photograph (year)	Details
1958	Only partial aerial photographs are available for the Phase One study area. A residence is present at the northwest corner of the Site, the remainder of the Site is vacant. Baseline Road and Fisher Avenue are present in their current configurations. The property east across Fisher Avenue is a drive-in movie theatre. The remaining properties on the south side of Baseline Road are residential. Property on the north side of Baseline Road is agricultural.
1965	The Site and study area are similarly developed to the 1958 aerial photograph. Several small sheds appear to be present on the east side of the Site.
1976	The Site and Phase One study area appear to be similarly developed to the 1965 aerial photograph.
1991	The one-site residence has been demolished and the existing commercial building has been constructed on the Site. The drive-in movie theatre across Fisher Avenue has been replaced with residential development. The remainder of the Phase One study area is similarly developed to the 1976 aerial photograph.
1999	The Site and Phase One study area appear to be similarly developed to the 1991 aerial photograph.
2011	The Site and Phase One study area appear to be similarly developed to the 1999 aerial photograph.
2019	The Site and Phase One study area appear to be similarly developed to the 2011 aerial photograph.

Fill of unknown quality could be present at the former residence location (PCA #30 – Importation of Fill Material of Unknown Quality). No other potential environmental concerns were identified in the aerial photographs.

3.9.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of limestone and dolostone of the Oxford Formation. Native surficial soil consists of fine textured glaciomarine deposits of silt and clay. The ground surface is approximately 84 metres above sea level (masl).

Water well records from boreholes in proximity to the Phase One property indicate that bedrock is present 15 to 18 m below grade.

The inferred groundwater flow direction is southeast towards the Rideau River.

A topographical map available from Natural Resources Canada (atlas.gc.ca/toporama/en/) was also reviewed. The general topography of the are slopes down to the northeast.

3.9.3 Fill Materials

Based on previous investigations, approximately 0.5 m of fill material is present on the Phase One property (PCA #30 – Importation of Fill Material of Unknown Quality).

3.9.4 Water Bodies and Areas of Natural Significance

There are no water bodies on the Phase One property. The closest body of water is the Rideau River approximately 1.4 km to the southeast. The inferred groundwater flow direction is southeast towards the Rideau River.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

3.9.5 Well Records

The Ontario well records website (www.ontario.ca /map-well-records water wells) was accessed. Thirty-three well records were identified within the Phase One study area. All of the well records were for domestic wells in the Phase One study area. As this area is now serviced by municipal water, it is likely these wells are no longer in use. Well records indicate surficial soil consists of silty clay.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

3.10 Site Operating Records

No site operating records were provided to EXP for review.

3.11 Summary of Records Review

Based on a review of the available records, the following PCAs were identified:

- PCA #30 – Importation of Fill Material of Unknown Quality
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)

4.0 Interviews

Interviews were conducted by EXP with the individuals identified to be the most knowledgeable about both the current and historical Phase One property uses. The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

Ms. Shirley Logan, Office Manager for Leiken, was interviewed during the site visit. Ms. Logan stated that the dry-cleaning operation at the Site operated as a depot. Ms. Logan was unaware of any potential environmental concerns to the Site.

Mr. David Hillary, President of Hillary's Cleaners was contacted to confirm that this particular location was a depot only. Mr. Hillary indicated that, although the primary use of this location was as a depot, there was some chemical containing dry cleaning equipment used on the Site.

Responses to other questions were made during site reconnaissance and are discussed in section 5.0.

5.0 Site Reconnaissance

5.1 General Requirements

On June 22, 2021, Ms. Karen McKenzie, B.Arch. Sc., of EXP conducted the site visit in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The weather was rainy with an approximate temperature of 15 degrees Celsius. The Site visit lasted approximately 90 minutes.

The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

Observations of the Phase One property and surrounding properties within the Phase One study area were conducted. Adjoining properties were observed from within the grounds of the Phase One property and from public roads and sidewalks.

Photographs were taken at the Phase One property on June 22, 2021, and pertinent photographs are included in Appendix G.

5.2 Specific Observations at the Phase One Property

5.2.1 Buildings and Structures

The Phase One property is currently occupied by a slab-on-grade, flat-roofed, commercial building containing multiple units. The perimeter of the building consists of an asphalt driving lane and parking. The building was constructed circa 1986.

Current building tenants include:

- Ottawa Carleton Dialysis Clinic
- Sedation Dentistry
- Chiropractor
- DK Nails Spa
- Herbal Magic
- Game Breakers Sports Cards
- Brows and Beyond
- Gabriel's Pizza
- Vacant Unit
- Office space
- Subway
- National Bank
- Lonestar
- Prime Burger Bar
- Circle K
- Joe Mobile Tech

5.2.2 Site Utilities and Services

The Phase One property is serviced with municipal sewer and water, hydro and natural gas.

There was no evidence of a railway being present on the Phase One property.

5.3 Storage Tanks

5.3.1 Underground Storage Tanks

EXP did not observe any evidence of USTs, such as vent and fill pipes, during the site reconnaissance. Furthermore, the historical review did not identify any former USTs at the Phase One property.

5.3.2 Above Ground Storage Tanks

Three 300 litre plastic tanks within spill containment containing chemicals associated with dialysis were observed in the storage area of the Ottawa Carleton dialysis unit. These chemicals are not considered an environmental concern to the Phase One property.

5.4 Chemical Storage Handling and Floor Condition

The Ottawa Carleton Dialysis unit contained a storage area in the rear of the unit. Storage of chemicals associated with the dialysis process, as well as large quantities of sterilization products for the dialysis equipment. Pathological solid wastes generated during the dialysis processes are stored in the back of the unit.

Chemicals observed in the remaining units were primarily limited to retail sized containers of household cleaners, and maintenance products such as paint.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No evidence of staining was observed during the site visit.

5.6 Fill and Debris

Previous investigations have determined approximately 0.5 m of fill material is present on the Phase One property (PCA #30 – Importation of Fill Material of Unknown Quality). Based on site observations, significant quantities of fill are not anticipated.

5.7 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. According to the Environmental Protection Act (EPA), an ECA (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29, 1988.

No air emissions of concerns were identified at the time of the site visit.

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

5.11.1 Asbestos

Asbestos-containing materials (ACM) are fibrous hydrated silicates and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated. Non-Friable asbestos refers to asbestos that is associated with a binding agent (such as tar or cement).

Friable asbestos is commonly found in boiler and pipe insulation. Non-Friable asbestos is typically found in roofing tars, floor and ceiling tiles, and asbestos-containing cement.

ACM in the workplace are defined as a Designated Substance under the Ontario Occupational Health and Safety Act (OHSA). Under OHSA, persons in the workplace are required to be notified of the presence of ACMs once they are suspected to be present, and if there is a potential for workers to be exposed. The use of ACM was discontinued in Canada in the late 1970s/early 1980s, although non-friable asbestos can still be found in recently constructed buildings.

Based on the age of the building it is possible that ACMs are present.

5.11.2 Ozone Depleting Substances (ODSs)

Chlorofluorocarbons (CFC), often referred to as freons, ceased production in Canada in 1993 as a result of their ozone-depleting characteristics. Under the Montreal Protocol, importation of CFCs into Canada ceased in 1997 and all developed countries agreed to a total ban on their use by 2030.

Maintenance of refrigerant containing equipment should continue to be completed by a licensed refrigeration contractor. The equipment should only be repaired, removed, or serviced by an appropriately licensed contractor.

5.11.3 Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinplate and plumbing. The use of lead-based paints (LBPs) was phased out *circa* 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain higher levels of lead. The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Based on the age of the building, it is possible that LBPs are present.

5.11.4 Mercury

Mercury could be found in some batteries, light bulbs, old paints, thermostats, old mirrors, etc. Based on an investigation by Consumer and Corporate Affairs Canada, and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints. The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove “interior uses” from their product labels.

Mercury-containing equipment was not observed during the Site visit. The interior painted surfaces observed during EXP’s site visit were in good condition. No mercury-containing thermostats were observed in the building.

5.11.5 Polychlorinated Biphenyls (PCB)

The manufacture of PCB in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCB-containing equipment on the Phase One property. Potential equipment, which could contain PCB include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCB must be disposed of in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCB is permissible.

Fluorescent light fixtures were observed throughout the Site building. Based on the age of the building at the Site the presence of PCB containing light ballasts is possible.

A pad mounted transformer is present on the north side of the building, the contents of which are unknown. No staining was observed on the concrete pad.

5.11.6 Urea Formaldehyde Foam Insulation

Formaldehyde is a pungent, colourless gas commonly used in water solution as a preservative and disinfectant. It is also a basis for major plastics, including durable adhesives. It occurs naturally in the human body and in the outdoor environment. Formaldehyde is used to bond plywood, particleboard, carpets, and fabrics, and it contributes to "that new house smell."

Formaldehyde is also a by-product of combustion; it is found in tobacco smoke, vehicle exhaust and the fumes from furnaces, fireplaces and wood stoves. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations. Symptoms of overexposure to formaldehyde include irritation to eyes, nose, and throat; persistent cough and respiratory distress; skin irritation; nausea; headache; and dizziness.

Urea-formaldehyde foam insulation (UFFI) was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and "cure" into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. The further use of UFFI was banned in Canada in 1980.

No evidence of UFFI was observed during the site visit.

5.11.7 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints, and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for a maximum acceptable level of radon gas of 200 Becquerels per cubic metre (Bq/m^3) where radon gas is present and the annual radon concentration exceeds 200 Bq/m^3 in the normal occupancy area.

A radon gas assessment was beyond the scope of this Phase One ESA, and as such, radon gas was not assessed.

5.11.8 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow, a food source (i.e. gypsum wallboard, wallpaper, wood, etc.) and moist conditions are required. Mould can have an impact on human health depending on the species and concentration of the airborne mould spores. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment, the industry standards include the Canadian Construction Association (CCA) document 82-2004 titled "mould guidelines for the Canadian construction industry" and the Environmental Abatement Council of Ontario (EACO) guidelines titled "EACO Mould Abatement Guidelines, Edition 3 (2015)."

It is important to note that the Ministry of Labour (MOL) has governed protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings.

No evidence of mould was observed in the accessed areas at the time of the site visit.

5.12 Other Substances

No other special attention substances (such as acrylonitrile or isocyanates) were suspected to be present at the Phase One property at the time of site reconnaissance.

5.13 Processing and Manufacturing Operations

No processing or manufacturing operations were observed at the Phase One property.

5.14 Hazardous Materials Use and Storage

No hazardous materials are used or stored at the Phase One property.

5.15 Vehicle and Equipment Maintenance Areas

No equipment maintenance has occurred on the Phase One property.

5.16 Oil/Water Separators

No oil/water separators were present at the Phase One property.

5.17 Sewage and Wastewater Disposal

Sewage and wastewater generated at the Phase One property was disposed of via the municipal system.

5.18 Solid Waste Generation, Storage & Disposal

Solid wastes generated at the Site are collected by a licensed contractor.

5.19 Liquid Waste Generation, Storage & Disposal

Liquid wastes generated at the Site were limited to waste cooking oil, stored in a plastic tote on the south side of the building.

5.20 Unidentified Substances

No unidentified substances were observed on the Phase One property at the time of the site visit. No dumping or any other deleterious materials were identified.

5.21 Hydraulic Lift Equipment

No hydraulic equipment was observed at the Phase One property.

5.22 Mechanical Equipment

No mechanical equipment was present on the Phase One property.

5.23 Abandoned and Existing Wells

There are no wells present on the Phase One property.

5.24 Roads, Parking Facilities and Right of Ways

Vehicular access to the Phase One property is from Baseline Road or Fisher Avenue.

5.25 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 3 in Appendix C for the adjacent land uses.

The following land uses border the Phase One property:

- North: Baseline Road followed by the Central Experimental Farm;
- West: Residential;
- East: Fisher Avenue followed by residential; and
- South: Residential.

No environmental concerns relating to the adjacent properties were found at the time of the site visit.

5.13 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a “property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment.”

Therefore, in accordance with Regulation 153/04, the property is considered to be an enhanced investigation property.

5.14 Summary and Written Description of Investigation

At the time of the investigation, the Phase One property was occupied by a multi-unit commercial strip mall.

Based on the findings of this investigation, two PCAs have been identified on the Phase One property, one of which resulted in an APEC. No off-site PCAs were identified.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Based on a review of historical aerial photographs, fire insurance plans and other records review, it appears the subject site was first developed for commercial use circa 1986. Prior to the development of the building, the Phase One property was mostly vacant, with a residence in the northwest corner.

6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area. The following PCA were identified for the Phase One property and the Phase One study area:

The following PCAs were identified:

- PCA#30 – Importation of Fill Material of Unknown Quality; previous investigations on the Phase One property indicate a layer of fill is present below ground cover on the property; and
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used); a unit in the building on the Phase One property was formerly used as a dry cleaning depot.

No other PCAs that took place within the vicinity of the Phase One property (approximately 250 m radius) were identified.

Although a unit in the Phase One property formerly operated as a dry-cleaning depot, based on the Phase II ESA by Paterson in August 2021, no VOC impacts to soil or groundwater was measured and therefore, this is not an APEC.

6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present. Based on this Phase One ESA, the following APEC was identified:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA#30 – Importation of Fill Material of Unknown Quality	On-Site	Metals, petroleum hydrocarbons (PHC), polycyclic aromatic hydrocarbons (PAH)	Soil

6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 2.

6.4.1 Buildings and Structures

The Phase One property is currently occupied by a slab-on-grade commercial building. The building was constructed circa 1986.

6.4.2 Water Bodies and Groundwater Flow Direction

There are no water bodies on the Phase One property. The closest body of water is the Rideau River approximately 1.4 km to the southeast. The inferred groundwater flow direction is southeast towards the Rideau River.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

Thirty-three well records were identified within the Phase One study area. All of the well records were for domestic wells in the Phase One study area. As this area is now serviced by municipal water, it is likely these wells are no longer in use. Well records indicate surficial soil consists of silty clay.

6.4.5 Potentially Contaminating Activity

The following on-site PCA were identified:

- PCA #30 – Importation of Fill Material of Unknown Quality
- PCA #37 – Operation of Dry Cleaning Equipment (where chemicals are used)

No off-site PCA were identified.

6.4.6 Areas of Potential Environmental Concern

The following APEC were identified:

- APEC #1 – Entire Phase One property (PCA #30 – Imported Fill Material of Unknown Quality)

6.4.7 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of limestone and dolostone of the Oxford Formation at a depth of 15 to 18 m below ground surface. Native surficial soil consists of fine textured glaciomarine deposits of silt and clay.

6.4.8 Uncertainty Analysis

The CSM aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property. All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.

7.0 Conclusions

In summary, the following areas of potential environmental concern (APEC) were identified:

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC #1	Entire Phase One property	PCA#30 – Importation of Fill Material of Unknown Quality	On-Site	Metals, petroleum hydrocarbons (PHC), polycyclic aromatic hydrocarbons (PAH)	Soil

Although a unit in the Phase One property formerly operated as a dry cleaning depot, based on the Phase II ESA by Paterson in August 2021, no VOC impacts to soil or groundwater was measured and therefore, this is not an APEC. Fill quality was not assessed during the previous investigation.

Therefore, The Qualified Person who oversaw this work, Mark McCalla, P.Geo., recommends that a Phase Two ESA be conducted to address the APEC that may have adversely affected the Phase One property.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geoottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975,* 2002.
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- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
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- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environment-and-energy/map-well-records water wells).
- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

- Patterson Group, *Phase I Environmental Site Assessment, Fisher Heights Plaza, 780 Baseline Road, Ottawa, Ontario*, August 2005.
- Patterson Group, *Phase II Environmental Site Assessment, 780 Baseline Road, Ottawa, Ontario*, August 2021.

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or Theberge Development Ltd. ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

Use of Report

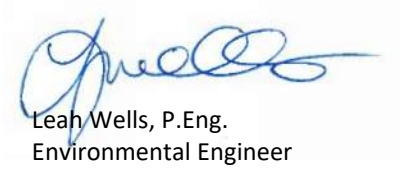
The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

10.0 Signatures

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.



Leah Wells, P.Eng.
Environmental Engineer
Earth and Environment

Mark McCalla, P.Geo.
Senior Project Manager
Earth and Environment

Appendix A: Qualifications of Assessors

Qualifications of Assessors

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Leah Wells, P.Eng., has five years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis.

Mark McCalla, P.Geo., is a senior Environmental Scientist with EXP who has over 30 years of experience in the environmental consulting field. His technical undertakings have including work in the following fields: Phase I and II Environmental Site Assessments; Site Specific Risk Assessments; Petroleum and chlorinated hydrocarbon contaminated sites; Soil and groundwater remediation technologies; Hydrogeological, Terrain Analysis and Aggregate Assessments; Preparation of Ontario Ministry of Environment Certificate of Approvals and Records of Site Condition. Mr. McCalla is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg. 153/04.

Appendix B: Survey Plan

SCHEDULE		
PART	DESCRIPTION	INST. No.
1	Lots 8 & 9 and Part of Lot 7 Reg'd Plan 310509 City of Nepean Parts of Lots 7,8,9,10,11 & 12 Reg'd Plan 310501 City of Ottawa	Part of Inst. No's 59904 & NS 25956
2	Parts of Lots 9,10,11 & 12 Reg'd Plan 310501 City of Ottawa	" "
3	Parts of Lots 6 & 7 Reg'd Plan 310501 City of Ottawa	Part of Inst. No. 59904
4	Part of Lot 7 Reg'd Plan 310501 City of Ottawa Part of Lot 7 Reg'd Plan 310509 City of Nepean	" "
5	Parts of Lots 6 & 7 Reg'd Plan 310501 City of Ottawa	" "
6	Part of Lot 7 Reg'd Plan 310501 City of Ottawa	" "
7	" "	" "

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE REGISTRY ACT.
DATE April 30 1984
George D. Annis
GEORGE D. ANNIS
ONTARIO LAND SURVEYOR

PLAN 5R- 7986
RECEIVED AND DEPOSITED
DATE 3 May 1984
John Richichi
ASSTT DEP.
LAND REGISTRAR FOR THE REGISTRY DIVISION OF OTTAWA-CARLETON No. 5

CAUTION : THIS PLAN IS NOT A PLAN OF SUBDIVISION WITHIN THE MEANING OF THE PLANNING ACT.

PLAN OF SURVEY OF PARTS OF LOTS 6,7,8,9,10,11&12 REGISTERED PLAN No. 310501 CITY OF OTTAWA AND LOTS 7,8&9 REGISTERED PLAN No. 310509 CITY OF NEPEAN (ALL FORMERLY IN THE TOWNSHIP OF NEPEAN) REGIONAL MUNICIPALITY OF OTTAWA-CARLETON

SCALE 1:500
20 15 10 5 0 10 20 Metres

METRIC
DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

SURVEYED BY
ANNIS & O'SULLIVAN LTD.
1984.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE REGISTRY ACT AND THE REGULATIONS MADE THEREUNDER.
2. THE SURVEY WAS COMPLETED ON THE 20th DAY OF MARCH, 1984

April 30, 1984
George D. Annis
GEORGE D. ANNIS
ONTARIO LAND SURVEYOR.

NOTES & LEGEND

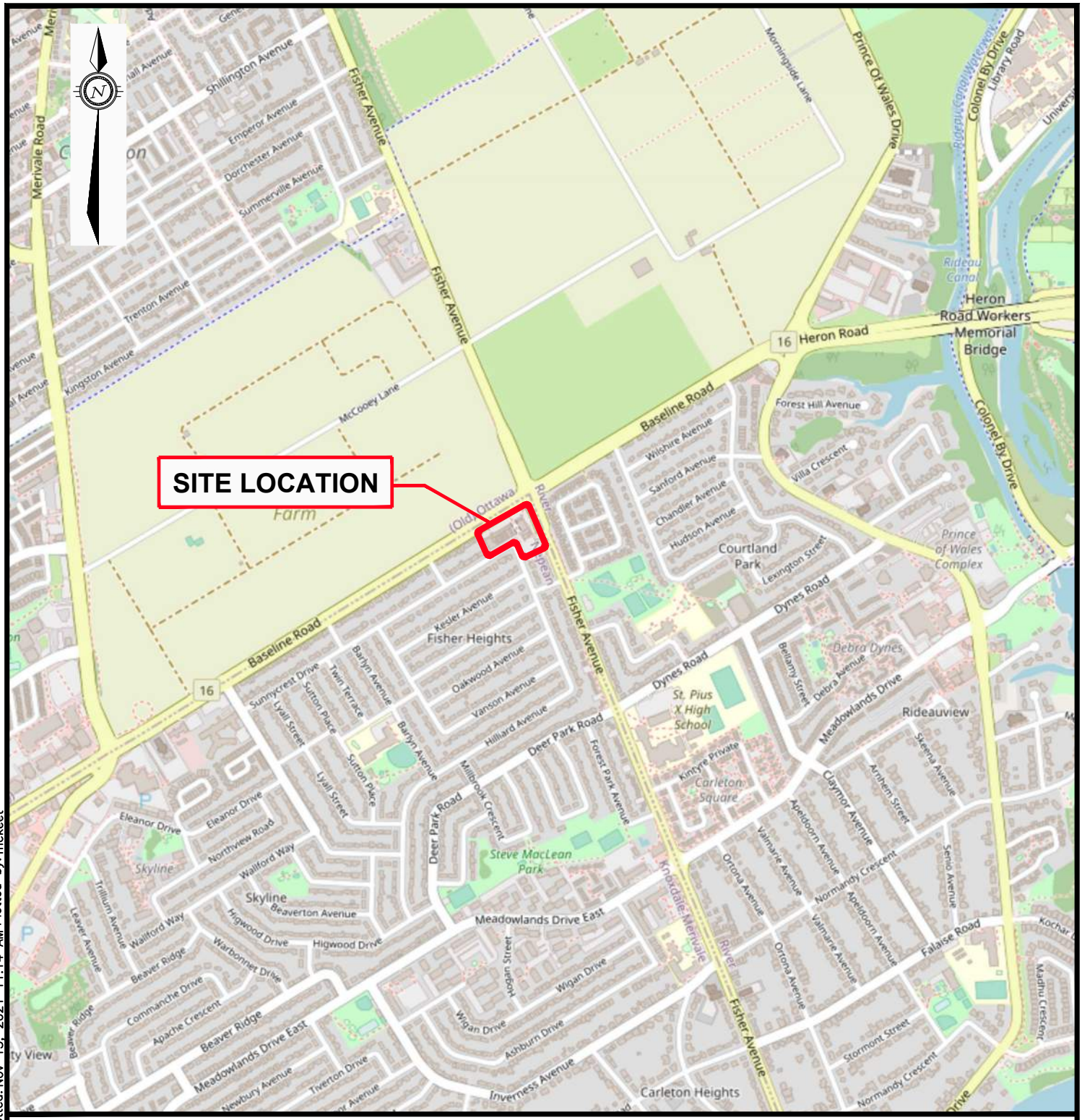
STANDARD IRON BAR (0.025 sq. X 1.2) shown thus	S.I.B.
SHORT STANDARD IRON BAR (0.025 sq X 0.6) shown thus	S.S.I.B.
IRON BAR (0.016 sq X 0.61) shown thus	I.B.
IRON BAR ROUND (0.019ø X 0.61) shown thus	I.B. Ø
ROUND IRON BAR shown thus	R.I.B.
CUT CROSS shown thus	C.C.
IRON PIPE shown thus	I.P.

Fd. denotes Found
Wit. denotes Witness.
Acc denotes Accepted.
P & W denotes Post & Wire
U/P denotes Utility Pole
R.P. denotes Registered Plan
Bearings are astronomic, derived from the easterly limit of Hilliard Avenue shown to be N 22° 04' W on Registered Plan No. 310509.
SURVEY MONUMENT FOUND shown thus
SURVEY MONUMENT PLANTED shown thus
S.U. denotes Source Unknown.
A.O.G. denotes Annis & O'Sullivan Ltd.

FROM THE OFFICE OF
ANNIS & O'SULLIVAN LTD.
ONTARIO LAND SURVEYORS
EMBRUN - RUSSELL & OTTAWA ONTARIO.

TRANSLAR 280-9-79

Appendix C: Figures



0 150m 300m 600m

HORIZONTAL 1:15,000

EXP Services Inc. **www.exp.com**
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no.: OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale: ~1:15,000
DRAWN BY: TM	TITLE: SITE LOCATION PLAN 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG 1

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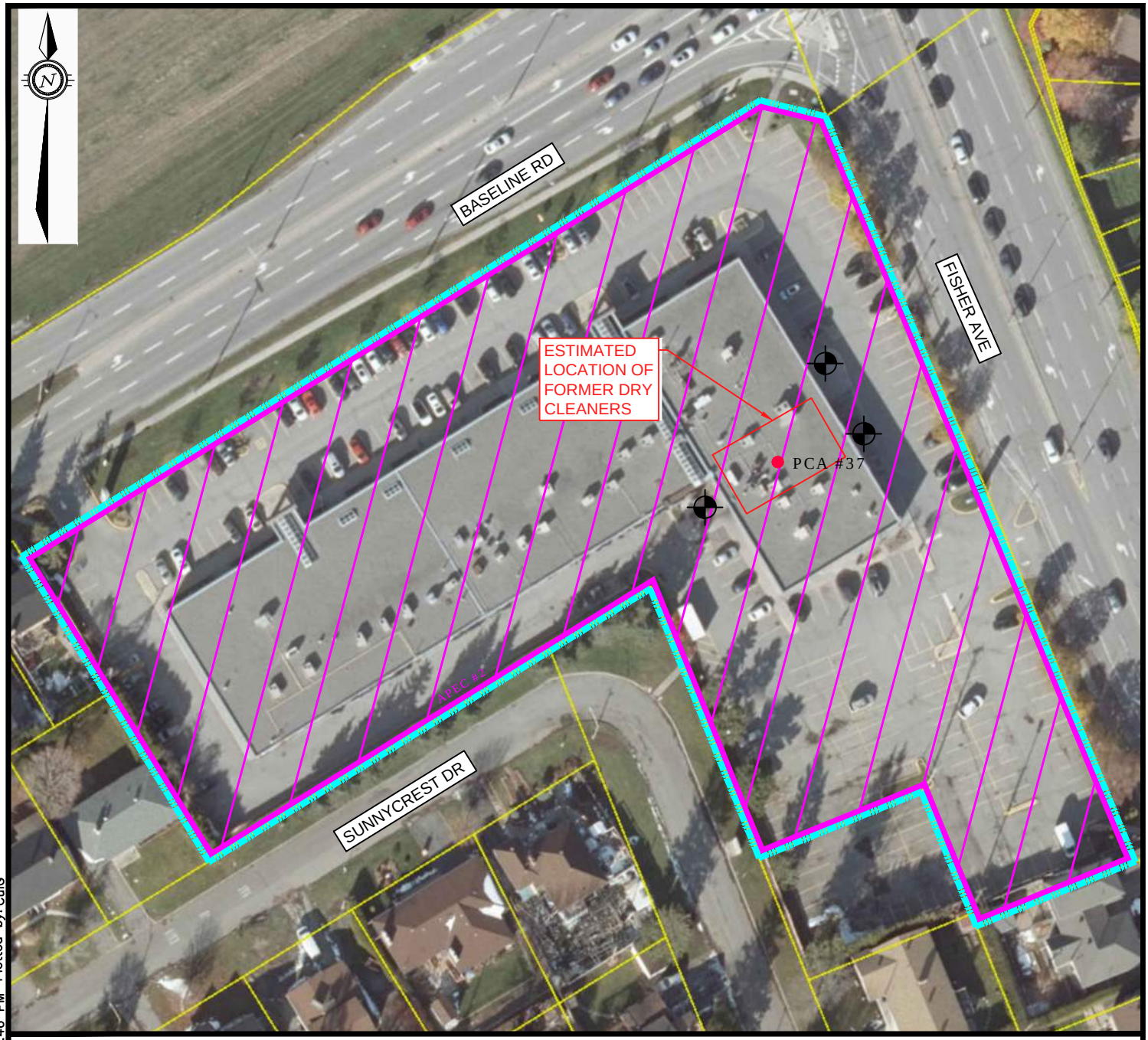

AREA OF POTENTIAL ENVIRONMENTAL CONCERN

LEGEND

PROPERTY BOUNDARY

MONITORING WELL NAME AND LOCATION (PATTERSON, 2021)

PCA #37

APEC 1 – PCA #30 IMPORTED FILL MATERIAL OF UNKNOWN QUALITY

– PCA #37 OPERATION OF DRY-CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)

0 10m 20m 40m

HORIZONTAL 1:1000

EXP Services Inc. www.exp.com
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2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM	TITLE: SITE PLAN	scale 1:1,000
DRAWN BY: TM	780 BASELINE ROAD, OTTAWA, ONTARIO	FIG 2

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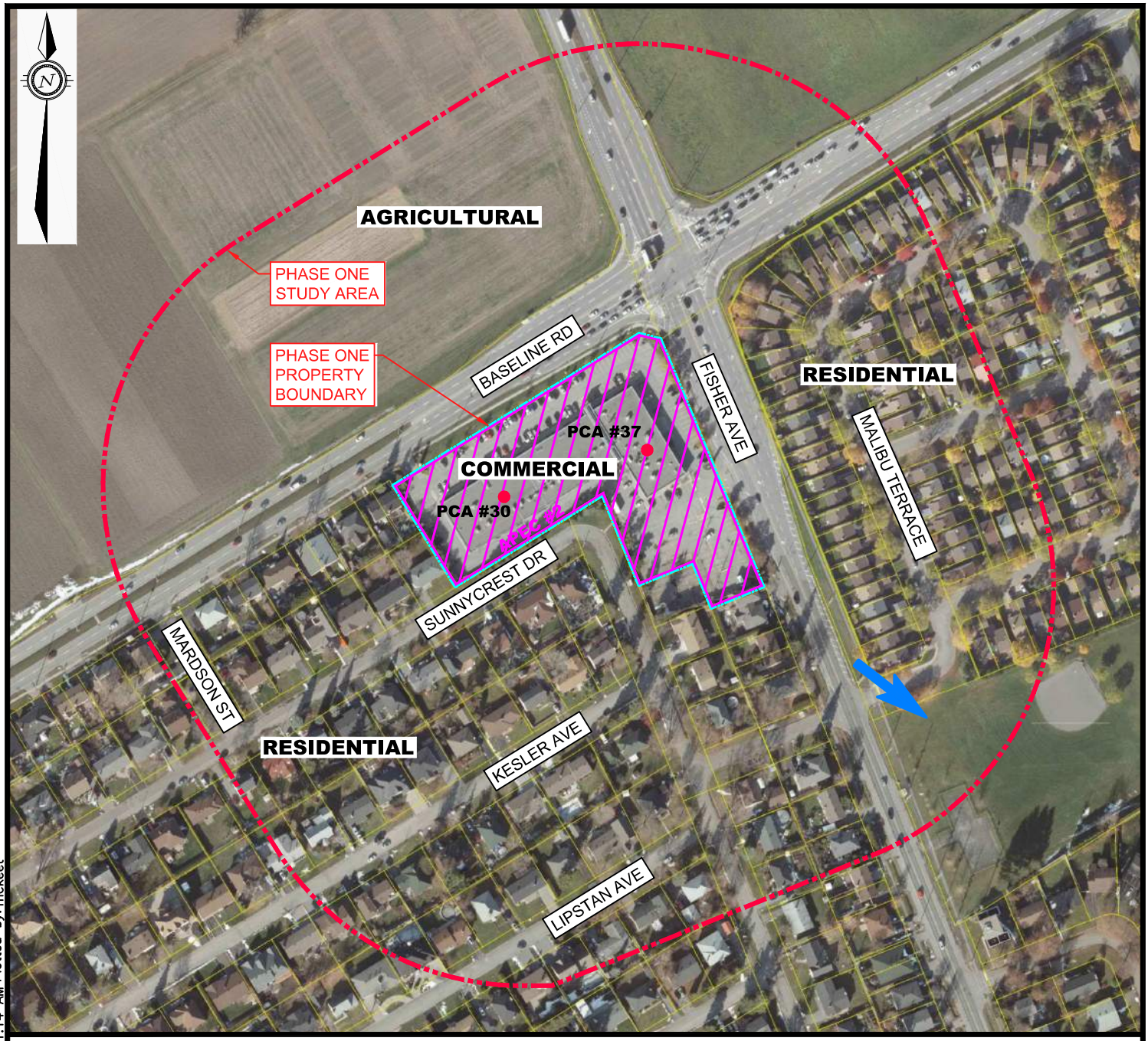

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (150m)
- INFERRED GROUNDWATER FLOW DIRECTION
- **PCA #28** ● POTENTIALLY CONTAMINATING ACTIVITY (PCA)

0 30m 60m 120m
HORIZONTAL 1:3,000

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2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: PHASE ONE STUDY AREA 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG 3

Appendix D: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records

enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

780 Baseline Road Ottawa Ont

Project No:

21060300142

Opta Order ID:

91438

Requested by:

Eleanor Goolab
ERIS

Date Completed:

6/9/2021 7:57:00 AM

Project Name: Phase One ESA

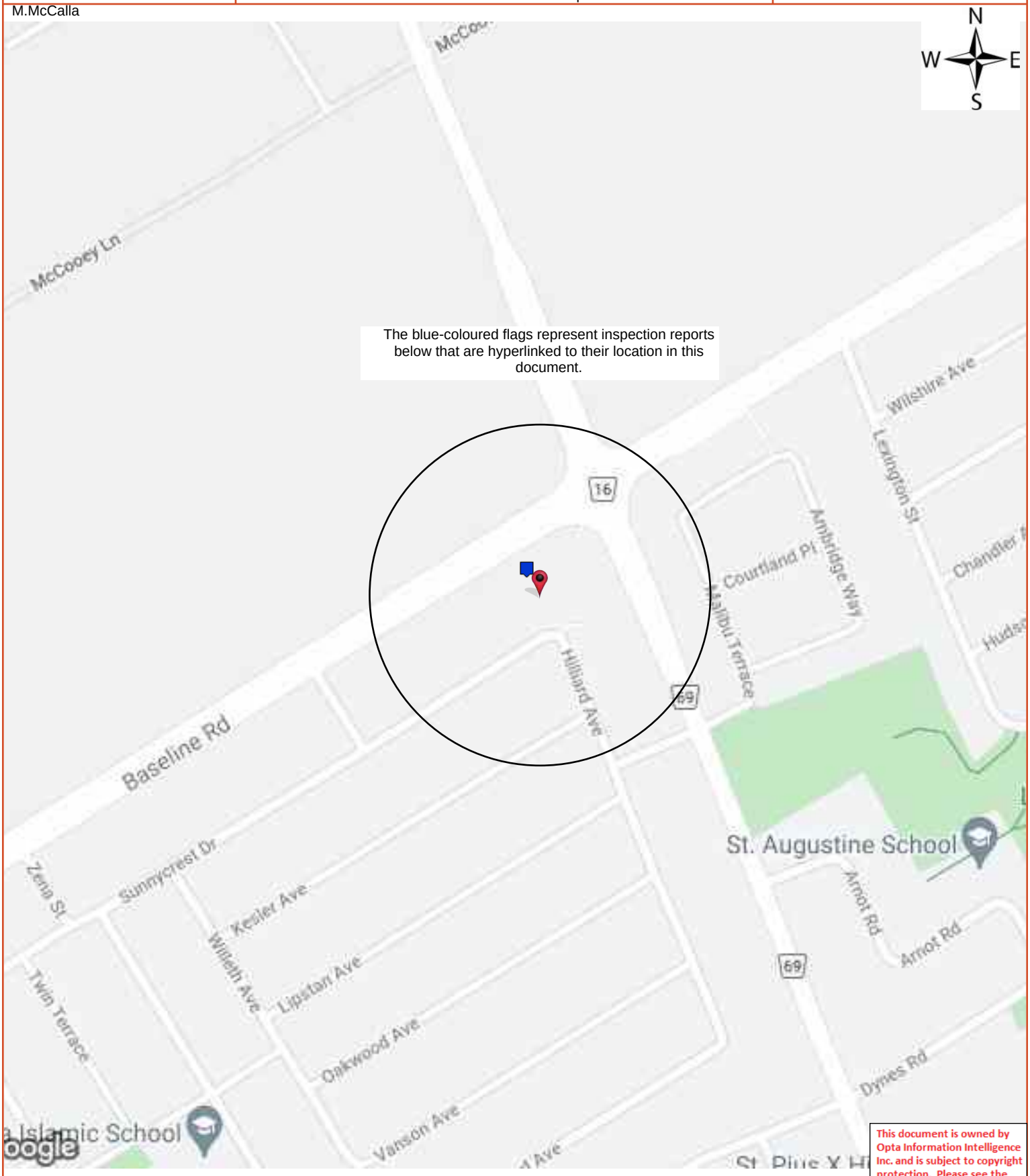
Project #: 21060300142
P.O. #: OTT21011499A0 100
M.McCalla

ENVIROSCAN Report

Search Area: 780 Baseline Road Ottawa Ont

Requested by:
Eleanor Goolab
Date Completed: 06/09/2021 07:57:00

enviroscan
OPTA INFORMATION INTELLIGENCE



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Report

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ENVIROSCAN Report

Multirisk Report - 1994 MOVIE EMPORIUM LTD. 780 BASELINE RD OTTAWA ON K2C 3V8 Reference No: 11291428

Requested by:
Eleanor Goolab
Date Completed: 06/09/2021 07:57:00

OPTA INFORMATION INTELLIGENCE

AIS Ref No.: 11291428

1994

Ontario Branch
Confidential Report

MULTIRISK SURVEY

Insured:	MOVIE EMPORIUM LTD.
Location Surveyed:	780 BASELINE RD OTTAWA, ONTARIO K2C 3V8
Person Contacted:	Derek Moore
Telephone Number:	(613) 225-5222
Policy Number:	
AIS Reference:	11291428
Surveyed by:	Herb Nelson
Date of Survey:	1994.08.11

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ENVIROSCAN Report

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NOTE: The sole purpose of this report is to provide insurance pricing and underwriting information about the particular insured and location named. Only the person requesting this survey will receive a copy of the report, and IAO asks that it be kept strictly confidential. This report does not guarantee compliance with any standards or with any federal, provincial or municipal codes, ordinances or regulations. Tests of fire and other protection equipment have not been conducted or witnessed during this survey.

IAO reports, prepared in compliance with commonly accepted risk control standards existing at the time services are rendered, are developed from a survey of the premises and/or from data supplied by or on behalf of the Purchaser. IAO does not purport to list all hazards. While changes and modifications, referred to in the reports are designed to upgrade protection and loss prevention of the premises, IAO assumes no responsibility for management and control of these activities. IAO will not be responsible to the Purchaser for any loss or damages, whether consequential or other, however caused, incurred or suffered, as a result of the services being provided.

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AIS Ref No.: 11291428

MOVIE EMPORIUM LTD.
780 RD BASELINE; OTTAWA, ONTARIO

M U L T I R I S K - F I R E, L I A B I L I T Y A N D
B A S I C C R I M E

OCCUPANCY:

The insured is a tenant at this location. They have been in operation since 1991 and at this location for 2 year(s). They occupy 27 sq. m and are not the major occupant, having 1 employee. The premises are in good condition. The insured is interested in loss prevention, however there have been losses during the last 3 years.

* Loss History

The insured suffered two smash and grab breakins within three days. The first was on Aug. 5th. and the second on Aug. 8th. Both occurred at approximately 6:00 A.M. The intruded broke the glass from the side door and escaped with stolen goods before the police could respond to the alarm.

A list of stolen property has been submitted to the insurance company.

* Occupancy Description (Insured / major tenant if insured is non-occupant)

The insured occupies a small area inside a video rental store as a retailer of laser discs. The insured also leases VHS cameras and VCR'S on a monthly basis and rents them on a day by day basis.

The video store occupies 687 square metres and leases a 27 square metre area to the insured. The same access to the premises is used by both tenants.

* Other Classes of Occupants

Various retail stores, dentists office, pizza parlor, tanning studio, hair dresser and bank.

* Undersirable Features

None

It is recommended that this location be resurveyed in 1 year(s).

BUILDING:

* Built - 1986 Height: Storey(s) (excluding basement) - 1
* There are no additions.
* There are no renovations.
* Building condition - Good

* Area: Ground Floor - 2279 sq. m Total (including basement) - 2279 sq. m

---

BASIC CONSTRUCTION:

* Walls - 100% Masonry - Concrete blocks, brick faced

* Floors - (excluding basement) 100% Concrete

* Roof - 100% - Steel deck
  - Surface material(s) - Tar and gravel
  - Original roof.

INTERIOR FINISH:

* Walls - 100% non-combustible

* Ceilings - 100% non-combustible

BASEMENTS: None

VERTICAL OPENINGS: None

MEZZANINE: None

OUTBUILDINGS: None

HEATING:

* Roof Mounted Units - 100% - Natural gas
  - Original installation.
  - Installation appears safe

* Fuel Tanks/Supply:
  - Supply - UG Natural Gas Connection

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AIS Ref No.: 11291428

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ELECTRICAL:

* Condition - Good and appeared safe at the time of the survey.
* Wiring - Conduit, BX
* Overcurrent protection - Circuit Breakers.
* Electrical system - Original installation.

PLUMBING:

* Condition - Good at the time of the survey.
* Piping is Copper
* Plumbing - Original installation.

EXPOSURES: (within 15m of the risk):

* REAR: TO TENANT
  Construction - Masonry.
  Occupancy - Video store.
  Distance - 0 m Height - 1 storeys
  Protection - Automatic Sprinklers Grading - Light

* RIGHT: TO TENANT
  Construction - Masonry.
  Occupancy - Video store.
  Distance - 0 m Height - 1 storeys
  Protection - Automatic Sprinklers Grading - Light

* FRONT: OPEN

* LEFT: OPEN

MUNICIPAL PROTECTION:

* The FUS Public Fire Protection Classification is 3
* Responding (career) fire department Ottawa
* Distance from risk 2.5-5 km
* Access via Paved roads. Year-round.

* The building itself is easily accesible to the fire department.
* Two hydrants within 155m (standard)

PRIVATE PROTECTION at this location includes the following:

* Standard extinguishers; Automatic sprinkler (The sprinkler system was neither tested nor evaluated during this survey, a sprinkler survey is available upon request)
* Fire detection/alarm system - Local - Partial Heat & Smoke

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AIS Ref No.: 11291428

MOVIE EMPORIUM LTD.
780 RD BASELINE; OTTAWA, ONTARIO

M U L T I R I S K - L I A B I L I T Y

OCCUPANCY - GENERAL INFORMATION

* Neighbourhood is predominantly commercial
* Insured - tenant Area occupied - 27 sq. m
* 90% accessible to public. Public access is considered moderate
* Gross revenue - $42,000

PREMISES information at the time of this survey

* The following appeared to be SATISFACTORY:

  Floor surfaces & coverings; Wall & ceilings; Inerior Lighting; Exterior Lighting; Emergency Lighting; Interior Housekeeping; Exterior Housekeeping; Sidewalks, Yards & Parking Lots; Snow & ice removal; Signs & Awnings; Roof attachments; Fire exits; Fire alarms

* Elevating devices in operation - none

AIS Ref No.: 11291428

MOVIE EMPORIUM LTD.
780 RD BASELINE; OTTAWA, ONTARIO

M U L T I R I S K - B A S I C C R I M E

NEIGHBOURHOOD:

* Predominantly commercial
* Stable
* Best described as having a moderate crime rate

BUSINESS:

* Description - Retail and rental of laser discs
* Hours of Operation - 10:00 to 9:00 Mon. to Sat. Noon to 6:00 Sun.
* Typical Stock - Laser discs, VHS cameras, VHS VCR's and laser players
* Target Stock Details - VHS cameras, VHS VCR's, laser players
* Smash and Grab exposure is moderate
* There is no safe on the premises

GENERAL PROTECTION at the time of this survey:

* The following appeared to be SATISFACTORY:

  Exterior Lighting, Interior Lighting, Roof Accessability, Target stock protection, Police Patrols

* Security Alarm System - Yes

SECURITY SYSTEM (TENANT or OWNER/OCCUPANT):

* A premises alarm system is in place
* The extent of protection by this system is space/area
* The alarm is Unlisted service
* It could not be determined if line security is provided
* The type of line security is Unable to determine

PHYSICAL PROTECTION (TENANT or OWNER/OCCUPANT):

* The exterior locks at this location are deadbolt
* The windows are not barred

This report section is designed to provide basic crime information only. More detailed crime information can be obtained by ordering an Expanded Crime Supplement.

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AIS Ref No.: 11291428

MOVIE EMPORIUM LTD.
780 RD BASELINE; OTTAWA, ONTARIO

M U L T I R I S K
R E M A R K S / R E C O M M E N D A T I O N S

REMARKS:

* Fire, Liability & Basic Crime - The insured is located in a sprinklered building. Neither the sprinkler system nor the water supply were tested or evaluated
at the time of this inspection. A full underwriters report can be ordered by writing to IAO Toronto SR-34494.

The premises has an alarm system with motion detectors, glass breakage and magnetic contacts. There are also security cameras on the premises. This system is shared by both tenants.

The door which was broken through by the intruder has since been fitted with security bars.

The insured was formerly located in another mall in the area but moved for economic reasons; lower rent, better parking facilities for customers. He is now negotiating with two other landlords and intends to relocate again within two months.

No recommendations made at this time.

Inspection Report - 2005 Lone Star Cafe Restaurant Inc. 780 Baseline Rd Ottawa ON K2C 3V8

CGI All Risk
INSPECTION REPORT

Supplement/s attached: ☒ Yes # of : 1 ☐ No

1.0 BASIC INFORMATION

Insured:	Lone Star Cafe Restaurant Inc.	**Policy Number**	
Date of survey (YYYY/MM/DD):	2005/07/28	**CGI Loss Control Specialist:**	Jean Yves Toupin
Person Contacted: Position	Scott	**Telephone No.**	613-224-4044
Mailing Address if Different for risk:	(unit # street # & name)	(City, Town, Village)	**CGI AIS No.: 11291428 Tracking No.: 5602928**
Location Surveyed:	780 Baseline Rd (unit # street # & name)	Ottawa (City, Town, Village)	Ontario (Province) K2C 3V8 (postal code)
Secondary address (If any)	(unit # street # & name)	(City, Town, Village)	(Province) (postal code)
IBC Territory Code	63	**IBC Building Ind. Code: 5812**	**SR/MA File No.**
Underwriter:		**Broker:**	

The ***CGI Risk•Score*** and comments contained in this report are based on conditions and practices observed during our survey and other pertinent data supplied by management personnel at the risk.

Recommendations in this report are made to point out those areas where remedial action could have the beneficial effect of making the above premises safer and thus more desirable from an underwriting standpoint.

Thank you for choosing CGI to perform this inspection. Please do not hesitate to contact us if we can be of any further assistance.

2.0 *CGI Risk•Score*

	1	2	3	4	5	6	7	8	9	Comments
Property	☐	☐	☐	☒	☐	☐	☐	☐	☐	*The property is in good condition and appears to be well maintained, A recommendation applies.*
Liability	☐	☒	☐	☐	☐	☐	☐	☐	☐	*No trip and fall hazards noted*
Crime	☐	☒	☐	☐	☐	☐	☐	☐	☐	*No crime hazards noted*

(1=Excellent & 9=Poor)

RISK ALERT ISSUED: ☐ **Yes** ☒ **No** **IF YES, DESCRIBE** *(A risk alert is a telephone notification to the Inspection requestor, of a situation which could imminently cause a serious loss. A Critical Recommendation will be issued to address the situation.)*

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Meaning of the **CGI Risk•Score:** The CGI Score is a grading of the risk inspected versus other risks in this class. Similar to the "Commercial" Fire Protection Grading system in design, there is range of 9 categories, with a grading or "score" of 1 being the most desirable. The CGI Score is based on a number of objective criteria pertaining to the risk at the time of our survey, tempered with the experienced judgement of our Loss Control Specialist. As a general guideline, the scores mean the following criteria:

1-3	Risks in this range are well maintained, with no apparent moral hazards or management problems. Undesirable features are non-existent and recommendations, if any, are desirable. Risks in this category are excellent (no deficiencies) to better than average for their class.
4-6	The maintenance of Risks in this range is considered average. Moral hazards are not apparent, but there may be possible management problems (e.g. poor housekeeping). Undesirable features noted are correctable, and recommendations will vary from desirable to important. Risks in this category are considered average for their class.
7-9	Risks in this range tend to be poorly maintained. Moral hazards and management problems (e.g. poor housekeeping and maintenance, poor attitude) are evident. Significant undesirable conditions are present and cannot or will not be corrected. Critical Recommendations may be present. Risks in this category are significantly below average for their class with little or no indication for improvement.

3.0 REMARKS

The risk is located at the end of a strip mall located in an established area of the city of Ottawa. The building is a 1 storey building occupied by various commercial tenants. The premises is equipped with a monitored security system and pull stations along with adequate portable fire extinguishers. and is fully sprinklered. No " K " type extinguishers in the kitchen area, (See Recommendation Made).
No liability hazards were noted at the time of this survey
No crime hazards were noted during this inspection

4.0 RECOMMENDATIONS

Please note that these recommendations are classified as either ☐ **Critical,** ☐ **Important, or** ☐ **Desirable Improvement**. **"Critical"** recommendations are those aimed at correcting undesirable feature/s which, if left unattended, could cause a serious loss and should be rectified immediately. This class of recommendation is only used in extreme situations. **"Important"** recommendations are intended to highlight undesirable feature/s which if left unattended, could cause a serious loss and should be rectified as soon as possible. **"Desirable Improvement"** recommendations are those aimed at correcting an undesirable feature which can be improved when feasible, to help reduce the risk of a loss.

☒ Listed below	or	☐ None

05-1	☐ Critical ☒ Important ☐ Desirable Improvement
	The current multi purpose portable fire extinguisher in the kitchen area should be replaced with a Class K, ULC or equivalent labeled portable fire extinguisher in compliance with N.F.P.A. #10 Code requirements.

	☐ Critical ☐ Important ☐ Desirable Improvement

	☐ Critical ☐ Important ☐ Desirable Improvement

	☐ Critical ☐ Important ☐ Desirable Improvement

☐ Critical ☐ Important ☐ Desirable Improvement	

5.0 OCCUPANCY INFORMATION

The Insured is:	☐ Owner Occupant	☐ Non-occupant building owner	☒ Tenant

Insured's Occupancy Description: The insured operates a popular licensed restaurant occupying an end unit of a strip mall. The risk has a commercial kitchen with deep fat fryers with adequate ventilating and extinguishing system. The insured has been operating this business at this location for the past 19 yrs and reports that business is good. All employees received in house training and those serving alcohol must be smart serve certified. The insured was cooperative and interested in loss prevention measures.

IBC Code: 5812	IBC Subcode: 02	Premises Intrusion Alarm: Acceptable
Special Hazard Code(s): HT5 Line 5.12		Description: Regular commercial cooking - full protection.
Special Hazard Code(s):		Description:

Name of building owner(if not Insured):	Unknown to contact.	Number of years bldg. Owned: 19
Number of years at this location:19	Area occupied (sq. m): 625	Business hours: 11:30 am - 12 am
Days per week: 7 days	Annual Revenue (optional):	Payroll (optional):

Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined
Explain loss history:	
Insured Values: Property: $	Contents: $1,300,000
Combustibility of Occupancy: M3	Susceptibility of Occupancy: S4-Heavy Damage

Occupancy: **Major Tenant is:** ☒ Insured or ☐ See Major Tenant Below ☐ refer to Occupancy Specific Supplement

Major Tenant in Building Combustibility Code: -- Susceptibility Code: --

Name:	Area occupied (sq.m):	IBC Code:
Occupancy Description:		IBC Sub Code:
Special Hazard Code(s):	Description:	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: --	

Other Classes of Occupants

DESCRIBE PARTITION WALLS BETWEEN TENANTS: CB

Name: Big Daddy's	Area occupied (sq.m): 209	IBC Code: 5812
Occupancy Description: Licensed Louisiana Style Restaurant, with commercial cooking.		IBC Sub Code: 00
Special Hazard Code(s): HT.5 line 5.12	Description: regular commercial cooking - full protection	
Special Hazard Code(s):	Description:	
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Number of years at this location:	Premises Intrusion Alarm: Acceptable	
Name: Mac's Milk	Area occupied (sq.m): 230	IBC Code: 5991
Occupancy Description: Convenience Store		IBC Sub Code: 00

Special Hazard Code(s): n/a	Description:
Special Hazard Code(s):	Description:
Previous loss history past 3 years ☐ Yes ☐ No ☒ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☒ Undetermined
Number of years at this location:	Premises Intrusion Alarm: Acceptable
Areas not surveyed:	☐ For additional tenants see attached list
Comments:	

6.0 BUILDING CONSTRUCTION (IBC Major Construction Class 2)

Building condition:	☐ Above Average	☒ Average	☐ Moderate deficiencies	☐ Major deficiencies	
Year built: (yyyy)	1986	Area occupied by insured (sq. m): 625		Combustibility of Building M3	
Ground floor area (sq. m):	1059 sq. m	Total floor area (excl. bsmt.)		1059 sq. m	
Height (excluding basement):	4 m	Number of Stories: 1 (above grade)			
Basement: ☐ Yes ☒ No		Area of basement: n/a (sq. m)		Total area: 1059 sq. m	
Additions (year & brief description):					
Renovations (year & brief description):					
Wall construction:	Reinforced Concrete % ( )	Masonry: 100%: (CBBV)	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: %: ( )
	Other: %, Describe:				
	Insulation:				
	Panels in Walls:	Glass: %	Combustible: %	Non Combustible: %	
Floor Construction:	Concrete: 100%	Concrete on metal pan: %		Wood joist: %	
	Other: %, Describe:				
Roof Type:	☒ Flat	☐ Quonset	☐ Peaked	☐ Other:	
Roof Construction:	☐ Concrete: %	☒ Steel deck: 100%	☐ Wood joist: %	☐ Steel/Steel: %	
	☐ Other Combustible: %		☐ Other Non Combustible: %		
Roof Surface:	☒ Tar & Gravel: 100%	☐ Metal: %	☐ Asphalt Shingles: %	☐ Wood Shakes: %	
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %		
Resurfaced:	☐ No	☒ Yes	Date: 2004		
Interior Finish Walls:	Combustible:	Ordinary Damage Material: 75%	Special Damage Material: %		
	Non Combustible: 25%		Open: %		
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 20%		Open: 80%		
Vertical Openings:	☒ None	☐ Stairs:	Protection Type: -- hrly. rate	☐ Elevator:	Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed	☐ Atrium: % of Grade Floor	# of Floors:		
	☐ Other:				
Horizontal Separation:	Major Partition Construction:	☐ Not Applicable	☐ Frame	☐ Drywall on Studs	
		☒ Concrete Block		☐ Other:	
	Proper Opening Protection:	☐ Yes	☐ No	☒ Not Applicable	
	Combustible: %	Non Combustible: %			

Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %	
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)		
Combustible Concealed Spaces:	☐ No	☐ Yes	If yes, %, and describe:
Concealed space properly protected:	☐ No	☐ Yes	☐ Not applicable — Comment:
Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☒ No	Strip Mall: ☒ Yes ☐ No
	Stand Alone: ☐ Yes ☒ No	Other, Describe:	
Building Construction Comments: Good			

7.0 FIRE EXPOSURES (Within 50m of risk) ☐ None

Exposing Structures Within 50m:

	Distance	Height	Construction of Exposure Facing Wall	Exposure Occupancy Hazard	Exposure Hazard Description	Exposure Comb. Code	Opening in Facing Wall of Risk Yes	Opening in Facing Wall of Risk No
Front	_____ m	_____ sto.	Open	--	Parking Lot	--	☐	☐
Rear	0 m	1 sto.	Masonry	Medium (M3,M4)	restaurant	--	☐	☒
Left	_____ m	_____ sto.	Open	--	parking lot	--	☐	☐
Right	4 m	1 sto.	Masonry	Medium (M3,M4)	bank	--	☐	☒

Exposing Structure Addresses:

Front:		Left:	
Rear:		Right:	
Comments: _____			

8.0 COMMON HAZARDS (Heating, electrical, plumbing)

HEATING:

Forced warm air:	☐ Electric %	☒ Gas 95%	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☐ Gas %	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Solid Fuel Burning:	Non-Hazardous: %, Describe _____		Hazardous: %, Describe _____		
Other Hazardous:	%	Describe _____			
Other Non-Hazardous:	%	Describe _____			
Electric baseboard units:	☒ 5%				
Installation Appears Safe:	☒ Yes	☐ No	Describe: _____		
Unheated	☐ %	Borrowed Heat: ☐ %			
Boiler: ☐ Yes ☒ No	Age: _____ and Make: _____		Date of last Boiler Inspection: (yyyy/mm/dd) _____		
Appliances enclosed in a non-combustible room:	☐ Yes	☐ No	☒ Not required		
Combustible materials stored in the room:	☐ Yes	☐ No	☒ Not applicable		
Heating Fuel Tanks: ☒ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside	☒ N/A	☐ No	☐ Yes, _____		
Chimneys: ☐ Masonry ☒ Standard	☐ ULC Factory built	☐ Non-standard _____	☒ Unlabelled pre-fab	☐ Other: _____	
Installation defects:	☒ None	☐ Moderate	☐ Major, _____		
Installation replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%		
100% Air Conditioned	Type:	☒ Roof-Top	☐ Central	☐ Other: _____	
Comments: _____					

ELECTRICAL:

Type:	☒ Conduit	☒ BX	☐ Non-metallic	☐ Knob & Tube _____	☐ Other: _____				
Temporary wiring or extension cords:		☒ No	☐ Yes _____						
Overcurrent protection:	☒ Circuit Breakers		Fuses:	☐ Ordinary	☐ Type P	☐ Type D	☐ Other: _____		
Installation defects:	☒ None		☐ Moderate	☐ Major					
Installation (wiring) replaced:	☒ No		☐ Yes	(yyyy)_____ and _____%					
Installation Appears Safe:	☒ Yes		☐ No	Describe: _____					
Partial changes/extensions:	☒ No		☐ Yes	Describe: _____					
Comments: _____									

PLUMBING:

Type:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other: _____
Installation Replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☒ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☒ Yes	☐ No: _____		
Comments: _____				

SMOKING:

Smoking Restricted:	☒ Yes	☐ No			
"No Smoking" Signs posted:	☒ Yes	☐ No	Enforced:	☒ Yes	☐ No
Comments: _____					

HOUSEKEEPING:

☒ Good	☐ Average	☐ Poor	☐ Unacceptable
Comments: _____			

9.0 FIRE PROTECTION

PUBLIC:

F.U.S. Protection Class: *3*	Primary Responding Fire Department: *Ottawa HPA*		Bldg. Prot. Code (NS or AS): *2*	
☒ Full time	☐ Part Time/Volunteer		☐ Composite	
Distance to Fire Department:	*4.3* km			
Roads: ☒ Paved ☐ Unpaved	Accessible Year-round: ☒ Yes ☐ No		Congested/Inaccessible: ☐ Yes ☒ No	
Water Supply:	☒ Public	☐ Private		
Number of Hydrants:	*2* within 155 m,	_____ within 156 - 305 m,	_____ Over 305 m,	☐ None

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☒	☐		*March 2005*	_____
Standpipe/Inside Hoses	☐	☐	N/A ☐	_____	_____
Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☐ None	☒ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	*Smoke & Heat*				
ii) Detector location:	Describe: ceiling				
iii) Maintenance contract:	Yes ☐	No ☒	Company: _____	Telephone #: _____	
iv) Connected to:	☐ ULC Listed Station	☐ Unlisted Service	☐ Fire/Police Department	☒ Local only	

	☐ Other: _____			
Name of Company:	_____			
Automatic Sprinkler Protection:	☐ None	☒ Full Premises	☐ Partial (describe): _____	
	Sprinkler Supplement Attached		☐ Yes	☒ No (Sprinkler System Not Tested or Evaluated)
Fire Protection Comments: Adequate				

10.0 ALL RISK:

Information Confirmed by: ☒ Person Contacted or: _____

EARTHQUAKE

What is the earthquake zone:	2		
Is there any earthquake history in the area:	☒ No	☐ Yes	☐ Undetermined
If **Yes**, describe history _____			
Significant exterior wall or foundation cracks noted?	☒ No	☐ Yes	Describe: _____
Sagging?	☒ No	☐ Yes	Describe: _____
Comments: _____			

FLOOD

Is this establishment located on a flood plain:	☒ No	☐ Yes	
Is it located near a body of water:	☒ No	☐ Yes	Describe: _____
Distance to nearest body of water:	_____	☒ None determined	
Is there a history of flooding:	☒ No	☐ Yes	If **yes**, give history: _____
Evidence of water damage:	☒ No	☐ Yes	Describe: _____
Years knowledge of risk: 8			
Comments: _____			

WATER DAMAGE

Plumbing is:	☒ Copper	☐ Galvanized	☒ Plastic	☐ Other	Describe: _____
Is there evidence of corrosion:			☒ No	☐ Yes	Describe: _____
Is the building sprinklered:			☒ No	☐ Yes	Comment: _____
Is stock susceptible to water damage:			☐ No	☒ Yes	Describe: *Restaurant furnishings and equipment*
Are all window/skylight openings adequately sealed:			☒ Yes	☐ No	Describe: _____
Does water main pass under building:			☒ No	☐ Yes	Describe: _____
Is the roof covering adequate:			☒ Yes	☐ No	Most recent roof repair date: _____
Inside and/or roof storage tanks/process equipment:			☒ No	☐ Yes	Describe: _____
Tanks/equipment satisfactorily controlled:			☐ No	☐ Yes	If Either Describe: _____
Is there use of:	☐ Skids	☒ Shelving	☐ Floor Drains		☐ Covers over stock/equipment

Sewer Backup claim in the last three years:	☒ No	☐ Yes	☐ Describe: _____
Comments: _____			

COLLAPSE AND/OR SEWER BACKUP

Is there any history of collapse:	☒ No	☐ Yes	Describe: _____
Is there any history of sewer back-up:	☒ No	☐ Yes	Describe: _____
Are sewer back-up protection devices in place:	☒ No	☐ Yes	Describe: _____
Comments: _____			

ADDITIONAL PERILS

If Yes, Describe:

Is lightning protection in place:		☒ No	☐ Yes	Describe: _____		
Is risk located within 5 km of airport:		☒ No	☐ Yes	Beneath a flight path:	☒ Yes	☐ No
Is the yard fenced:	☒ No	☐ Yes		Are gates locked when the premises are closed:	☐ Yes	☐ No
Is the yard and the exterior of the building lit:		☐ No	☒ Yes	Describe: _____		
Is the risk located in a high wind/hail area:		☒ No	☐ Yes	Describe: _____		
Are there visible signs of vandalism at the risk:		☒ No	☐ Yes	Describe: _____		
In the area:		☒ No	☐ Yes	Describe: _____		
Is the risk protected from Impact exposure:	Automobile	☐ No	☒ Yes	Describe: Concrete Curbs		
	Aircraft	☒ No	☐ Yes	Describe: _____		
	Train	☒ No	☐ Yes	Describe: _____		
	Boat	☒ No	☐ Yes	Describe: _____		
Comments: _____						

11.0 BASIC PREMISES LIABILITY

The following appeared to be satisfactory: If No Describe				
Stairs, Ramps & Handrails:	Yes ☐	No ☐	N/A ☒	Comments: _____
Floor Surfaces & Coverings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Walls & Ceilings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Interior & Exterior Lighting:	Yes ☒	No ☐	N/A ☐	Comments: _____
Emergency Lighting:	Yes ☒	No ☐	N/A ☐	Comments: _____
Interior & Exterior Housekeeping:	Yes ☒	No ☐	N/A ☐	Comments: _____
Washrooms:	Yes ☒	No ☐	N/A ☐	Comments: _____
Sidewalks, Yards & Parking Lots:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Exits:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Alarm System (s):	Yes ☒	No ☐	N/A ☐	Comments: _____
Snow & Ice Removal:	Yes ☒	No ☐	N/A ☐	Comments: _____
Elevating devices:	Yes ☐	No ☐	N/A ☒	Comments: _____
Satellite Dishes:	Yes ☐	No ☐	N/A ☒	Comments: _____
Exterior Signs:	Yes ☒	No ☐	N/A ☐	Comments: _____
CO detectors where required:	Yes ☒	No ☐	N/A ☐	Comments: _____
Swimming Pool:	Yes ☐	No ☐	N/A ☒	Comments: _____

Other:	Yes ☐ No ☐ N/A ☒ Comments: _____
Comments: _____	

12.0 BASIC CRIME

☐ Refer to Expanded Crime Supplement

Crime Experience	☐ Low	☒ Moderate	☐ High		
Type of Neighbourhood:	☒ Commercial	☐ Industrial	☐ Rural	☒ Residential	☐ Isolated
Neighbourhood appears to be:	☒ Stable	Changing via:	☐ Expansion/growth	☒ Renovation	☐ Deterioration
Comments: _____					

BUSINESS

Automatic Teller Machine:	☒ No	☐ Yes		
Safe on Premises:	☒ No	☐ Yes	☐ Unable to Determine	
Guard Service:	☒ No	☐ Yes	☐ Unable to Determine	Describe: _____
Typical Stock:	Restaurant equipment and furnishings, food products and liquor & beer			
Smash & Grab exposure:	☒ No	☐ Yes	☐ Unable to Determine	
Comments: _____				

GENERAL PROTECTION

The following appeared to be satisfactory: If No Describe

Exterior Lighting:	☒ Yes	☐ No	☐ N/A	Comments: _____
Interior Lighting:	☒ Yes	☐ No	☐ N/A	Comments: _____
Roof Accessibility:	☒ Yes	☐ No	☐ N/A	Comments: _____
Police Patrols:	☒ Yes	☐ No	☐ N/A	Comments: _____
Yard Fenced:	☐ Yes	☐ No	☒ N/A	Describe: _____
Comments: _____				

SECURITY ALARM SYSTEM

Premises alarm system in use:	☐ N/A	☒ Yes	☐ No	☐ Disconnected	Date Installed: (yyyy)1986
Applies to:	☐ Building	☒ Insured Tenant	☐ Other, Describe: _____		
Alarm System is:	☒ Acceptable	☐ Unacceptable (see rec.)			
Monitored by:	☒ ULC Listed Station	☐ Unlisted Station	☐ Local Alarm	☐ Unknown	☐ Unable to Determine
Comments: _____					

PHYSICAL PROTECTION

Door locks:	☒ Deadbolt	☐ Spring	☒ Panic	☐ Other: _____	
Windows Protected:	☐ No	☒ Yes	☐ N/A	If **yes**, describe *Motion detectors*	
Other Openings:	☒ No	☐ Yes	Protected:	☐ No	☐ Yes
Comments: _____					

OTHER COMMENTS:

None

June 11, 2021

VIA FACSIMILE:
416-314-4285

FOI Manager
Freedom of Information & Protection of Privacy Office
Ministry of the Environment, Conservation and Parks
12th Floor, 40 St. Clair Avenue West
Toronto, Ontario M4V 1M2

Re: OTT-21011499-A0 **File Review Request**
780 Baseline Road, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 780 Baseline Road, Ottawa, Ontario. We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email (kathy.radisch@exp.com) and by mail. If you have any questions, or require any further information, please do not hesitate to contact the undersigned at 613-688-1891, ext. 3296.

Yours truly,
EXP Services Inc.

Kathy Radisch
Administrative Assistant
Earth & Environment

Enclosures: FOI Form
Credit Card Payment Form

100 - 2650 Queensview Drive, Ottawa, Ontario K2B 8H6
T: +1.613.688.1899 • F: +1.613.225.7337 • www.exp.com

October 14, 2021

Via email:
hlui@ottawa.ca

Planning Division
City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario

Re: OTT-21011499-B0 **Municipal Information Search Request**
780 Baseline Road, Ottawa, Ontario

To whom it may concern,

Our firm has been retained to conduct a Phase I Environmental Site Assessment for 780 Baseline Road, Ottawa, Ontario. We require information pertaining to the property.

We request that the City of Ottawa search their files and provide any information pertaining to the environmental condition of these properties and surrounding areas, including any past environmental reports, orders, certificates or approvals.

Please find attached the consent letter from the property owner to release this information for the property in question. A request for information form has been completed to initiate a search on the property.

If you should have any questions, please do not hesitate to contact me.

Yours truly,

EXP Services Inc.
Kathy Radisch
Administrative Assistant
Earth & Environment

Attachments: Disclaimer
RFI Form
Consent from Owner

Appendix E: EcoLog ERIS Report

DATABASE REPORT

Project Property:	*Phase One ESA* *780 Baseline Road* *Ottawa ON K2C 0A3*
Project No:	*OTT-21011499-A0, 100, M.McCalla*
Report Type:	*Standard Report*
Order No:	*21060300142*
Requested by:	*exp Services Inc.*
Date Completed:	*June 8, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One ESA* *780 Baseline Road Ottawa ON K2C 0A3*
Project No:	*OTT-21011499-A0, 100, M.McCalla*

Coordinates:

Latitude:	*45.3705807*
Longitude:	*-75.7172098*
UTM Northing:	*5,024,368.72*
UTM Easting:	*443,838.48*
UTM Zone:	*18T*

Elevation:	*265 FT* *80.88 M*

Order Information:

Order No:	*21060300142*
Date Requested:	*June 3, 2021*
Requested by:	*exp Services Inc.*
Report Type:	*Standard Report*

Historical/Products:

City Directory Search	*CD - Subject Site plus 250m Radius*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

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	5	5
CA	Certificates of Approval	Y	4	1	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
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	21	0	21
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	2	0	2
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	1	5	6
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	32	32
	Total:		28	44	72

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA	LONE STAR CAFE	780 BASELINE ROAD OTTAWA CITY ON K2C 3V8	-/0.0	0.00	25
1	CA	TREFOIL INC.	780 BASELINE ROAD #7 OTTAWA ON K2C 3V8	-/0.0	0.00	25
1	CA	TREFOIL INC.	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	25
1	CA	OTTAWA CARLETON DIALYSIS SERVICE	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	26
1	GEN	BLACK PHOTO CORPORATION	780 BASELINE ROAD, #12, OTTAWA C/O 371 GOUGH ROAD MARKHAM ON K2C 3V8	-/0.0	0.00	26
1	GEN	BLACK PHOTO CORPORATION	780 BASELINE ROAD FISHER HEIGHTS OTTAWA ON K2C 3V8	-/0.0	0.00	26
1	GEN	BLACK PHOTO CORPORATION 05-406	780 BASELINE ROAD, #12 - OTTAWA C/O 371 GOUGH ROAD MARKHAM ON K2C 3V8	-/0.0	0.00	26
1	GEN	BLACK PHOTO CORPORATION	FISHER HEIGHTS 780 BASELINE ROAD OTTAWA ON K2C 0A3	-/0.0	0.00	27
1	GEN	SKETCHLEY CLEANING SERVICE LIMITED	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	SKETCHLEY CLEANING SERVICE LIMITED	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	27
1	GEN	SKETCHLEY CLEANING SERVICE LIMITED35-243	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	28
1	GEN	HILLARY (SEE&USE ON0240423 SKETC)	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	28
1	GEN	HILLARY (SEE & USE ON0240423) 20-210	780 BASELINE ROAD OTTAWA ON K2C 3V8	-/0.0	0.00	28
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	28
1	SPL	Leiken Group Inc.	Unit 1 - 780 baseline Rd Ottawa ON K2C 3V8	-/0.0	0.00	29
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	29
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	30
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	30
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON	-/0.0	0.00	31
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	31
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	31
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	32
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	32
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	32
1	GEN	Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-/0.0	0.00	33
1	REC	BLACK PHOTO CORPORATION	780 BASELINE ROAD OTTAWA ON	-/0.0	0.00	33
1	REC	BLACK PHOTO (SEE & USE A460212)	780 BASELINE RD. C/O 371 GOUGH RD., MARKHAM, ONT. OTTAWA ON L3R 4B6	-/0.0	0.00	34

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		ON **Well ID:** 1507871	NNW/34.2	0.00	36
3	BORE		ON	NNW/34.3	0.00	38
4	SPL		On w/b Baseline Rd, at Baseline Rd. and Fisher Rd. Ottawa ON	NNW/48.1	0.00	39
5	WWIS		lot 35 con A ON **Well ID:** 1504496	SSE/58.0	0.00	40
6	WWIS		lot 35 con A ON **Well ID:** 1504476	SE/84.7	0.00	43
7	WWIS		lot 35 con A ON **Well ID:** 1504475	SSW/90.0	0.00	46
8	WWIS		lot 35 con A ON **Well ID:** 1504498	S/102.5	0.00	49
9	WWIS		lot 35 con A ON **Well ID:** 1504506	S/106.7	0.00	52
10	CA	614710 ONTARIO INC. OTTAWA/NEPEAN CITIES	FISHER AVE./BASELINE RD. OTTAWA CITY ON	NE/116.0	-1.00	55
10	SPL	City of Ottawa	Baseline Road at Fisher Ave, west of the bus stop Ottawa ON	NE/116.0	-1.00	55
10	ECA	City of Ottawa	Fisher Avenue and Baseline Rd Ottawa ON K2G 6J8	NE/116.0	-1.00	55
11	WWIS		lot 35 con A ON	WSW/118.4	1.00	56

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1504473			
12	WWIS		ON ***Well ID:*** 1507880	W/120.8	0.00	59
13	WWIS		lot 35 con A ON ***Well ID:*** 1504478	SW/132.1	1.00	61
14	WWIS		lot 35 con A ON ***Well ID:*** 1504483	SE/137.3	0.00	64
15	WWIS		lot 35 con A ON ***Well ID:*** 1504463	SSE/138.3	0.31	68
16	BORE		ON	SE/140.6	0.00	70
17	WWIS		ON ***Well ID:*** 1508185	SE/140.7	0.00	71
18	BORE		ON	WSW/155.0	1.00	74
19	WWIS		ON ***Well ID:*** 1507883	WSW/155.0	1.00	76
20	WWIS		lot 35 con A ON ***Well ID:*** 1504585	SSW/155.9	1.00	79
21	WWIS		ON ***Well ID:*** 1508182	N/163.5	-1.00	81
22	SPL		6 Kesler Ave Ottawa ON NA	S/165.3	1.00	84
23	WWIS		lot 35 con A ON ***Well ID:*** 1504464	S/178.2	1.00	84
24	WWIS		lot 35 con A ON	SW/180.0	1.00	86

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1504480			
25	WWIS		lot 35 con A ON ***Well ID:*** 1504491	SSE/185.8	1.00	89
26	WWIS		lot 35 con A ON ***Well ID:*** 1504477	SSW/191.6	1.00	92
27	WWIS		lot 35 con A ON ***Well ID:*** 1504487	WSW/194.6	1.00	95
28	WWIS		lot 35 con A ON ***Well ID:*** 1504466	SE/195.6	1.00	98
29	SPL	MIller Waste Ottawa: STeve Hunt primary contact<UNOFFICIAL>	15 Kesler Ave Ottawa ON	SW/208.0	1.00	101
30	WWIS		lot 35 con A ON ***Well ID:*** 1504574	SW/212.4	1.00	101
31	WWIS		lot 35 con A ON ***Well ID:*** 1504495	S/217.1	1.00	104
32	WWIS		lot 35 con A ON ***Well ID:*** 1504492	SW/222.4	1.43	106
33	BORE		ON	SE/223.1	1.00	109
34	WWIS		ON ***Well ID:*** 1508188	SE/223.2	1.00	110
35	SPL	UNKNOWN	IN FRONT OF 1388 AMBRIDGE WAY CATCH BASSIN OTTAWA CITY ON K2C 3T5	E/230.5	0.00	112
36	WWIS		lot 35 con A ON ***Well ID:*** 1504469	SSE/231.7	1.00	113
37	WWIS		lot 35 con A ON	SE/232.9	1.00	116

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1504468			
38	WWIS		lot 35 con A ON ***Well ID:*** 1504580	S/233.4	1.00	118
39	WWIS		lot 35 con A ON ***Well ID:*** 1504471	WSW/234.9	1.31	120
40	WWIS		lot 35 con A ON ***Well ID:*** 1504557	SW/240.1	1.43	123
41	BORE		ON	NE/244.4	-1.00	126
42	WWIS		lot 35 con A ON ***Well ID:*** 1504500	SSW/245.5	1.00	127
43	WWIS		lot 35 con A ON ***Well ID:*** 1504470	S/247.7	1.00	130

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNW	34.33	3
	ON	SE	140.61	16
	ON	WSW	154.97	18
	ON	SE	223.06	33

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	NE	244.39	41

CA - Certificates of Approval

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LONE STAR CAFE	780 BASELINE ROAD OTTAWA CITY ON K2C 3V8	-	0.00	1
TREFOIL INC.	780 BASELINE ROAD #7 OTTAWA ON K2C 3V8	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
TREFOIL INC.	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1
OTTAWA CARLETON DIALYSIS SERVICE	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1

Lower Elevation	Address	Direction	Distance (m)	Map Key
614710 ONTARIO INC. OTTAWA/NEPEAN CITIES	FISHER AVE./BASELINE RD. OTTAWA CITY ON	NE	116.04	10

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	Fisher Avenue and Baseline Rd Ottawa ON K2G 6J8	NE	116.04	10

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 21 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BLACK PHOTO CORPORATION	FISHER HEIGHTS 780 BASELINE ROAD OTTAWA ON K2C 0A3	-	0.00	1
BLACK PHOTO CORPORATION 05-406	780 BASELINE ROAD, #12 - OTTAWA C/O 371 GOUGH ROAD MARKHAM ON K2C 3V8	-	0.00	1
BLACK PHOTO CORPORATION	780 BASELINE ROAD FISHER HEIGHTS OTTAWA ON K2C 3V8	-	0.00	1
SKETCHLEY CLEANING SERVICE LIMITED	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
SKETCHLEY CLEANING SERVICE LIMITED	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1
SKETCHLEY CLEANING SERVICE LIMITED35-243	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1
HILLARY (SEE&USE ON0240423 SKETC)	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1
HILLARY (SEE & USE ON0240423) 20-210	780 BASELINE ROAD OTTAWA ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
BLACK PHOTO CORPORATION	780 BASELINE ROAD, #12, OTTAWA C/O 371 GOUGH ROAD MARKHAM ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON	-	0.00	1
Ottawa Carleton Dialysis Clinic	780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	-	0.00	1

REC - Ontario Regulation 347 Waste Receivers Summary

A search of the REC database, dated 1986-1990, 1992-2018 has found that there are 2 REC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
BLACK PHOTO CORPORATION	780 BASELINE ROAD OTTAWA ON	-	0.00	1
BLACK PHOTO (SEE & USE A460212)	780 BASELINE RD. C/O 371 GOUGH RD., MARKHAM, ONT. OTTAWA ON L3R 4B6	-	0.00	1

SPL - Ontario Spills

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Leiken Group Inc.	Unit 1 - 780 baseline Rd Ottawa ON K2C 3V8	-	0.00	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	On w/b Baseline Rd, at Baseline Rd. and Fisher Rd. Ottawa ON	NNW	48.11	4
	6 Kesler Ave Ottawa ON NA	S	165.31	22
MIller Waste Ottawa: STeve Hunt primary contact<UNOFFICIAL>	15 Kesler Ave Ottawa ON	SW	207.97	29
UNKNOWN	IN FRONT OF 1388 AMBRIDGE WAY CATCH BASSIN OTTAWA CITY ON K2C 3T5	E	230.55	35

Lower Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	Baseline Road at Fisher Ave, west of the bus stop Ottawa ON	NE	116.04	10

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 32 WWIS site(s) within approximately 0.25 kilometers of the project property.

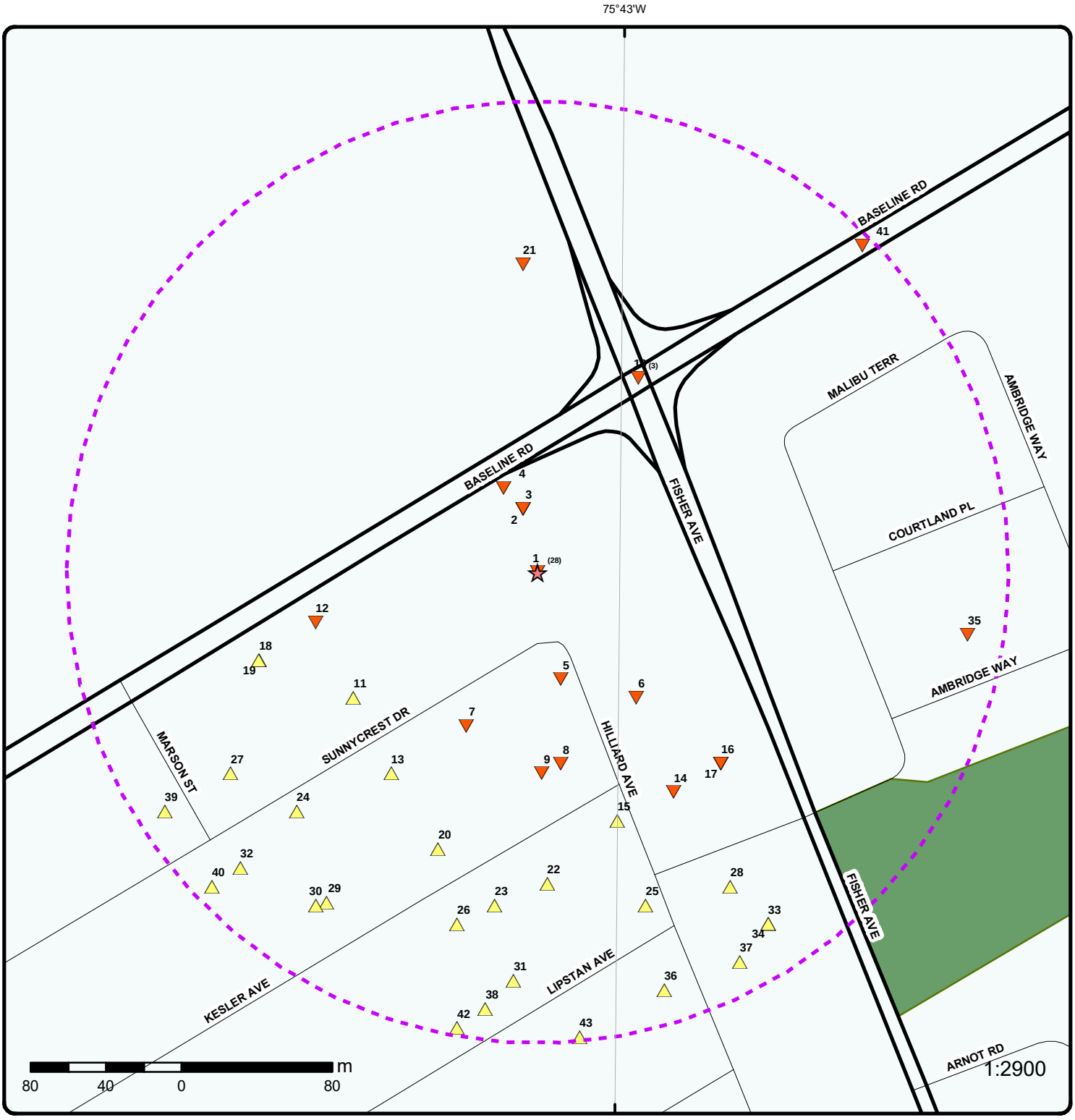
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON ***Well ID:*** 1507871	NNW	34.18	2
	lot 35 con A ON ***Well ID:*** 1504496	SSE	58.02	5
	lot 35 con A ON ***Well ID:*** 1504476	SE	84.73	6
	lot 35 con A ON ***Well ID:*** 1504475	SSW	90.03	7

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 35 con A ON ***Well ID:*** 1504498	S	102.45	8
	lot 35 con A ON ***Well ID:*** 1504506	S	106.74	9
	lot 35 con A ON ***Well ID:*** 1504473	WSW	118.38	11
	ON ***Well ID:*** 1507880	W	120.78	12
	lot 35 con A ON ***Well ID:*** 1504478	SW	132.06	13
	lot 35 con A ON ***Well ID:*** 1504483	SE	137.26	14
	lot 35 con A ON ***Well ID:*** 1504463	SSE	138.32	15
	ON ***Well ID:*** 1508185	SE	140.71	17
	ON ***Well ID:*** 1507883	WSW	154.99	19
	lot 35 con A ON ***Well ID:*** 1504585	SSW	155.93	20
	lot 35 con A ON ***Well ID:*** 1504464	S	178.18	23
	lot 35 con A ON	SW	179.96	24

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1504480			
	lot 35 con A ON ***Well ID:*** 1504491	SSE	185.75	25
	lot 35 con A ON ***Well ID:*** 1504477	SSW	191.56	26
	lot 35 con A ON ***Well ID:*** 1504487	WSW	194.65	27
	lot 35 con A ON ***Well ID:*** 1504466	SE	195.56	28
	lot 35 con A ON ***Well ID:*** 1504574	SW	212.38	30
	lot 35 con A ON ***Well ID:*** 1504495	S	217.10	31
	lot 35 con A ON ***Well ID:*** 1504492	SW	222.39	32
	ON ***Well ID:*** 1508188	SE	223.16	34
	lot 35 con A ON ***Well ID:*** 1504469	SSE	231.69	36
	lot 35 con A ON ***Well ID:*** 1504468	SE	232.87	37
	lot 35 con A ON ***Well ID:*** 1504580	S	233.38	38

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 35 con A ON ***Well ID:*** 1504471	WSW	234.90	39
	lot 35 con A ON ***Well ID:*** 1504557	SW	240.10	40
	lot 35 con A ON ***Well ID:*** 1504500	SSW	245.48	42
	lot 35 con A ON ***Well ID:*** 1504470	S	247.72	43

Lower Elevation	Address	Direction	Distance (m)	Map Key
	 ON ***Well ID:*** 1508182	N	163.46	21



Map: 0.25 Kilometer Radius

Order Number: 21060300142

Address: 780 Baseline Road, Ottawa, ON

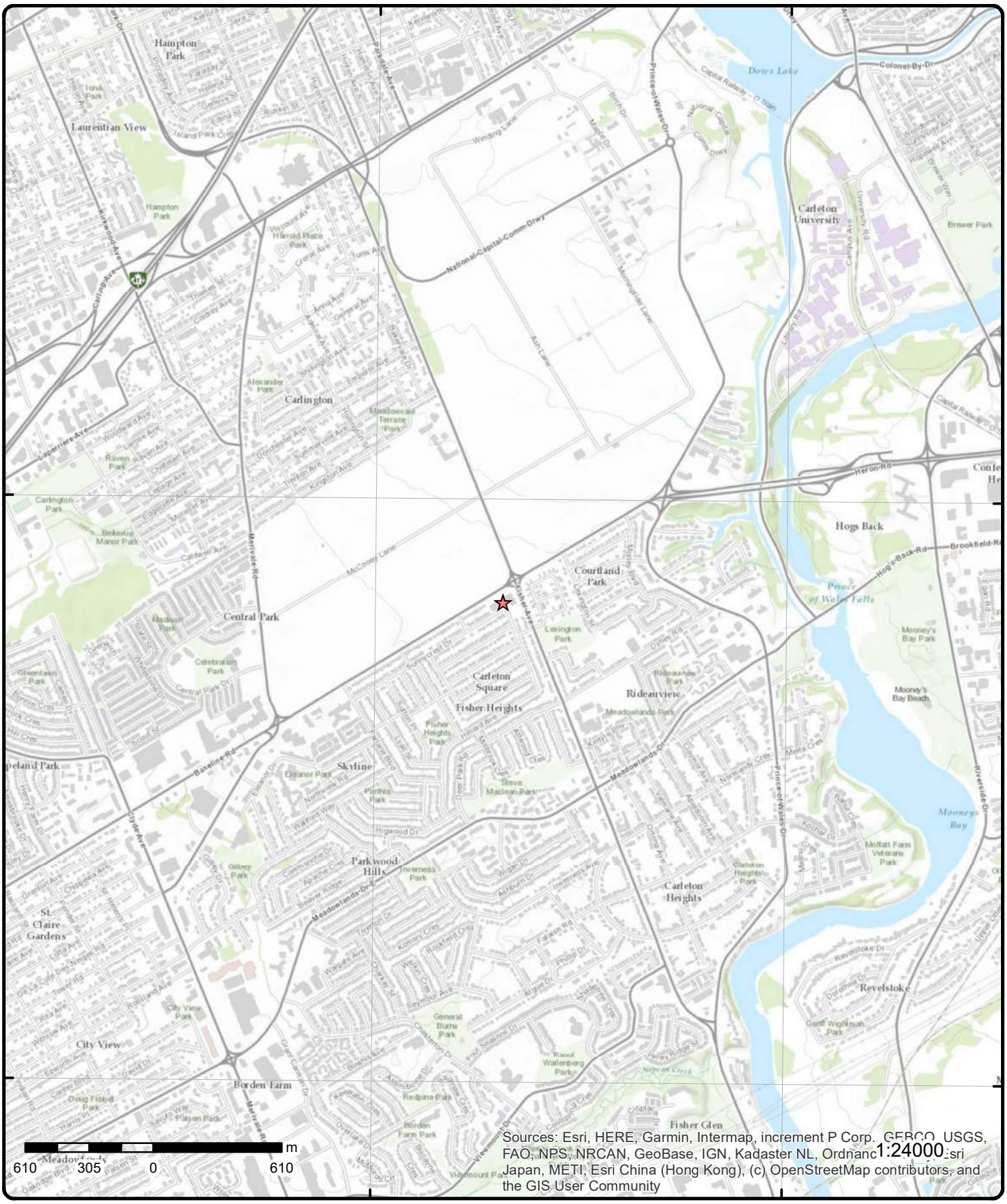
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
-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

Aerial **Year: 2020**

Order Number: 21060300142

Address: 780 Baseline Road, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21060300142

Address: 780 Baseline Road, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 28	-/0.0	80.9 / 0.00	LONE STAR CAFE 780 BASELINE ROAD OTTAWA CITY ON K2C 3V8	CA

Certificate #:	8-4070-92-
Application Year:	92
Issue Date:	5/7/1992
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	GAYLORD KITCHEN HOOD VENT SYSTEM
Contaminants:	Odour/Fumes
Emission Control:	No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 28	-/0.0	80.9 / 0.00	TREFOIL INC. 780 BASELINE ROAD #7 OTTAWA ON K2C 3V8	CA

Certificate #:	8-4189-98-
Application Year:	98
Issue Date:	11/12/1998
Approval Type:	Industrial air
Status:	Cancelled
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	EMERGENCY ELECTRICAL SYSTEM
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 28	-/0.0	80.9 / 0.00	TREFOIL INC. 780 BASELINE ROAD OTTAWA ON K2C 3V8	CA

Certificate #:	8-4196-98-
Application Year:	98
Issue Date:	11/17/1998
Approval Type:	Industrial air
Status:	Cancelled
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	EMERGENCY GENERATOR
Contaminants:	

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

1	4 of 28	-/0.0	80.9 / 0.00	OTTAWA CARLETON DIALYSIS SERVICE 780 BASELINE ROAD OTTAWA ON K2C 3V8	CA

Certificate #: 8-4198-98-
Application Year: 98
Issue Date: 12/4/1998
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: EMERGENCY GENERATOR
Contaminants: Nitrogen Oxides
Emission Control:

1	5 of 28	-/0.0	80.9 / 0.00	BLACK PHOTO CORPORATION 780 BASELINE ROAD, #12, OTTAWA C/O 371 GOUGH ROAD MARKHAM ON K2C 3V8	GEN

Generator No: ON0074364
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

1	6 of 28	-/0.0	80.9 / 0.00	BLACK PHOTO CORPORATION 780 BASELINE ROAD FISHER HEIGHTS OTTAWA ON K2C 3V8	GEN

Generator No: ON0074364
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

1	7 of 28	-/0.0	80.9 / 0.00	BLACK PHOTO CORPORATION 05-406 780 BASELINE ROAD, #12 - OTTAWA C/O 371 GOUGH ROAD	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MARKHAM ON K2C 3V8	

Generator No: ON0074364
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	8 of 28	-/0.0	80.9 / 0.00	BLACK PHOTO CORPORATION FISHER HEIGHTS 780 BASELINE ROAD OTTAWA ON K2C 0A3	GEN

Generator No: ON0074364
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	9 of 28	-/0.0	80.9 / 0.00	SKETCHLEY CLEANING SERVICE LIMITED 780 BASELINE ROAD OTTAWA ON K2C 3V8	GEN

Generator No: ON0240423
Status:
Approval Years: 86,87,88,89
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 28	-/0.0	80.9 / 0.00	SKETCHLEY CLEANING SERVICE LIMITED 780 BASELINE ROAD OTTAWA ON K2C 3V8	GEN

Generator No: ON0240423
Status:
Approval Years: 90,98
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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1 | ***11 of 28*** | ***-/0.0*** | ***80.9 / 0.00*** | ***SKETCHLEY CLEANING SERVICE LIMITED35-243***
780 BASELINE ROAD
OTTAWA ON K2C 3V8 | ***GEN***

Generator No: ON0240423
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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1 | ***12 of 28*** | ***-/0.0*** | ***80.9 / 0.00*** | ***HILLARY (SEE&USE ON0240423 SKETC)***
780 BASELINE ROAD
OTTAWA ON K2C 3V8 | ***GEN***

Generator No: ON0491109
Status:
Approval Years: 86,87,88,89
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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1 | ***13 of 28*** | ***-/0.0*** | ***80.9 / 0.00*** | ***HILLARY (SEE & USE ON0240423) 20-210***
780 BASELINE ROAD
OTTAWA ON K2C 3V8 | ***GEN***

Generator No: ON0491109
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 9721
SIC Description: POWER LAUND./CLEANER

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

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1 | ***14 of 28*** | ***-/0.0*** | ***80.9 / 0.00*** | ***Ottawa Carleton Dialysis Clinic***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8 | ***GEN***

Generator No: ON5027066
Status:
Approval Years: 06,07,08

PO Box No:
Country:
Choice of Contact:

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

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 621990
SIC Description: All Other Ambulatory Health Care Services

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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1 ***15 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Leiken Group Inc.***
Unit 1 - 780 baseline Rd
Ottawa ON K2C 3V8 ***SPL***

Ref No: 4844-8HNM66 ***Discharger Report:***
Site No: ***Material Group:***
Incident Dt: 6/9/2011 ***Health/Env Conseq:***
Year: ***Client Type:***
Incident Cause: Unknown ***Sector Type:*** Motor Vehicle
Incident Event: ***Agency Involved:***
Contaminant Code: 21 ***Nearest Watercourse:***
Contaminant Name: BATTERY ACID (SULFURIC ACID) ***Site Address:*** Unit 1 - 780 baseline Rd
Contaminant Limit 1: ***Site District Office:***
Contam Limit Freq 1: ***Site Postal Code:***
Contaminant UN No 1: ***Site Region:***
Environment Impact: Not Anticipated ***Site Municipality:*** Ottawa
Nature of Impact: Other Impact(s) ***Site Lot:***
Receiving Medium: ***Site Conc:***
Receiving Env: ***Northing:*** NA
MOE Response: No Field Response ***Easting:*** NA
Dt MOE Arvl on Scn: ***Site Geo Ref Accu:***
MOE Reported Dt: 6/9/2011 ***Site Map Datum:***
Dt Document Closed: 7/11/2011 ***SAC Action Class:*** Watercourse Spills
Incident Reason: Spill ***Source Type:***
Site Name: Ottawa Carleton Dialysis clinic Inc.
Site County/District:
Site Geo Ref Meth:
Incident Summary: Fisher Plaza- Battery acid to grnd and CB, cleaning.
Contaminant Qty: 0 other - see incident description

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1 ***16 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8 ***GEN***

Generator No: ON5027066 ***PO Box No:***
Status: ***Country:***
Approval Years: 2009 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 621990
SIC Description: All Other Ambulatory Health Care Services

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

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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1 ***17 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8

Generator No: ON5027066
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 621990
SIC Description: All Other Ambulatory Health Care Services

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

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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1 ***18 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8

Generator No: ON5027066
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621990
SIC Description: All Other Ambulatory Health Care Services

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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1 ***19 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8

Generator No: ON5027066
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621990
SIC Description: All Other Ambulatory Health Care Services

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

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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1 ***20 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON

Generator No: ON5027066
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 621990
SIC Description: ALL OTHER AMBULATORY HEALTH CARE SERVICES

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

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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1 ***21 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8

Generator No: ON5027066
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621990
SIC Description: ALL OTHER AMBULATORY HEALTH CARE SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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1 ***22 of 28*** ***-/0.0*** ***80.9 / 0.00*** ***Ottawa Carleton Dialysis Clinic*** ***GEN***
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8

Generator No: ON5027066
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621990
SIC Description: ALL OTHER AMBULATORY HEALTH CARE SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	23 of 28	-/0.0	80.9 / 0.00	Ottawa Carleton Dialysis Clinic 780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	GEN

Generator No: ON5027066
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621990
SIC Description: ALL OTHER AMBULATORY HEALTH CARE SERVICES

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	24 of 28	-/0.0	80.9 / 0.00	Ottawa Carleton Dialysis Clinic 780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	GEN

Generator No: ON5027066
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	25 of 28	-/0.0	80.9 / 0.00	Ottawa Carleton Dialysis Clinic 780 Baseline Rd. Unit 1 Ottawa ON K2C 3V8	GEN

Generator No: ON5027066
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 312 P
Waste Class Desc: Pathological wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

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1 | 26 of 28 | -/0.0 | 80.9 / 0.00 | **Ottawa Carleton Dialysis Clinic**
780 Baseline Rd. Unit 1
Ottawa ON K2C 3V8 | GEN

Generator No: ON5027066
Status: Registered
Approval Years: As of Jan 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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1 | 27 of 28 | -/0.0 | 80.9 / 0.00 | **BLACK PHOTO CORPORATION**
780 BASELINE ROAD
OTTAWA ON | REC

Choice of Contact:
Site PO Box:
Mail Addr:
Co Admin:
Site Bldg:
Rec Op Div:
Rec Op Name:
Rec Div:
Receiver No: A460212
Company ID:
Province In: ONTARIO
Province Out:
County Out:
Phone No:
Facility Type:
Approval Yrs: 1992; 1993; 1994; 1995; 1996; 1997; 1998; 1999; 2000; 2006; 2007; 2008

1992 Receiver Manifest Details

Gen Dist: 100
Gen District Office Name: ONTARIO
Gen Region Code: 00
Gen Region Office Name: **UNDEFINED*
Gen Sic: 6571
Naics1 Desc: CAMERA/PHOTO. SUPPLY
Wastecode: 264
Waste Class: PHOTOPROCESSING WASTES
No Wastes: 107
Qty Recvd: 4272

1993 Receiver Manifest Details

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

Rec No: A460212
Wastecode: 221
Waste Class: LIGHT FUELS
Wastecount: 1
Qty Recvd: 1706.25

1999 Receiver Waste Information Details

Wastecode: 264
Waste Desc: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	28 of 28	-/0.0	80.9 / 0.00	BLACK PHOTO (SEE & USE A460212) 780 BASELINE RD. C/O 371 GOUGH RD., MARKHAM, ONT. OTTAWA ON L3R 4B6	REC

Choice of Contact:
Site PO Box:
Mail Addr:
Co Admin:
Site Bldg:
Rec Op Div:
Rec Op Name:
Rec Div:
Receiver No: RR2030
Company ID:
Province In: ONT
Province Out:
County Out:
Phone No:
Facility Type:
Approval Yrs: 1988; 1989; 1990; 1992; 1994; 2006; 2007; 2008

1988 Receiver Manifest Details

Gen Dist: 100
Gen District Office Name: ONTARIO
Gen Region Code: 00
Gen Region Office Name: **UNDEFINED*
Gen SIC: 6571
Naics1 Desc: CAMERA/PHOTO. SUPPLY
Waste Code: 264
Waste Class: PHOTOPROCESSING WASTES
Quantity: 73369.55
Wast Type: ORGANIC MISCELL.
Date From: 880101
Date To: 881231
Rec Date: 890501

1989 Receiver Manifest Details

Gen Dist: 100
Distname: ONTARIO
Gen Region Code: 00
Gen Region Office Name: **UNDEFINED*
Gen SIC: 6571
Naics1 Desc: CAMERA/PHOTO. SUPPLY
Waste Code: 264
Waste Class: PHOTOPROCESSING WASTES
No Wastes: 1890

Quantity:	79813.16
Naics2 Desc:	
Naics3 Desc:	
Waste Type:	ORGANIC MISCELL.
Date From:	890101
Date To:	891231
Rec Date:	900419

Gen Dist:	100
Distname:	ONTARIO
Gen Region Code:	00
Gen Region Office Name:	**UNDEFINED*
Gen SIC:	0000
Naics1 Desc:	*** NOT DEFINED ***
Waste Code:	264
Waste Class:	PHOTOPROCESSING WASTES
No Wastes:	1
Quantity:	54
Naics2 Desc:	
Naics3 Desc:	
Waste Type:	ORGANIC MISCELL.
Date From:	890101
Date To:	891231
Rec Date:	900419

Gen Dist:	100
Distname:	ONTARIO
Gen Region Code:	00
Gen Region Office Name:	**UNDEFINED*
Gen SIC:	6571
Naics1 Desc:	CAMERA/PHOTO. SUPPLY
Waste Code:	267
Waste Class:	ORGANIC ACIDS
No Wastes:	19
Quantity:	720
Naics2 Desc:	
Naics3 Desc:	
Waste Type:	ORGANIC MISCELL.
Date From:	890101
Date To:	891231
Rec Date:	900419

1990 Receiver Manifest Details

Conumber:	RR2030
Gen Dist:	100
Gen District Office Name:	ONTARIO
Gen Region Code:	00
Gen Region Office Name:	**UNDEFINED*
Gen Sic:	6571
Naics1 Desc:	CAMERA/PHOTO. SUPPLY
Waste Code:	264
Waste Class:	PHOTOPROCESSING WASTES
No Wastes:	1361
Quantity:	57992.32
Old New:	N
Wast Type:	ORGANIC MISCELL.
Date From:	900101
Date To:	901231
Rec Date:	910411

Conumber:	RR2030
Gen Dist:	100
Gen District Office Name:	ONTARIO
Gen Region Code:	00

Gen Region Office Name:	**UNDEFINED*
Gen Sic:	0000
Naics1 Desc:	*** NOT DEFINED ***
Waste Code:	264
Waste Class:	PHOTOPROCESSING WASTES
No Wastes:	2
Quantity:	72
Old New:	N
Wast Type:	ORGANIC MISCELL.
Date From:	900101
Date To:	901231
Rec Date:	910411
Conumber:	RR2030
Gen Dist:	100
Gen District Office Name:	ONTARIO
Gen Region Code:	00
Gen Region Office Name:	**UNDEFINED*
Gen Sic:	3199
Naics1 Desc:	OTHER MACHINERY
Waste Code:	213
Waste Class:	PETROLEUM DISTILLATES
No Wastes:	1
Quantity:	20
Old New:	N
Wast Type:	ORGANIC NON-HALO.
Date From:	900101
Date To:	901231
Rec Date:	910411

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2 **1 of 1** **NNW/34.2** **80.9 / 0.00** **ON** **WWIS**

Well ID:	1507871	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/5/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1801
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507871.pdf

Bore Hole Information

Bore Hole ID:	10029906	**Elevation:**	84.960327
DP2BR:	40	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443830.7
Code OB Desc:	Bedrock	**North83:**	5024402
Open Hole:		**Org CS:**	

Cluster Kind:		***UTMRC:***	5
Date Completed:	1/7/1955	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008244
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008245
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507871
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10578476
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052468

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	49
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052469
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507871
Pump Set At:	
Static Level:	12
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	2
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462156
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

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3 | ***1 of 1*** | ***NNW/34.3*** | ***80.9 / 0.00*** | ***ON*** | ***BORE***

Borehole ID:	612726	**Inclin FLG:**	No
OGF ID:	215514032	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JAN-1955	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.370881
Total Depth m:	27.4	**Longitude DD:**	-75.717313

Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	443831
Drill Method:		**Northing:**	5024402
Orig Ground Elev m:	82.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	85		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218392257	**Mat Consistency:**	Dense
Top Depth:	12.2	**Material Moisture:**	
Bottom Depth:	27.4	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00080EY,HARD,FISSURED. CLAY. BLUE,GREY,VERY SOFT,FISSURED. UNSPECIFIED. DENSE.		

Geology Stratum ID:	218392256	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	12.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 05234 NTS_Sheet:		
Confiden 1:			

Source List

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	NNW/48.1	80.9 / 0.00	On w/b Baseline Rd, at Baseline Rd. and Fisher Rd. Ottawa ON	SPL

Ref No:	1756-BMKW4A	**Discharger Report:**	
Site No:	NA	**Material Group:**	

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

Incident Dt:	2020/03/10	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	27	**Nearest Watercourse:**	
Contaminant Name:	COOLANT N.O.S.	**Site Address:**	On w/b Baseline Rd, at Baseline Rd. and Fisher Rd.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	n/a	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	5024413.34
MOE Response:	No	**Easting:**	443820.5
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2020/03/10	**Site Map Datum:**	
Dt Document Closed:	2020/07/17	**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	Motor Vehicle
Site Name:	Bus Stop #6764<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	DUPLICATE-OC Transpo: 5 L coolant to catch basin		
Contaminant Qty:	5 L		

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5 | ***1 of 1*** | ***SSE/58.0*** | ***80.9 / 0.00*** | ***lot 35 con A ON*** | ***WWIS***

Well ID:	1504496	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/15/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504496.pdf

Bore Hole Information

Bore Hole ID:	10026539	**Elevation:**	85.139083
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443850.7
Code OB Desc:	Bedrock	**North83:**	5024312
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/30/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 930999655
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999656
Layer: 2
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 70
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999657
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70
Formation End Depth: 120
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504496
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575109
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045807
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 70
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045808
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504496
Pump Set At:
Static Level: 22
Final Level After Pumping: 35
Recommended Pump Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933457747
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

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

Water Details

Water ID:	933457746
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	SE/84.7	80.9 / 0.00	lot 35 con A ON	WWIS

Well ID:	1504476	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/1/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	035
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	RF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504476.pdf

Bore Hole Information

Bore Hole ID:	10026519	***Elevation:***	85.128326
DP2BR:	52	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443890.7
Code OB Desc:	Bedrock	***North83:***	5024302
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	11/19/1953	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999590
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999592
Layer: 3
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 42
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999594
Layer: 5
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 52
Formation End Depth: 105
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999591
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930999593
Layer:	4
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42
Formation End Depth:	52
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504476
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575089
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045767
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045768
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	105
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504476
Pump Set At:	
Static Level:	25
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	10
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457704
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Water Details

Water ID:	933457703
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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7 | **1 of 1** | **SSW/90.0** | **80.9 / 0.00** | **lot 35 con A ON** | **WWIS**

Well ID:	1504475	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/2/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504475.pdf

Bore Hole Information

Bore Hole ID:	10026518	**Elevation:**	85.610237
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443800.7
Code OB Desc:	Bedrock	**North83:**	5024287
Open Hole:		**Org CS:**	

Cluster Kind:
Date Completed: 11/19/1953
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930999588
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58
Formation End Depth: 64
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999589
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64
Formation End Depth: 115
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999586
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	930999587
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35
Formation End Depth:	58
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504475
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575088
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045766
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	115
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045765
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504475
Pump Set At:	
Static Level:	26
Final Level After Pumping:	27
Recommended Pump Depth:	

Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933457701
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

Water Details

Water ID:	933457702
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

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8 | ***1 of 1*** | ***S/102.5*** | ***80.9 / 0.00*** | ***lot 35 con A ON*** | ***WWIS***

Well ID:	1504498	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/22/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504498.pdf

Bore Hole Information

Bore Hole ID:	10026541	**Elevation:**	85.481483
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443850.7

Code OB Desc:	Bedrock	**North83:**	5024267
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	2/9/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999664
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	134
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999663
Layer:	2
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999662
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	58
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504498
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575111
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045811
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	62
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045812
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	134
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504498
Pump Set At:	
Static Level:	22
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933457751

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

Water Details

Water ID:	933457752
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	134
Water Found Depth UOM:	ft

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9 | ***1 of 1*** | ***S/106.7*** | ***80.9 / 0.00*** | ***lot 35 con A ON*** | ***WWIS***

Well ID:	1504506	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/22/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504506.pdf

Bore Hole Information

Bore Hole ID:	10026549	**Elevation:**	85.577156
DP2BR:	61	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443840.7
Code OB Desc:	Bedrock	**North83:**	5024262
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	3/5/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999684
Layer:	2
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58
Formation End Depth:	61
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999683
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	58
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999685
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61
Formation End Depth:	182
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504506
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575119
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045827
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045828
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	182
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504506
Pump Set At:	
Static Level:	22
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	6
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457765
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	182
Water Found Depth UOM:	ft

Water Details

Water ID:	933457764
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 3	NE/116.0	79.9 / -1.00	614710 ONTARIO INC. OTTAWA/NEPEAN CITIES FISHER AVE./BASELINE RD. OTTAWA CITY ON	CA

Certificate #: 8-4015-86-
Application Year: 86
Issue Date: 4/23/1986
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: RESTAURANT EXHAUST
Contaminants: Odour/Fumes
Emission Control: Fabric Filters,

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	2 of 3	NE/116.0	79.9 / -1.00	City of Ottawa Baseline Road at Fisher Ave, west of the bus stop Ottawa ON	SPL

Ref No: 3424-A3CRLS
Site No: NA
Incident Dt: 10/16/2015
Year:
Incident Cause:
Incident Event:
Contaminant Code: 27
Contaminant Name: COOLANT N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/16/2015
Dt Document Closed: 10/21/2015
Incident Reason: Equipment Failure
Site Name: Spill site<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OCTranpo, 6 L of coolant to CB, clng
Contaminant Qty: 6 L

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Communal
Agency Involved:
Nearest Watercourse:
Site Address: Baseline Road at Fisher Ave, west of the bus stop
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5024469
Easting: 443900
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Watercourse Spills
Source Type:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	3 of 3	NE/116.0	79.9 / -1.00	City of Ottawa Fisher Avenue and Baseline Rd Ottawa ON K2G 6J8	ECA

Approval No: 1333-6PDHA8
Approval Date: 2006-05-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-Municipal Drinking Water Systems

MOE District: Ottawa
City:
Longitude: -75.7007
Latitude: 45.3778
Geometry X:
Geometry Y:

Project Type:	Municipal Drinking Water Systems
Business Name:	City of Ottawa
Address:	Fisher Avenue and Baseline Rd
Full Address:	
Full PDF Link:	

11 | **1 of 1** | **WSW/118.4** | **81.9 / 1.00** | **lot 35 con A ON** | **WWIS**

Well ID:	1504473	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/16/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5205
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504473.pdf

Bore Hole Information

Bore Hole ID:	10026516	**Elevation:**	85.712821
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443740.7
Code OB Desc:	Bedrock	**North83:**	5024302
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/6/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999582
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999581
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 45
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999580
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504473
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575086
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045761
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 66

Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045762
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504473
Pump Set At:
Static Level: 25
Final Level After Pumping: 30
Recommended Pump Depth:
Pumping Rate: 3
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: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933457697
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 100
Water Found Depth UOM: ft

Water Details

Water ID: 933457695
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Water Details

Water ID: 933457696
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 72
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	W/120.8	80.9 / 0.00	ON	WWIS

Well ID:	1507880	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/29/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1603
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507880.pdf

Bore Hole Information

Bore Hole ID:	10029915	**Elevation:**	85.795059
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443720.7
Code OB Desc:	Bedrock	**North83:**	5024342
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/31/1956	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008264
Layer:	3
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42
Formation End Depth:	51
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931008262
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008263
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	33
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008265
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	51
Formation End Depth:	95
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507880
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578485
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930052487
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	95
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052486
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507880
Pump Set At:	
Static Level:	13
Final Level After Pumping:	27
Recommended Pump Depth:	
Pumping Rate:	10
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:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462165
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

13	***1 of 1***	***SW/132.1***	***81.9 / 1.00***	***lot 35 con A ON***	***WWIS***

Well ID:	1504478	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/2/1953
Sec. Water Use:	0	***Selected Flag:***	Yes

Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504478.pdf

Bore Hole Information

Bore Hole ID:	10026521	**Elevation:**	85.87899
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443760.7
Code OB Desc:	Bedrock	**North83:**	5024262
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/27/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999600
Layer:	3
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58
Formation End Depth:	64
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999601
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64
Formation End Depth: 118
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999598
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999599
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 58
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504478
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045772
Layer: 2
Material: 4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045771
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504478
Pump Set At:	
Static Level:	18
Final Level After Pumping:	19
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933457708
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

Water Details

Water ID:	933457709
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	118
Water Found Depth UOM:	ft

14 ***1 of 1*** ***SE/137.3*** ***80.9 / 0.00*** ***lot 35 con A ON*** ***WWIS***

Well ID:	1504483	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/1/1954

Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504483.pdf

Bore Hole Information

Bore Hole ID:	10026526	**Elevation:**	85.718063
DP2BR:	53	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443910.7
Code OB Desc:	Bedrock	**North83:**	5024252
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/9/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999616
Layer:	3
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999615
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05

Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999614
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999617
Layer:	4
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45
Formation End Depth:	53
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999618
Layer:	5
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	53
Formation End Depth:	110
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 961504483
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575096
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045781
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045782
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504483
Pump Set At:
Static Level: 26
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 10
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: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933457719
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 110
Water Found Depth UOM: ft

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15 | **1 of 1** | **SSE/138.3** | **81.2 / 0.31** | **lot 35 con A ON** | **WWIS**

Well ID: 1504463
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/11/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 4833
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: A
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504463.pdf

Bore Hole Information

Bore Hole ID: 10026506
DP2BR: 50
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/12/1953
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 85.8759
Elevrc:
Zone: 18
East83: 443880.7
North83: 5024237
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 930999552
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50
Formation End Depth: 115
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	930999551
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504463
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575076
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045742
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	115
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045741
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504463
Pump Set At:	

Static Level:	28
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933457683
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

---

16 ***1 of 1*** ***SE/140.6*** ***80.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	612707	**Inclin FLG:**	No
OGF ID:	215514013	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUN-1956	**Municipality:**	
Static Water Level:	15.4	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.369674
Total Depth m:	21.9	**Longitude DD:**	-75.715957
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	443936
Drill Method:		**Northing:**	5024267
Orig Ground Elev m:	85.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	85.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218392163	**Mat Consistency:**	
Top Depth:	11	**Material Moisture:**	
Bottom Depth:	16.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE.		

Geology Stratum ID:	218392164	**Mat Consistency:**	Hard
Top Depth:	16.8	**Material Moisture:**	

Bottom Depth: 21.9
Material Color: Blue
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. BLUE. 00072 SAND,GRAVEL. GREY,VERY HARD, WATER STABLE AT 229.6 FEET.TILL. GREY, V **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Geology Stratum ID: 218392162
Top Depth: 8.2
Bottom Depth: 11
Material Color:
Material 1: Gravel
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL.

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

Geology Stratum ID: 218392161
Top Depth: 0
Bottom Depth: 8.2
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 05215 NTS_Sheet:
Confiden 1:

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

Source List

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

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

17	1 of 1	SE/140.7	80.9 / 0.00	ON	WWIS

Well ID: 1508185
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:

Data Entry Status:
Data Src: 1
Date Received: 6/29/1956
Selected Flag: Yes
Abandonment Rec:
Contractor: 1603
Form Version: 1
Owner:

Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508185.pdf

Bore Hole Information

Bore Hole ID:	10030220	**Elevation:**	85.436889
DP2BR:	36	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443935.7
Code OB Desc:	Bedrock	**North83:**	5024267
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/22/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009009
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55
Formation End Depth:	72
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009006
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 0
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009008
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 36
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009007
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 27
Formation End Depth: 36
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508185
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578790
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053098
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36
Casing Diameter: 3

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053099
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	72
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508185
Pump Set At:	
Static Level:	20
Final Level After Pumping:	27
Recommended Pump Depth:	
Pumping Rate:	10
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:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933462590
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft

18 ***1 of 1*** ***WSW/155.0*** ***81.9 / 1.00*** ***ON*** ***BORE***

Borehole ID:	612715	***Inclin FLG:***	No
OGF ID:	215514021	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUN-1956	***Municipality:***	
Static Water Level:	19.3	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.37015
Total Depth m:	29	***Longitude DD:***	-75.719092
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	443691
Drill Method:		***Northing:***	5024322
Orig Ground Elev m:	85.3	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	85.9		

Concession:
Location D:
Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218392209
Top Depth: 0
Bottom Depth: 10.1
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

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

Geology Stratum ID: 218392210
Top Depth: 10.1
Bottom Depth: 13.1
Material Color:
Material 1: Gravel
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL.

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

Geology Stratum ID: 218392211
Top Depth: 13.1
Bottom Depth: 15.8
Material Color:
Material 1: Shale
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SHALE.

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

Geology Stratum ID: 218392212
Top Depth: 15.8
Bottom Depth: 29
Material Color:
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. 0009500085PACT, WATER STABLE AT 216.7 FEET.SAND. COMPACT. SAND. COMPACT. BOULD **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 05223 NTS_Sheet:
Confiden 1:

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		

19	1 of 1	WSW/155.0	81.9 / 1.00	ON	WWIS

Well ID:	1507883	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/29/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1603
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507883.pdf

Bore Hole Information

Bore Hole ID:	10029918	***Elevation:***	85.88063
DP2BR:	43	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443690.7
Code OB Desc:	Bedrock	***North83:***	5024322
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/14/1956	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008274
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 33
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008275
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 33
Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008277
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 52
Formation End Depth: 95
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008276
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 43
Formation End Depth: 52
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961507883

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

Pipe Information

Pipe ID: 10578488
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052493
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 95
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052492
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991507883
Pump Set At:
Static Level: 11
Final Level After Pumping: 27
Recommended Pump Depth:
Pumping Rate: 12
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: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462168
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	SSW/155.9	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID:	1504585	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/3/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504585.pdf

Bore Hole Information

Bore Hole ID:	10026628	**Elevation:**	86.00354
DP2BR:	56	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443785.7
Code OB Desc:	Bedrock	**North83:**	5024222
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/15/1955	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999903
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	56
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999904
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	56
Formation End Depth:	135
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504585
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575198
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045985
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045984
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	62
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504585
Pump Set At:	
Static Level:	12
Final Level After Pumping:	20

Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933457868
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

---

21 ***1 of 1*** ***N/163.5*** ***79.9 / -1.00*** ***ON*** ***WWIS***

Well ID:	1508182	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/26/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4832
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508182.pdf

Bore Hole Information

Bore Hole ID:	10030217	***Elevation:***	83.705924
DP2BR:	16	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443830.7
Code OB Desc:	Bedrock	***North83:***	5024532
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/28/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931008997
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008999
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 16
Formation End Depth: 70
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008998
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3
Formation End Depth: 16
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508182
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578787
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053093
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053092
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 16
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508182
Pump Set At:
Static Level: 18
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933462586
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

Water Details

Water ID: 933462587

Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

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22 | **1 of 1** | **S/165.3** | **81.9 / 1.00** | **6 Kesler Ave Ottawa ON NA** | **SPL**

Ref No: 3164-BCDSRH
Site No: 2348-BCGJ3T
Incident Dt: 5/21/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: Yes
Dt MOE Arvl on Scn: 5/22/2019
MOE Reported Dt: 5/21/2019
Dt Document Closed:
Incident Reason:
Site Name: 6 Kesler Ave Nepean
Site County/District: NA
Site Geo Ref Meth: NA
Incident Summary: Alleged illegal pesticide use to lawn
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq: 0 - No Impact
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address: 6 Kesler Ave
Site District Office: Ottawa
Site Postal Code: NA
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc: NA
Northing: NA
Easting: NA
Site Geo Ref Accu: NA
Site Map Datum: NA
SAC Action Class:
Source Type:

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23 | **1 of 1** | **S/178.2** | **81.9 / 1.00** | **lot 35 con A ON** | **WWIS**

Well ID: 1504464
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/11/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 4833
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: A
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504464.pdf

Bore Hole Information

Bore Hole ID:	10026507	**Elevation:**	86.000259
DP2BR:	52	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443815.7
Code OB Desc:	Bedrock	**North83:**	5024192
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/19/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999554
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	52
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999553
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	52
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504464
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575077

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045744
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045743
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504464
Pump Set At:
Static Level: 26
Final Level After Pumping: 35
Recommended Pump Depth:
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: No

Water Details

Water ID: 933457684
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

24	1 of 1	SW/180.0	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID: 1504480
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src: 1
Date Received: 1/19/1954

Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504480.pdf

Bore Hole Information

Bore Hole ID:	10026523	**Elevation:**	86.089309
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443710.7
Code OB Desc:	Bedrock	**North83:**	5024242
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/4/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999604
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999606
Layer:	3
Color:	
General Color:	
Mat1:	17

Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58
Formation End Depth: 64
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999607
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64
Formation End Depth: 108
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999605
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 58
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504480
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575093
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045775
Layer: 1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	76
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045776
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	108
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504480
Pump Set At:	
Static Level:	26
Final Level After Pumping:	27
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933457711
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

Water Details

Water ID:	933457712
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108
Water Found Depth UOM:	ft

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Well ID:	1504491	**Data Entry Status:**	
Construction Date:		**Data Src:**	1

Primary Water Use:	Domestic	**Date Received:**	3/19/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504491.pdf

Bore Hole Information

Bore Hole ID:	10026534	**Elevation:**	86.114341
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443895.7
Code OB Desc:	Bedrock	**North83:**	5024192
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/15/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999642
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	32
Formation End Depth:	58
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999643
Layer:	3
Color:	
General Color:	

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58
Formation End Depth: 213
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999641
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 32
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504491
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575104
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045797
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 66
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045798
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 213

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504491
Pump Set At:	
Static Level:	30
Final Level After Pumping:	100
Recommended Pump Depth:	
Pumping Rate:	4
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457735
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

Water Details

Water ID:	933457738
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	213
Water Found Depth UOM:	ft

Water Details

Water ID:	933457737
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	200
Water Found Depth UOM:	ft

Water Details

Water ID:	933457736
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150
Water Found Depth UOM:	ft

26	***1 of 1***	***SSW/191.6***	***81.9 / 1.00***	***lot 35 con A ON***	***WWIS***

Well ID:	1504477	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/11/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504477.pdf

Bore Hole Information

Bore Hole ID:	10026520	**Elevation:**	86.19062
DP2BR:	64	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443795.7
Code OB Desc:	Bedrock	**North83:**	5024182
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/24/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999597
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64
Formation End Depth:	129
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999596

Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	32
Formation End Depth:	64
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999595
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504477
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575090
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045770
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	129
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045769
Layer:	1
Material:	1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	66
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504477
Pump Set At:	
Static Level:	25
Final Level After Pumping:	40
Recommended Pump Depth:	
Pumping Rate:	6
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457705
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

Water Details

Water ID:	933457706
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

Water Details

Water ID:	933457707
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	129
Water Found Depth UOM:	ft

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27 ***1 of 1*** ***WSW/194.6*** ***81.9 / 1.00*** ***lot 35 con A ON*** ***WWIS***

Well ID:	1504487	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/15/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3002

Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504487.pdf

Bore Hole Information

Bore Hole ID:	10026530	**Elevation:**	85.919525
DP2BR:	63	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443675.7
Code OB Desc:	Bedrock	**North83:**	5024262
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/28/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999628
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999629
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 45
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999630
Layer: 3
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 63
Formation End Depth: 108
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504487
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575100
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045789
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 108
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045788
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 63
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991504487
Pump Set At:	
Static Level:	15
Final Level After Pumping:	25
Recommended Pump Depth:	
Pumping Rate:	4
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457728
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108
Water Found Depth UOM:	ft

Water Details

Water ID:	933457727
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85
Water Found Depth UOM:	ft

Water Details

Water ID:	933457726
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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28 ***1 of 1*** ***SE/195.6*** ***81.9 / 1.00*** ***lot 35 con A ON*** ***WWIS***

Well ID:	1504466	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/11/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4833
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	035

Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504466.pdf

Bore Hole Information

Bore Hole ID:	10026509	**Elevation:**	85.792564
DP2BR:	53	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443940.7
Code OB Desc:	Bedrock	**North83:**	5024202
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/26/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999560
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	53
Formation End Depth:	72
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999559
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	53
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504466
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575079
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045747
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045748
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	72
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504466
Pump Set At:	
Static Level:	30
Final Level After Pumping:	40
Recommended Pump Depth:	
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933457686
Layer:	1

Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

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29 | **1 of 1** | **SW/208.0** | **81.9 / 1.00** | **MIller Waste Ottawa: STeve Hunt primary contact<UNOFFICIAL>**
15 Kesler Ave
Ottawa ON | **SPL**

Ref No: 2656-BADMEY
Site No: NA
Incident Dt: 3/18/2019
Year:
Incident Cause:
Incident Event: Leak/Break
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1: n/a
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Land
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/18/2019
Dt Document Closed:
Incident Reason: Unknown / N/A
Site Name: 15 Kesler Ave, Ottawa<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Miller Waste; Hydraulic oil spill ~15-20L, cntnd, clng
Contaminant Qty: 20 L

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: 15 Kesler Ave
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5024176.04
Easting: 443732.1
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type: Valve/Fitting/Piping

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30 | **1 of 1** | **SW/212.4** | **81.9 / 1.00** | **lot 35 con A**
ON | **WWIS**

Well ID: 1504574
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/21/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 4216
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: A
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504574.pdf

Bore Hole Information

Bore Hole ID:	10026617	***Elevation:***	86.33863
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	x	***East83:***	443720.7
Code OB Desc:	Unknown type in the lower layers(s)	***North83:***	5024192
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/14/1954	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999875
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999876
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	64
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999877
Layer:	3
Color:	0
General Color:	
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	00
Mat2 Desc:	UNKNOWN TYPE

Mat3: 00
Mat3 Desc: UNKNOWN TYPE
Formation Top Depth: 64
Formation End Depth: 80
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504574
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575187
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045963
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504574
Pump Set At:
Static Level: 12
Final Level After Pumping: 17
Recommended Pump Depth:
Pumping Rate: 6
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: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933457857
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	1 of 1	S/217.1	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID:	1504495	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/19/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504495.pdf

Bore Hole Information

Bore Hole ID:	10026538	**Elevation:**	86.254112
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443825.7
Code OB Desc:	Bedrock	**North83:**	5024152
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/29/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999654
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	179
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 930999653
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 14
Mat2 Desc: HARDPAN
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504495
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575108
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045806
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 179
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045805
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 70
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504495
Pump Set At:
Static Level: 31
Final Level After Pumping: 80
Recommended Pump Depth:
Pumping Rate: 5

Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	No

Water Details

Water ID:	933457745
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170
Water Found Depth UOM:	ft

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32 ***1 of 1*** ***SW/222.4*** ***82.3 / 1.43*** ***lot 35 con A ON*** ***WWIS***

Well ID:	1504492	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/15/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	035
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	RF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504492.pdf

Bore Hole Information

Bore Hole ID:	10026535	***Elevation:***	86.400764
DP2BR:	60	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443680.7
Code OB Desc:	Bedrock	***North83:***	5024212
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	1/20/1954	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 930999645
Layer: 2
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 72
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999644
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999646
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 72
Formation End Depth: 123
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504492
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575105
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045799
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045800
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504492
Pump Set At:
Static Level: 22
Final Level After Pumping: 35
Recommended Pump Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933457740
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 123
Water Found Depth UOM: ft

Water Details

Water ID: 933457739
Layer: 1
Kind Code: 1

Kind:	FRESH
Water Found Depth:	40
Water Found Depth UOM:	ft

33 **1 of 1** **SE/223.1** **81.9 / 1.00** **ON** **BORE**

Borehole ID:	612697	**Inclin FLG:**	No
OGF ID:	215514003	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1957	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.368911
Total Depth m:	25.3	**Longitude DD:**	-75.715628
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	443961
Drill Method:		**Northing:**	5024182
Orig Ground Elev m:	85.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	85.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218392125	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218392126	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	17.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218392127	**Mat Consistency:**	Compact
Top Depth:	17.1	**Material Moisture:**	
Bottom Depth:	25.3	**Material Texture:**	
Material Color:	Black	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00083LE. BLACK. SHALE. GREY. LIMESTONE. GREY. 00138. GREY,COMPACT. SAND.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 05205 NTS_Sheet:		
Confiden 1:			

Source List

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

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34 ***1 of 1*** ***SE/223.2*** ***81.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1508188	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/21/1957
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1603
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508188.pdf

Bore Hole Information

Bore Hole ID:	10030223	***Elevation:***	85.797454
DP2BR:	56	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443960.7
Code OB Desc:	Bedrock	***North83:***	5024182
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/29/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009018
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	56
Formation End Depth:	83
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009016
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009017
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30
Formation End Depth:	56
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508188
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10578793
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053106
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053105
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 56
Casing Diameter: 3
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508188
Pump Set At:
Static Level: 24
Final Level After Pumping: 30
Recommended Pump Depth:
Pumping Rate: 5
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: 3
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462593
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 83
Water Found Depth UOM: ft

35	*1 of 1*	*E/230.5*	*80.9 / 0.00*	***UNKNOWN*** ***IN FRONT OF 1388 AMBRIDGE WAY CATCH BASSIN*** ***OTTAWA CITY ON K2C 3T5***	***SPL***

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

Ref No:	2739	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/22/1988	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER CAUSE (N.O.S.)	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	20101
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/22/1988	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	INTENTIONAL/PLANNED	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: CITIZEN DUMPING USED MOTOR OIL IN CATCH BASSIN

Contaminant Qty:

36	1 of 1	SSE/231.7	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID:	1504469	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/12/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504469.pdf

Bore Hole Information

Bore Hole ID:	10026512	**Elevation:**	86.219512
DP2BR:	62	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443905.7
Code OB Desc:	Bedrock	**North83:**	5024147
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/11/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

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

Overburden and Bedrock Materials Interval

Formation ID: 930999567
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 36
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999569
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 55
Formation End Depth: 62
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999568
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 36
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999570

Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 62
Formation End Depth: 114
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504469
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575082
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045753
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 70
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045754
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 114
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504469
Pump Set At:
Static Level: 26
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 10
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457689
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	88
Water Found Depth UOM:	ft

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37 | ***1 of 1*** | ***SE/232.9*** | ***81.9 / 1.00*** | ***lot 35 con A ON*** | ***WWIS***

Well ID:	1504468	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/11/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504468.pdf

Bore Hole Information

Bore Hole ID:	10026511	**Elevation:**	85.981575
DP2BR:	52	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443945.7
Code OB Desc:	Bedrock	**North83:**	5024162
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/11/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999566
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	52
Formation End Depth:	124
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999565
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	52
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504468
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575081
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045752
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	124
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: 930045751
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504468
Pump Set At:
Static Level: 28
Final Level After Pumping: 30
Recommended Pump Depth:
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933457688
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

38	1 of 1	S/233.4	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID: 1504580
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/12/1955
Selected Flag: Yes
Abandonment Rec:
Contractor: 4833
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: A
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504580.pdf

Bore Hole Information

Bore Hole ID:	10026623	***Elevation:***	86.504951
DP2BR:	60	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	443810.7
Code OB Desc:	Bedrock	***North83:***	5024137
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/3/1954	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999892
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999893
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	132
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504580
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575193
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045974
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045975
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	132
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504580
Pump Set At:	
Static Level:	6
Final Level After Pumping:	10
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933457863
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	128
Water Found Depth UOM:	ft

39	***1 of 1***	***WSW/234.9***	***82.2 / 1.31***	***lot 35 con A ON***	***WWIS***

Well ID:	1504471	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/16/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5205
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504471.pdf

Bore Hole Information

Bore Hole ID:	10026514	**Elevation:**	86.126312
DP2BR:	55	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443640.7
Code OB Desc:	Bedrock	**North83:**	5024242
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/27/1952	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999575
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999576
Layer:	2

Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	55
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999577
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55
Formation End Depth:	103
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961504471
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575084
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045757
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045758
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE

Depth From:	
Depth To:	103
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504471
Pump Set At:	
Static Level:	20
Final Level After Pumping:	25
Recommended Pump Depth:	
Pumping Rate:	3
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457693
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	103
Water Found Depth UOM:	ft

Water Details

Water ID:	933457692
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

Water Details

Water ID:	933457691
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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40 | ***1 of 1*** | ***SW/240.1*** | ***82.3 / 1.43*** | ***lot 35 con A ON*** | ***WWIS***

Well ID:	1504557	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/5/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216
Casing Material:		***Form Version:***	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504557.pdf

Bore Hole Information

Bore Hole ID:	10026600	**Elevation:**	86.556503
DP2BR:	54	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443665.7
Code OB Desc:	Bedrock	**North83:**	5024202
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/3/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999816
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	50
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999818
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 54
Formation End Depth: 99
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999817
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50
Formation End Depth: 54
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504557
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575170
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045928
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 63
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045929
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 99
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991504557
Pump Set At:	
Static Level:	22
Final Level After Pumping:	35
Recommended Pump Depth:	
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933457833
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	99
Water Found Depth UOM:	ft

Water Details

Water ID:	933457832
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

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41 ***1 of 1*** ***NE/244.4*** ***79.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	612742	***Inclin FLG:***	No
OGF ID:	215514048	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	3.0	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.372155
Total Depth m:	-999	***Longitude DD:***	-75.71503
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	444011
Drill Method:		***Northing:***	5024542
Orig Ground Elev m:	82.3	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	83		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID: 218392316
Top Depth: 0
Bottom Depth: 12.2
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

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

Geology Stratum ID: 218392317
Top Depth: 12.2
Bottom Depth: 21.3
Material Color:
Material 1: Till
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL. WATER STABLE AT 260.0 FEET.

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

Geology Stratum ID: 218392318
Top Depth: 21.3
Bottom Depth:
Material Color: Dark
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. WEATHERED. CLAY. GREY,SOFT,FIRM. SILT. GREY,LOOSE. SILT. DARK,GREY,COMPACT, DENSE. B **Note: Many records provided by the department have a truncated [Stratum Description] field.

Mat Consistency: Compact
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: 052500 NTS_Sheet: 31G05B
Confiden 1: Logged by professional. Exact and complete description of material and properties.

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

Source List

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

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

42	1 of 1	SSW/245.5	81.9 / 1.00	lot 35 con A ON	WWIS

Well ID: 1504500
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply

Data Entry Status:
Data Src: 1
Date Received: 3/19/1954
Selected Flag: Yes
Abandonment Rec:

Water Type:		**Contractor:**	4833
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	NEPEAN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	035
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	RF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504500.pdf

Bore Hole Information

Bore Hole ID:	10026543	**Elevation:**	86.654663
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	443795.7
Code OB Desc:	Bedrock	**North83:**	5024127
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	2/11/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930999668
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930999669
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 148
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961504500
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10575113
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930045816
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 148
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930045815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 67
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504500
Pump Set At:
Static Level: 30
Final Level After Pumping: 80
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0

Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 933457754
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140
Water Found Depth UOM: ft

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43 | **1 of 1** | **S/247.7** | **81.9 / 1.00** | **lot 35 con A ON** | **WWIS**

Well ID: 1504470
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/12/1953
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: A
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504470.pdf

Bore Hole Information

Bore Hole ID: 10026513
DP2BR: 63
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/22/1953
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 86.473251
Elevrc:
Zone: 18
East83: 443860.7
North83: 5024122
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 930999573
Layer: 3
Color:

General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 55
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999572
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 35
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999571
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930999574
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 63
Formation End Depth: 95
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	961504470
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10575083
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930045755
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930045756
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	95
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991504470
Pump Set At:	
Static Level:	28
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	10
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933457690
Layer:	1

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

Unplottable Summary

Total: 13 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Hilliard Avenue	Ottawa ON	
CA		Hilliard Avenue	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	BASELINE ROAD EXTENSION (SWM)	OTTAWA CITY ON	
CA	BELL-NORTHERN RESEARCH LIMITED	BASELINE ROAD	NEPEAN CITY ON	
CA	RON ENGINEERING & CONSTRUCTION LTD.	BASELINE RD.	OTTAWA CITY ON	
CA	TRU CLASS CONSTRUCTION-PT.LOT 27/CONC. A	HIGHWAY #16/STM-WATER MGT.	NEPEAN CITY ON	
CA	MEMORIAL GARDENS (ONTARIO) LTD.	HWY. #16, CAPITAL MEMORIAL	NEPEAN CITY ON	
ECA	City of Ottawa	Hilliard Avenue	Ottawa ON	K1P 1J1
EHS		Baseline Rd	Ottawa ON	
SPL	HEATING OIL TANK	FARM OFF HWY 16 PETROLEUM SECTOR _ONLY_	OTTAWA-CARLETON R. M. ON	
SPL	TRANSPORT TRUCK	HWY 16 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	City of Ottawa	Westbound on Baseline Rd & Fisher Ave	Ottawa ON	
SPL	City of Ottawa	Baseline Rd. Eastbound lane, just past Fisher Rd.	Ottawa ON	

Unplottable Report

Site:
Hilliard Avenue Ottawa ON

Database:
CA

Certificate #:	2096-5ARSQ3
Application Year:	02
Issue Date:	6/5/02
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:	City of Ottawa
Client Postal Code:	K1P 1J1
Project Description:	Approval is sought for the construction of sanitary sewers on Hilliard Avenue.
Contaminants:	
Emission Control:	

Site:
Hilliard Avenue Ottawa ON

Database:
CA

Certificate #:	5184-5ARS5U
Application Year:	02
Issue Date:	6/5/02
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	City of Ottawa
Client Postal Code:	K1P 1J1
Project Description:	Approval is sought for the construction of watermains on Hilliard Avenue.
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: ***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: ***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: ***TRU CLASS CONSTRUCTION-PT.LOT 27/CONC. A***
HIGHWAY #16/STM-WATER MGT. NEPEAN CITY ON

Database: ***CA***

Certificate #: 3-1711-91-
Application Year: 91
Issue Date: 3/10/1992
Approval Type: Municipal sewage
Status: Approved in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MEMORIAL GARDENS (ONTARIO) LTD.***
HWY. #16, CAPITAL MEMORIAL NEPEAN CITY ON

Database: ***CA***

Certificate #: 8-4091-93-
Application Year: 93
Issue Date: 9/14/1993
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CREMATION CHAMBER MOD.1701-G (8-4061-78)
Contaminants: Nitrogen Oxides, Suspended Particulate Matter, Methane (Incl. Hydrocarbons Expr. As Ch4, Carbon Monoxide
Emission Control: No Controls

Site: ***City of Ottawa***
Hilliard Avenue Ottawa ON K1P 1J1

Database: ***ECA***

Approval No:	5184-5ARS5U	***MOE District:***	
Approval Date:	2002-06-05	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Business Name:	City of Ottawa		
Address:	Hilliard Avenue		
Full Address:			
Full PDF Link:			

Site:
Baseline Rd Ottawa ON

Database: ***EHS***

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: ***HEATING OIL TANK***
FARM OFF HWY 16 PETROLEUM SECTOR _ONLY_ OTTAWA-CARLETON R.M. ON

Database: ***SPL***

Ref No:	30436	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	1/31/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	ABOVE-GROUND TANK LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	20000
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	1/31/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	STOVE OIL TANK-900 L STOVE OIL TO GROUND.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
HWY 16 MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No:	76308	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/15/1992	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	

Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	PD,FD,MTO.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/15/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRANSPORT TRUCK-450 L DIESEL FUEL TO HWY 16 CONTAINED,FD,PD,MTO.		
Contaminant Qty:			

Site: ***City of Ottawa***
Westbound on Baseline Rd & Fisher Ave Ottawa ON

Database: ***SPL***

Ref No:	2841-BMKVNS	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2020/03/10	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Municipal Government
Incident Cause:		***Sector Type:***	Miscellaneous Communal
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT N.O.S.	***Site Address:***	Westbound on Baseline Rd & Fisher Ave
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	n/a	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	5024442.13
MOE Response:	No	***Easting:***	443820.32
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2020/03/10	***Site Map Datum:***	
Dt Document Closed:	2020/05/13	***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	Motor Vehicle
Site Name:	Bus Stop ID 6764<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo: 5 L diesel spill to road/cb		
Contaminant Qty:	0 other - see incident description		

Site: ***City of Ottawa***
Baseline Rd. Eastbound lane, just past Fisher Rd. Ottawa ON

Database: ***SPL***

Ref No:	5816-9U4MMM	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2/26/2015	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Leak/Break	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT N.O.S.	***Site Address:***	Baseline Rd. Eastbound lane, just past Fisher Rd.
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:	Land	***Site Lot:***	

Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	5024497
MOE Response:	N	***Easting:***	443946
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	GPS
MOE Reported Dt:	2/26/2015	***Site Map Datum:***	
Dt Document Closed:	5/5/2015	***SAC Action Class:***	Land Spills
Incident Reason:	Material Failure - Poor Design/Substandard Material	***Source Type:***	
Site Name:	Bus<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo - Coolant spill approx 15L		
Contaminant Qty:	15 L		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Apr 30, 2021

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Apr 30, 2021

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Apr 30, 2021

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jan 31, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Apr 30, 2021

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Apr 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2021

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2021

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

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.

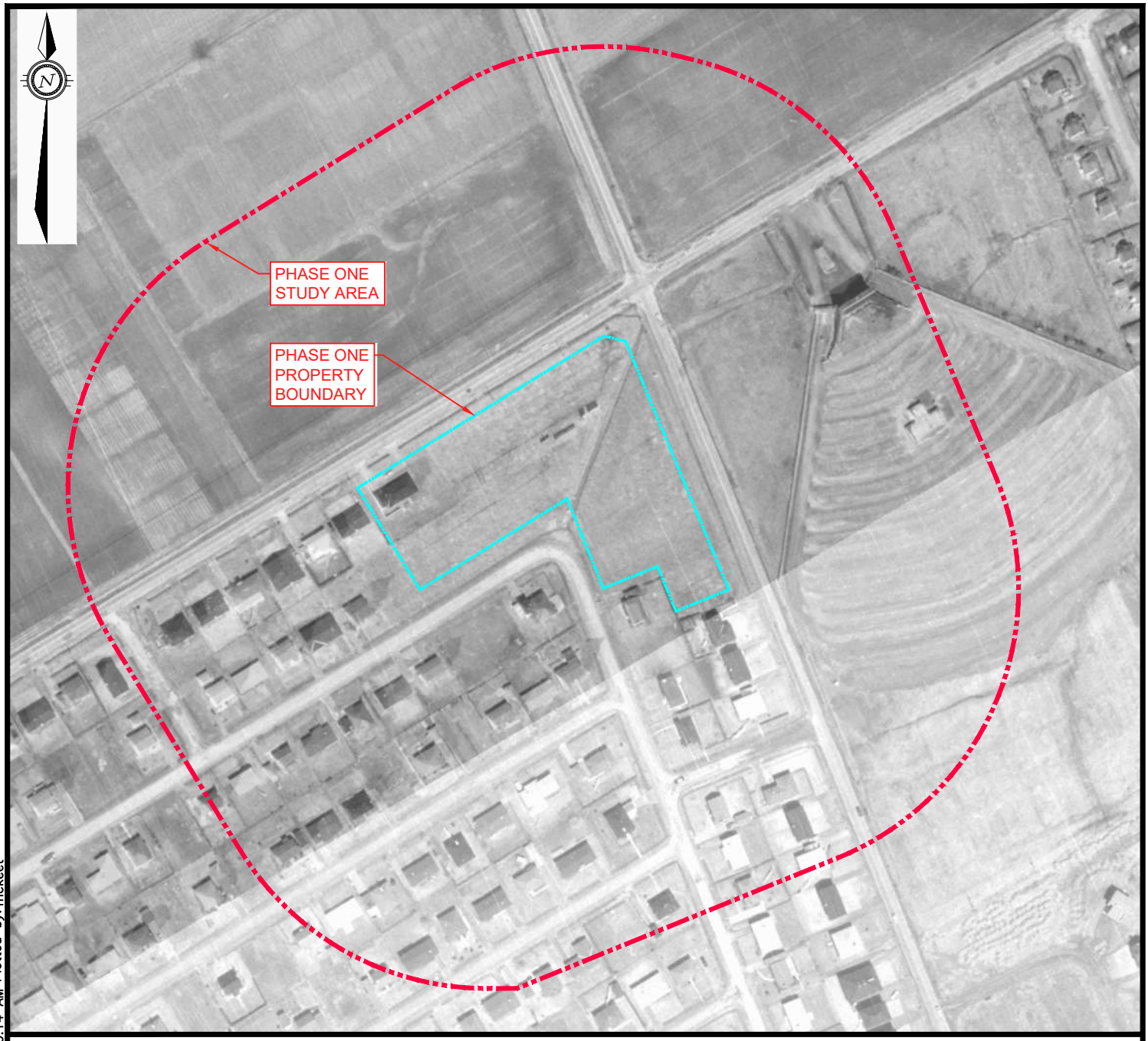
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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 F: Aerial Photographs



LEGEND

PROPERTY BOUNDARY

STUDY AREA (150m)

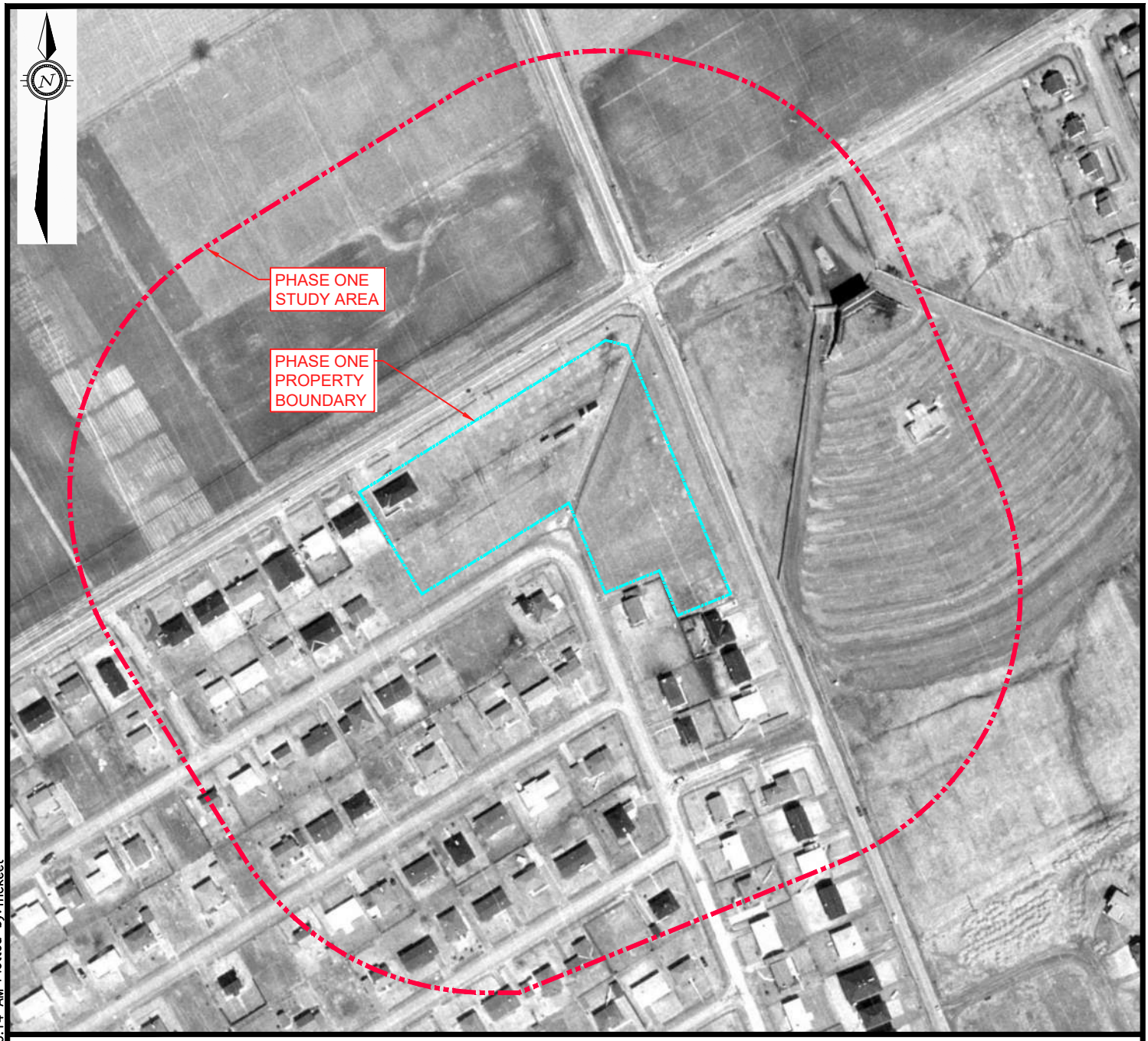
0 30m 60m 120m

HORIZONTAL 1:3,000

EXP Services Inc. **www.exp.com**

t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale: 1:3,000
DRAWN BY: TM	TITLE: 1958 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-1



LEGEND

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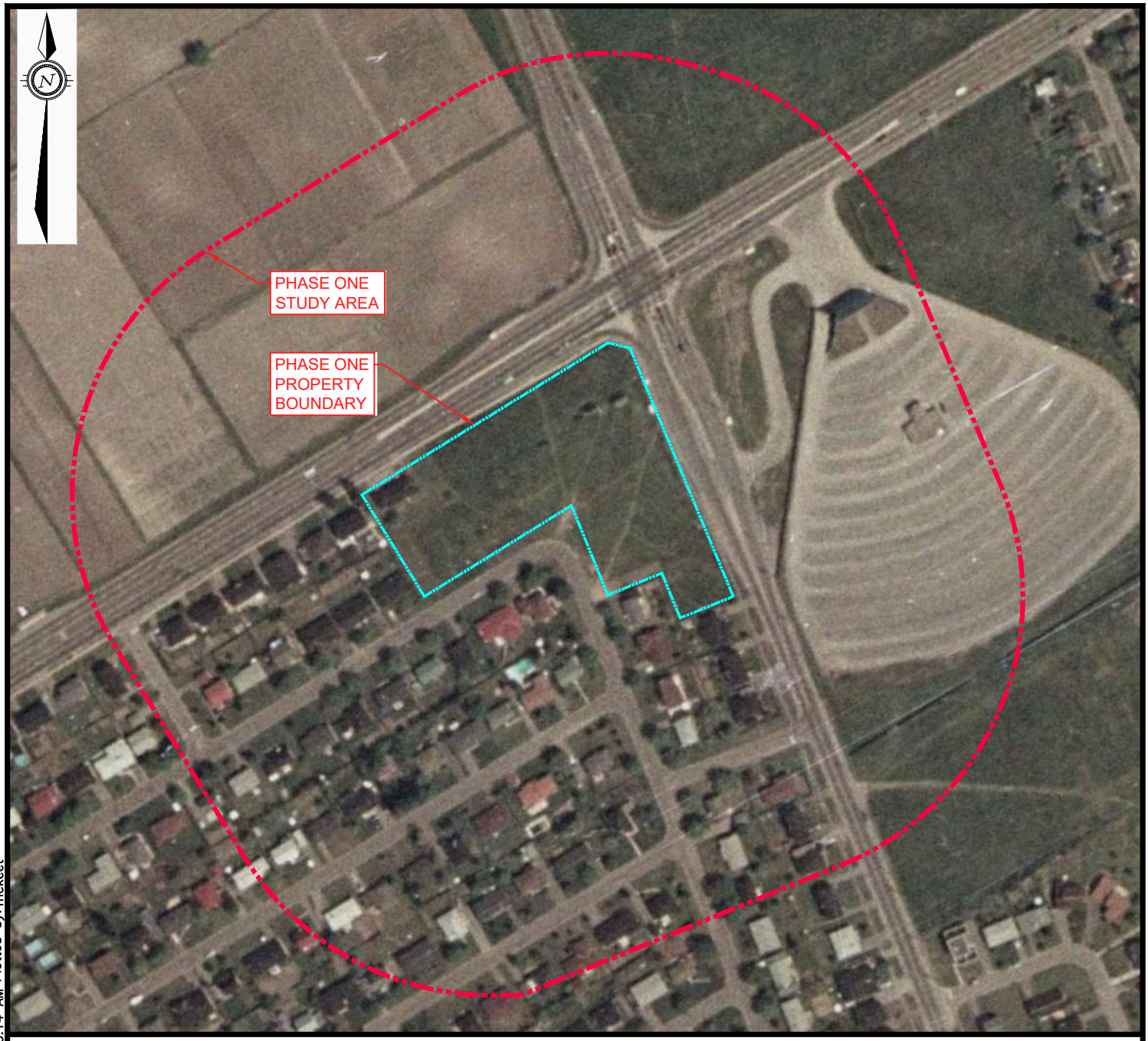
DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: 1965 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-2



LEGEND

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STUDY AREA (150m)

0 30m 60m 120m

HORIZONTAL 1:3,000

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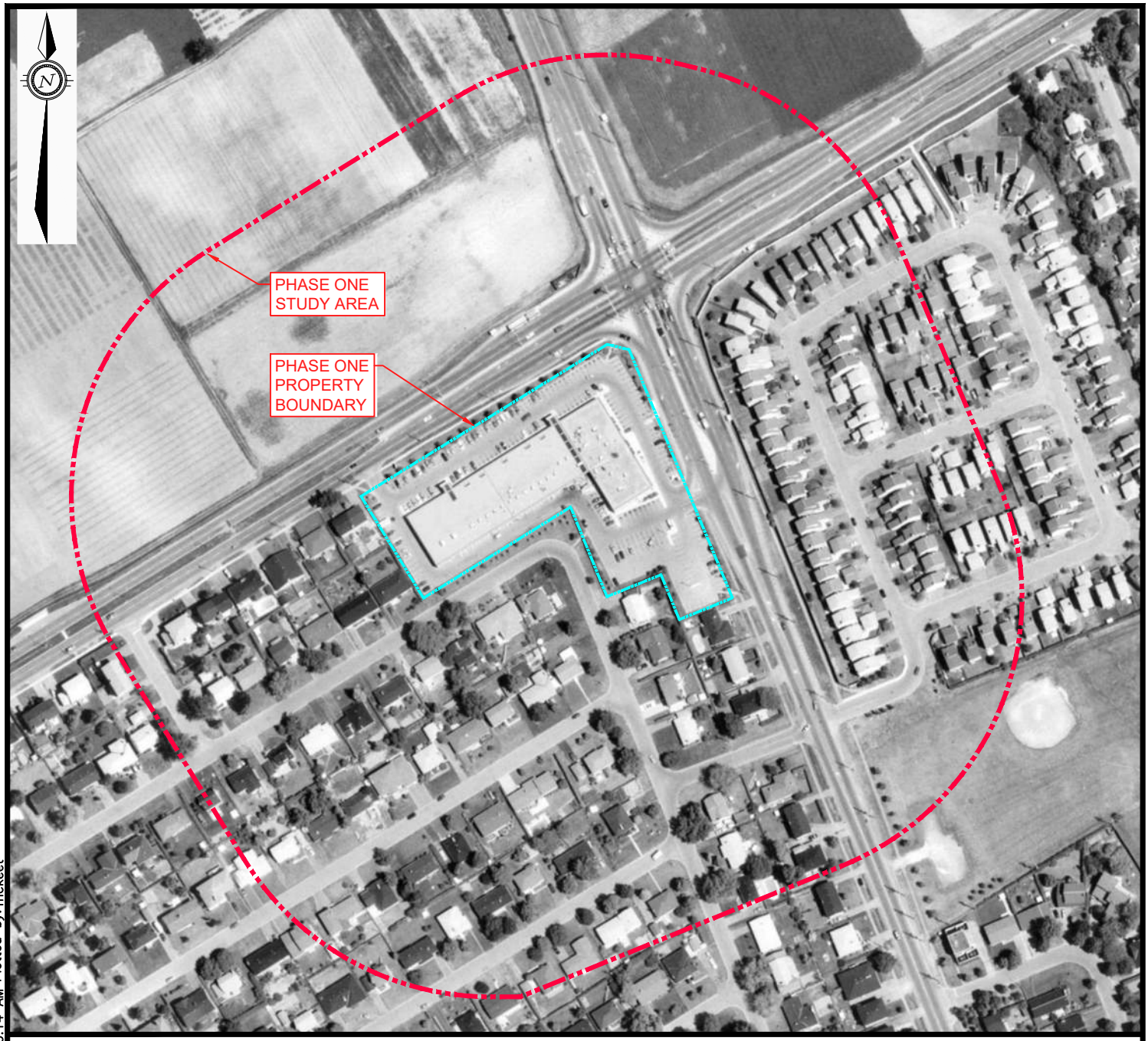
DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale: 1:3,000
DRAWN BY: TM	TITLE: 1976 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-3



LEGEND

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STUDY AREA (150m)

0 30m 60m 120m

HORIZONTAL 1:3,000

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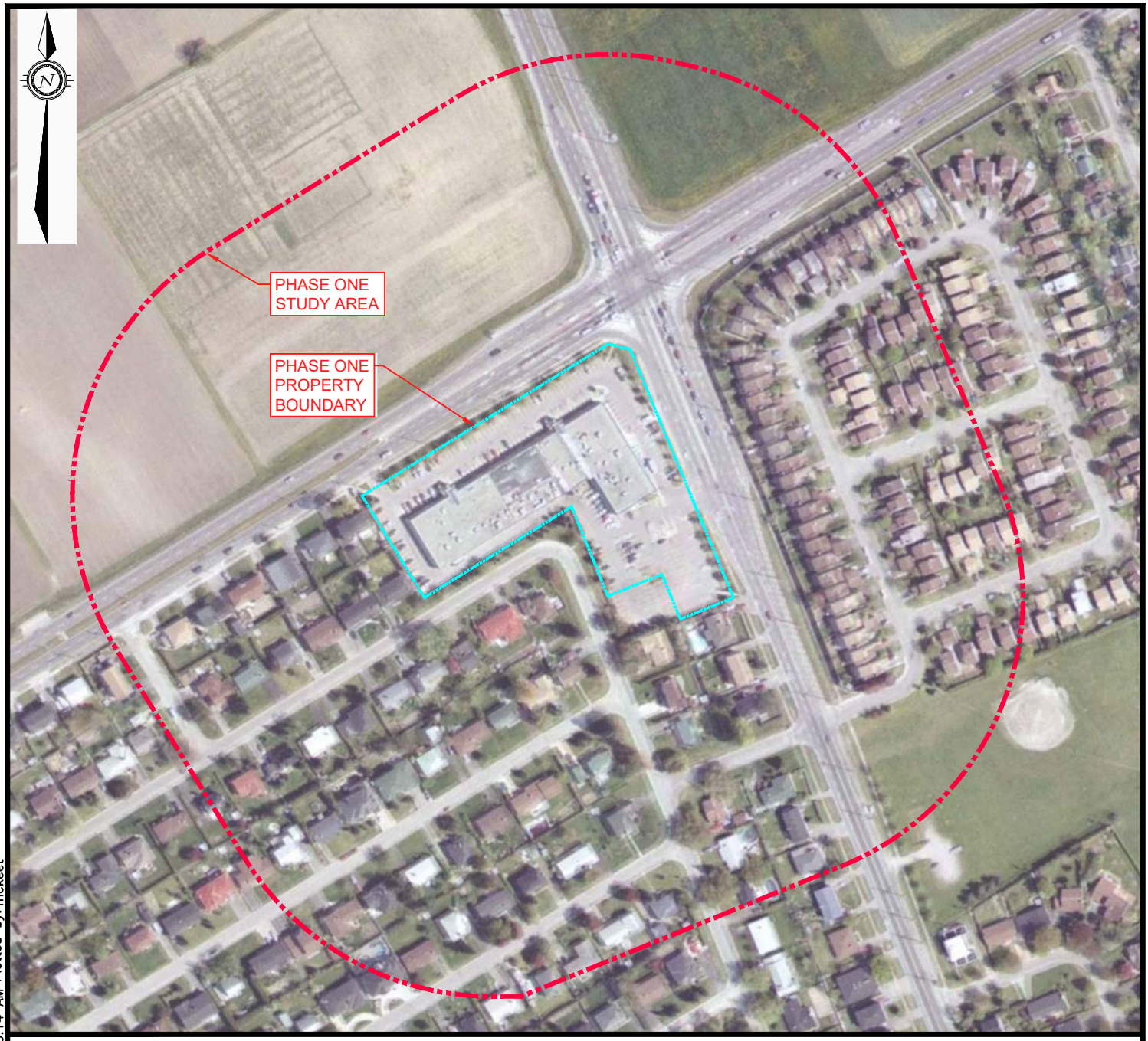
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: 1991 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-4



LEGEND

PROPERTY BOUNDARY

STUDY AREA (150m)

0 30m 60m 120m

HORIZONTAL 1:3,000

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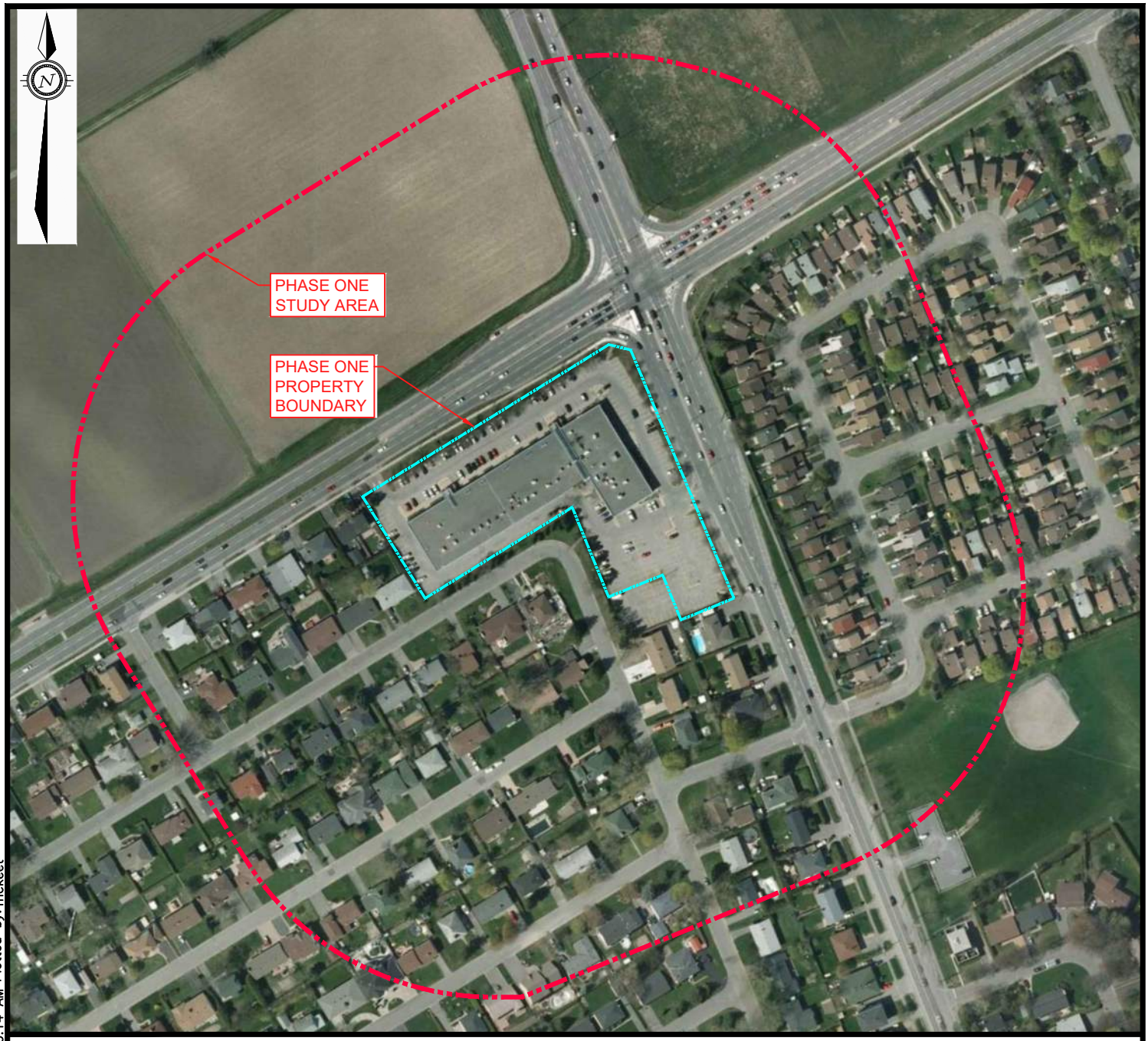
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: 1999 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-5



LEGEND

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HORIZONTAL 1:3,000

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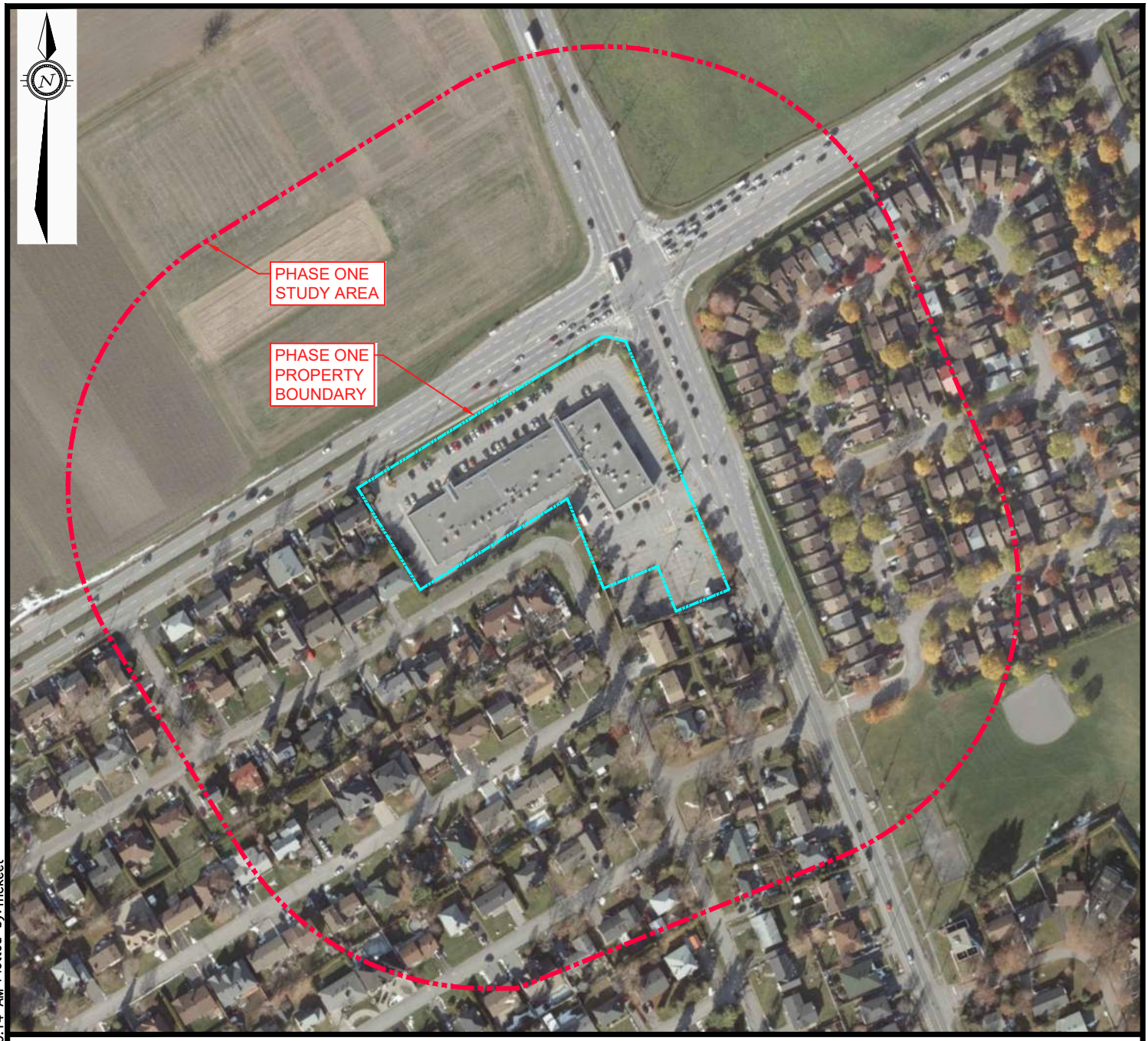
DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: 2011 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-6



LEGEND

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0 30m 60m 120m
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Ottawa, ON K2B 8H6, Canada

DATE: OCTOBER 2021	CLIENT: THEBERGE DEVELOPMENT LTD.	project no. OTT-21011499-B0
DESIGN: LW / CHECKED: MM		scale 1:3,000
DRAWN BY: TM	TITLE: 2019 AERIAL PHOTOGRAPH 780 BASELINE ROAD, OTTAWA, ONTARIO	FIG F-7

Appendix G: Site Photographs

Photograph No. 1

View of the front of north side of the building.

Photograph No. 2

View of the east side of the building.

Photograph No. 3

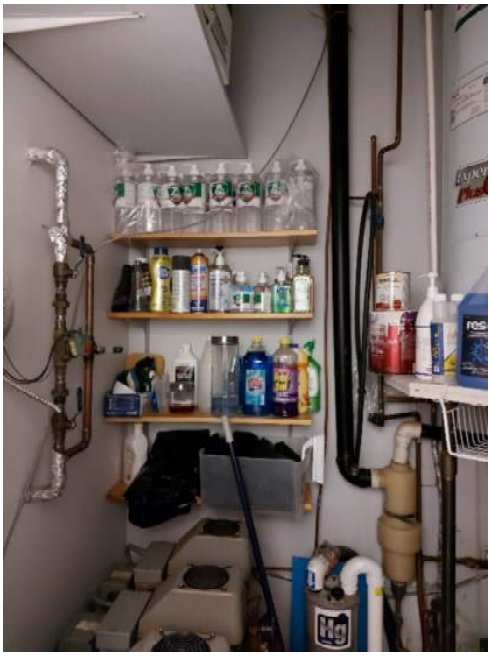
View of the back of the north part of the building.

Photograph No. 4

View of chemicals used during dialysis process.

Photograph No. 5

View of pathological waste storage area in the dialysis clinic.



Photograph No. 6

View of typical chemical storage in the other units.

Photograph No. 7

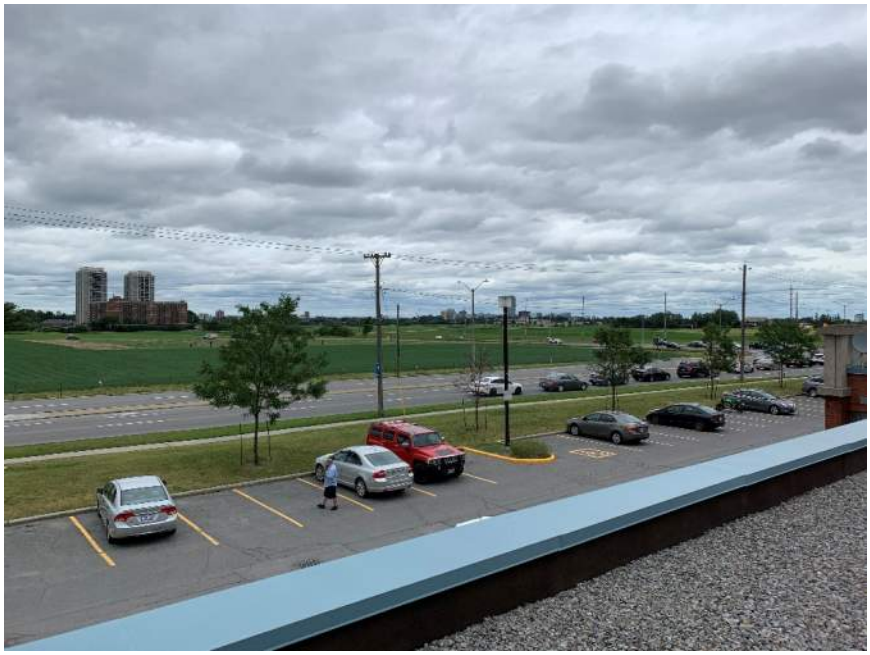
View of waste cooking oil bin.

Photograph No. 8

View of transformer on the south side of the Site.

Photograph No. 9

View of adjacent residential properties to the east.



Photograph No. 10

View of the experimental farm adjacent to the north.