LOPERS & ASSOCIATES

Phase One Environmental Site Assessment

8599 & 8600
Jeanne D'Arc
Boulevard
Ottawa, Ontario

Prepared for:
3223701 Canada Inc.

October 12, 2022

LOP22-024A

Table of Contents

List of Figures

List of Tables

List of Appendices

1. Executive Summary

Lopers & Associates (Lopers) was retained by 3223701 Canada Inc. (BRIGIL) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the undeveloped properties with Civic address Nos. 8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario ("Phase One Property", "Property" or "Site").

This Phase One ESA is being completed as part of due diligence requirements associated with the submission of a Development Application to the City of Ottawa Municipal Planning Department.

The Phase One Property has never been developed or occupied for any permanent developed use. The south portion of the Phase One Property (8600 Jeanne D'Arc Boulevard) was used for agricultural purposes until purchased by Brigil in 2008, the north portion of the Property (8599 Jeanne D'Arc Boulevard) has always been designated as Parkland. At the time of the Phase One site inspection approximately 99% of the Phase One Property was covered with trees or overgrown vegetation. The remaining portion of the Phase One Property was surfaced with granular fill and was being used as a training area for La Cité Collegial to the east.

The Property is currently vacant, was most recently used for agricultural purposes and is zoned for residential development or environmentally protected. It is understood that the intended future use is for residential purposes, where it is not environmentally protected. The Phase One Property is immediately surrounded by an institutional property to the east, residential properties to the west, parkland and The Ottawa River to the north and by Highway 174 followed by an industrial park to the south.

No Potentially Contaminating Activities (PCAs) were identified at the Phase One Property. Neighbouring property PCAs consist of petroleum storage, a former railway, a fuel storage tank and dispensing location, metal fabrication and a commercial trucking terminal. The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and are separated from the Site by a major highway which is raised and has drainage at right angles to the down-gradient direction between the PCAs and the Phase One Property, therefore are not considered to represent APECs for the Phase One Property. The PCAs identified at neighbouring properties in the Phase One Study Area are included in Table 1 below.

Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern

PCA Report Reference No.	Potentially Contaminating Activity	Location	APEC Report Reference No.
1	Waste Generator associates with a Fuel Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	8700 Jeanne D'Arc Boulevard) – adjacent to the east of the Phase One Property. La Cité Collegial.	Not Applicable
2	Former Rail Line and Former Spur Line (O.Reg. PCA Item 46: Rail Yards, Tracks and Spurs)	Historical rail line located approximately 40 m south. Coincides with Highway 174	Not Applicable
3	Reported Fuel Storage Tank and Retail Fuel Outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	815 Taylor Creek Drive approximately 90 m south of the Phase One Property.	Not Applicable
4	Metal Fabrication Facility (O.Reg. PCA Item 34: Metal Fabrication)	860 Taylor Creek Drive approximately 220 m south of the Phase One Property. Pro-Fence and Decks Ltd.	Not Applicable
5	Commercial Trucking Terminal (O.Reg. PCA Item 11: Commercial Trucking and Container Terminals)	785 Taylor Creek Drive approximately 220 m south of the Phase One Property. Royal Moving and Storage	Not Applicable

Based on the location and orientation of the PCAs identified as part of this Phase One ESA, they are not considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property.

2. Introduction

Lopers & Associates (Lopers) was retained by 3223701 Canada Inc. (BRIGIL) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the undeveloped properties with Civic address Nos. 8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario ("Site" or "Phase One Property" or "Property"). The Phase One Property is comprised of 2 parcels of land with the larger parcel (8599 Jeanne D'Arc) located between Highway 174 and Jeanne D'Arc Boulevard and the smaller parcel (8599 Jeanne D'Arc) to the north of Jeanne D'Arc Boulevard.

The Phase One Property is legally described as Part of Lots 31 and 32, Concession 1 (OLD SURVEY), Geographic Township of Cumberland, now in the City of Ottawa as obtained from the Topographical Plan of Survey, prepared by Annis, O'Sullivan, Vollebekk Ltd., dated July 14, 2022. The Phase One Property has property identifier numbers 14501-0442 and of 14501-0443 as obtained from the Parcel Registers from GeoWarehouse, as provided by Brigil. A copy of the Topographic Survey and Identification of Property Limits are presented in Appendix A, while the GeoWarehouse Parcel Registers are presented in Appendix C. Figure 1 shows the Phase One Property location in the City of Ottawa and Figure 2: Site Plan shows the features and extents of the Phase One Property.

The approximate elevation of the Phase One Property as indicated on the Topographic mapping and confirmed through geoOttawa is between approximately 52 and 54 m above mean sea level (m AMSL) on the southeast portion, 43 to 48 m AMSL on the north portion and 42 to 48 m AMSL on the southwest portion. The approximate centre of the Phase One Property has Latitude and Longitude coordinates of 45° 29′ 40″ N and 75° 29′ 23″ W and Universal Transverse Mercator (UTM) coordinates of 461740 m E and 5038016 m N. Based on approximate dimensions obtained from the Identification of Property Limits and the City of Ottawa geoOttawa mapping software, the Phase One Property has an approximate area of 140,404 m^2 (14 Hectares) and 3 zoning designations:

- The north portion of the Property (3.6 Hectares) is zoned EP, which signifies Environmental Protection Zone.
- The southwest portion of the Property (2.4 Hectares) is zoned O1, which signifies Parks and Open Space Zone.
- The southeast portion of the Property (8.1 Hectares) is zoned DR, which signifies Development Reserve Zone.

The Phase One Property is currently owned by 3223701 Canada Inc., a subsidiary company of Brigil Construction ("Brigil"). It is Lopers' understanding that Brigil has proposed the concept for redevelopment of the Phase One Property for residential purposes, including the current concept for construction of 11 multi-storey buildings, with subgrade parking. A copy of an

artist's rendering of the current Site development design concept plan, as provided by Brigil, is presented in Appendix B.

This Phase One ESA was commissioned by Mr. Jean-Luc Rivard, Director of Land Development and Infrastructure for Brigil Construction (Brigil), operating as 3223701 Canada Inc. Brigil has a business address of 98 Rue Lois, Gatineau, Quebec, J8Y 3R7 and a business telephone number of 819-243-7392.

3. Scope of Investigation

This Phase One ESA has been completed as per the details of scope presented in Lopers' Letter entitled "Proposal for Phase One Environmental Site Assessment, Undeveloped Properties, 8599 and 8600 Jeanne D'Arc Boulevard, Ottawa, ON", dated July 6, 2022, reference No. PRO-024-22-BRIGIL.

The Phase One ESA has been prepared in accordance with the technical requirements and formatting guidance as presented by the Ministry of Environment, Conservation and Parks (MECP) in Ontario Regulation (O.Reg.)153/04, as amended July 1, 2020. This format is based on the provincial regulation for brownfields redevelopment and has been adopted as a standard requirement by the City of Ottawa for development applications.

The scope of work for the Phase One ESA involved the following components:

- Historical Research (Review of available historical reports, public environmental databases, Fire Insurance Plans (FIPs), Aerial Photographs, geological mapping and any other relevant environmental records which were readily accessible at the time of the Phase One ESA);
- Requests for Information from the MECP Freedom of Information (FOI), Technical Standards and Safety Authority (TSSA), and City of Ottawa Historical Land Use Inventory (HLUI);
- Subcontracted research of environmental databases through Environmental Risk Information Services (ERIS);
- Property Title Search (subcontracted through READ Abstracts Limited and reviewed herein)
- Physical Site inspection
- Interviews with persons knowledgeable about the Property and past uses
- Interpretation of findings
- Preparation of a Phase One ESA report

The specific objectives of the Phase One ESA are to:

- Provide an overview of the Phase One Environmental Site Assessment conducted with respect to the Phase One Property.
- Provide an environmental record of the Phase One Property, in a manner that can be assessed, tested and reconstructed, to document and demonstrate:
  - How the objectives of the Phase One ESA were achieved and how the requirements for the objectives were met;
  - Whether further investigation is required to submit a Record of Site Condition (RSC) for filing;
  - Whether there exists an adequate basis for further investigation; and,
  - The basis for required certifications.

4. Records Review

a) General

i. Phase One Study Area

The Phase One Study Area includes the Phase One Property and properties with their boundaries within 250 m of the Phase One Property limits (see Figure 3). Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA. Figure 3 shows the Phase One Property and the 250 m radius defining the Phase One Study Area.

ii. First Developed Use Determination

Aerial photographs reviewed from 1976 through 2021 do not show that Phase One Property being occupied for any developed use. No historical records, indicating the potential developed use of the Phase One Property were obtained as part of any of the other historical research completed during this Phase One ESA.

Based on the information reviewed as part of this Phase One ESA, specifically aerial photographs, the Phase One Property has never been developed or occupied for any developed use other than for some practical carpentry courses provided by the neighbouring College at the east limits of the Property. The current O.Reg. 153/04 property use classification would be considered to be Agricultural or Other Use, with the limited exception of institutional use.

iii. Fire Insurance Plans

Fire insurance plans (FIPs), were reviewed where available, for the City of Ottawa as part of this Phase One ESA.

There was no coverage in the FIPs for the Phase One Property or for properties located in the Phase One Study Area as part of available FIPs.

iv. Chain of Title

A chronological chain of title was not prepared as part of the Phase One historical research. The historical ownership of the Phase One Property is expected to have generally consisted of transfers between individual or corporate land owners. Brigil (3223701 Canada Inc.) purchased the Phase One Property from 6095186 Canada Inc. on February 15, 2008. A copy of the Parcel Registers for the Phase One Property from GeoWarehouse, as provided by Brigil is provided in Appendix C.

v. Environmental Reports

No previous environmental reports for the Phase One Property were provided as part of the historical review for this Phase One ESA. According to Brigil representatives, no previous environmental studies have been completed for the Phase One Property.

b) Environmental Source Information

A review of the readily available environmental source information records was completed as part of this Phase One ESA.

As part of environmental source information review, Environmental Risk Information Systems (ERIS) was also contracted to complete a search of their records of environmental data bases within 250 m of the Site. The pertinent search results to this Phase One ESA are presented in the following subsections. A copy of the ERIS database search is included as Appendix D.

National Pollutant Release Inventory

The National Pollutant Release Inventory (NPRI) is a database maintained by Environment and Climate Change Canada (ECCC). Reporting of releases of pollutants into the natural environment are reported annually by corporations and/or their representatives and posted for public record by ECCC. Presently, data is available and posted for the years 1994 through 2017. No records were identified within 250 m of the Phase One Property during a review of the posted NPRI data on the ECCC electronic website on September 29, 2022 and the results were confirmed through the subcontracted ERIS search, dated September 7, 2022.

Polychlorinated Biphenyl (PCB) Inventories

The MECP, formerly known as the Ministry of Environment and Energy, published the "Ontario Inventory of PCB Storage Sites". The inventory documented the company information, physical

address, number of tonnes of liquid PCBs by region. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through the subcontracted ERIS search, dated September 7, 2022.

The ERIS search also reviewed the National PCB Inventory, which details in-use PCB containing equipment in federal, provincial and private facilities; this database was last updated in 2008. No records were identified within 250 m of the Phase One Property during a review of this database.

Environmental Instruments

Environmental Instruments, such as Environmental Compliance Approvals (ECAs), Certificates of Approval (CAs), Permits to Take Water (PTTWs), Risk Management Plans (RMPs), and Certificates of Property Use (CPUs) are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental instruments at the Phase One Property, however, 4 ECAs, 2 CAs and 1 EBR records were identified within the Phase One Study Area. The aforementioned records were issued for municipal and private sewage works or air discharges and are not considered to be constitute PCAs.

Inventory of Coal Gasification Plants

The document "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. for the Ontario Ministry of the Environment, dated July 1988 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through the subcontracted ERIS search, dated September 7, 2022.

Environmental Records of Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections maintained by the Ministry

Environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental incidents or orders at the Phase One Property or in the Phase One Study Area.

Waste Management Records

Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA, however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search identified 3 records of environmental waste generators at properties in the Phase One Study Area. Registered Waste Generators at neighbouring properties within the Phase One Study Area are summarized in Table 2 below.

Table 2: Waste Generators Summary

PCA Report Reference No.	Address	Generator	Waste Classes	Distance from Site
PCA #1	2700 Jeanne D'Arc Boulevard	Campus Alphonse-Desjardins de La Cité	Petroleum Distillates, Waste Crankcase oils and lubricants, wastes from the use of pigments, coatings and paints	Adjacent to east
PCA #4	860 Taylor Creek Drive	Service et Construction Mobile Lte	Fuel Dealers	220 m southeast
N/A	790 Taylor Creek Drive	LeCompte Electric Inc.	PCBs	220 m south

The activities performed at theses waste generating locations has been obtained via the Historical Land Use Inventory search (below) and these PCAs are identified by their activity and depicted on Figure 3: Surrounding Land Use and are summarized in Table 5 in Section 7. (b).

MECP Property Specific Reports

Reports submitted to the Ministry related to environmental conditions are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP

through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

An FOI request was submitted to the MECP as part of this Phase One ESA; however, a response was not received in the timeframe permitted as part of this mandate; a copy of the FOI request is included as Appendix E. The ERIS search did not identify any records of environmental reports at the Phase One Property, or properties within 250 m of the Phase One Property.

Technical Standards and Safety Authority

Records of retail fuel storage tanks, retail fuel outlets, spills, releases, and other associated information is maintained by the Technical Standards and Safety Authority (TSSA). These records can be obtained through electronic communications with the TSSA. The subcontracted ERIS search also confirms the filing of such records associated with properties.

The TSSA was contacted by email to complete a search of available records associated with the current property address and addresses of surrounding properties with historical environmental listings (based on other historical research). The TSSA response, received on October 6, 2022, did not identify the presence of any fuel storage tanks at the Phase One Property or immediately adjacent properties. A copy of the TSSA response is included as Appendix F.

The subcontracted ERIS search did not identify any records of private and retail fuel storage tanks or historic incidents in the Phase One Study Area.

Registry Filings

Records of notices and instruments, including records of site condition (RSC), which have been posted in the environmental registry, are maintained by the MECP. These records can be reviewed electronically on the MECP Environmental Site Registry (ESR) website. The subcontracted ERIS search also confirms the filing of such records associated with properties. The website was reviewed for RSCs filed at the Phase One Property and in the Phase One Study Area; no RSCs have been filed for the Phase One Property or for any properties in the Phase One Study Area.

Areas of Natural and Scientific Interest

Records of areas of natural and scientific interest (ANSIs) formerly referred to as areas of natural significance, are maintained by the Ministry of Natural Resources and Forestry (MNRF), and are available for review on the Ontario GeoHub website. The website was reviewed on September 29, 2022 for records of ANSIs in the Phase One Study Area. The Petrie Island Wetland, a Provincially significant wetland, was identified on the north portion of the Property; this portion of the Property has not been proposed for future development, as it is known this is a protected wetland and ANSI.

Current and Historical Landfills

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document.

The City of Ottawa contracted Golder Associates Ltd. to conduct an inventory and assessment of former waste disposal sites in within the City of Ottawa. The document "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., finalized October 2004, was reviewed as part of this Phase One ESA. No records of active or former landfills were identified within 250 m of the Phase One Property during a review of this document.

City of Ottawa Historical Land Use Inventory

The City of Ottawa's Planning, Infrastructure and Economic Development department was contacted to complete a search of the Historical Land Use Inventory (HLUI) maintained by the City. The response, received on September 29, 2022, indicated that the HLUI search had not identified records (of environmental significance) at the Phase One Property, however, 3 activities of environmental significance were identified at 3 properties within the Phase One Study Area. The PCAs in the Phase One Study Area are summarized in Table 3 and their locations are shown on Figure 3.

Table 3: Potentially Contaminating Activities Identified during HLUI Review

PCA Reference No.	PCA	Address	Orientation	APEC (Y/N)
2	Former Railway	Highway 174	40 m south	N
3	Fuel outlet and UST	815 Taylor Creek Drive	90 m south	N
4	Metal Fabrication	860 Taylor Creek Drive	220 m southeast	N

None of the PCAs identified in the HLUI research are considered to represent APECs for the Phase One Property due to their distance and/or orientations with respect to the Property. A copy of the HLUI response letter is included in Appendix G.

c) Physical Setting Sources

i. Aerial Photographs

Aerial Photographs were reviewed for the Phase One Property and Phase One Study Area from available sources as part of the historical review. Aerial photographs were reviewed from historical research previously completed in the Phase One Study Area, Google Earth Aerial Imagery and from the City of Ottawa's geoOttawa GIS tool. Aerial Photographs were reviewed over the period of 1976 through 2021, which depict the development at the Phase One

Property. A summary of the information gleaned from the aerial photographs is provided below. Copies of the aerial photographs reviewed are provided in Appendix H.

1976 Aerial Photograph

The Phase One Property is undeveloped and appears to be vegetated and/or used for agricultural purposes. Surrounding properties appear to be used for agricultural and/or rural/residential purposes. Taylors Creek is present on the west side of the Phase One Property. The Ottawa River is present immediately north of the north portion of the Phase One Property, while Highway 174 is present immediately to the south.

1991 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area. The neighbouring property to the south of Highway 174 appear to have undergone some commercial development. The property at 815 Taylor Creek Drive appears to have been developed with a commercial office building.

2002 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the north, south and west portions of the Phase One Study Area. There have been some soil disturbances at the neighbouring property to the east, however no PCAs were identified at this property.

2008 Aerial Photograph

The Phase One Property, adjacent properties to the east and south of Highway 174 appear to be used for agricultural purposes. Some residential development is apparent approximately 40 m west of the Phase One Property. No other significant changes appear to have been made to the Phase One Study Area.

2011 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the north and south portions of the Phase One Study Area. The present-day College (La Cite Collegial) has been constructed to the east of the Phase One Property. A residential development has been constructed to the west of the Phase One Property, west of Taylors Creek.

2021 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

No additional PCAs were identified at the Phase One Property or at neighbouring properties in the Phase One Study Area as during the review of historical aerial photographs.

ii. Topography, Hydrology, Geology

The Ontario Ministry of Natural Resources and Forestry's (MNRF's) Topographic Map GIS website was used to produce a topographic map showing the location of the Phase One Property, nearby water bodies and the regional topography of the Phase One Study Area. A copy of the Topographic Map is provided in Appendix I. The regional topography in the Phase One Study Area generally slopes downward to the north, toward the Ottawa River. The topography on the Phase One Property also slopes downward to the north, toward the Ottawa River or to the west Taylors Creek. Taylors Creek is present on west portions of the Phase One Property and the Ottawa River is approximately 40 m north of the Phase One Property.

Information on the regional surficial soil was obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa Hull. Based on a review of the map, the natural soil conditions in the Phase One Study Area consist of "Abandoned River Channel Deposits: stratified, buff to grey, medium to fine grained sand; minor gravel lenses; unfossiliferous; commonly reworked into dunes".

Information on the regional bedrock was obtained from the Ontario Geological Survey Map P2716 titled 'Paleozoic Geology Ottawa Area'. Based on a review of the map, the Phase One Study Area is underlain by bedrock of the Gull River Formation, described as "interbedded silty dolostone, lithographic to fine crystalline limestone, oolitic limestone, shale, and fine-grained calcareous quartz sandstone".

Well records and borehole logs, obtained from the MECP Water Well Records database and the subcontracted ERIS search were reviewed. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of a layer of silty clay (of significant thickness), sand and gravel glacial till. The overburden soil is underlain by limestone bedrock.

iii. Fill Materials

The Phase One Property has never been developed or occupied for any developed use. A temporary use for institutional purposes (carpentry instruction) was identified on the east Property limits, which has a small gravel fill surface; this fill material does not meet the definition of soil and is not considered a PCA or APEC for the Site. The Property was used for agricultural purposes until acquisition by Brigil in 2008. No PCAs or APECs were identified at the Phase One Property with respect to fill management.

iv. Water Bodies and Areas of Natural Significance & Ground Water Information

Taylors Creek, a small creek was identified on the west portion of the Phase One Property; this creek is a tributary which drains towards The Ottawa River located approximately adjacent to the north of the Phase One Property. The north portion of the Phase One Property was identified as a wetland, a Provincial area of natural and scientific interest (ANSI or areas of natural significance).

The Phase One Property and Study Area are not located in the vicinity of any well-head protection areas or other designation identified by the City of Ottawa in its official plan for the protection of ground water. The Phase One Study Area is serviced by municipally treated drinking water. No private or agricultural water supply wells are currently located within the Phase One Study Area.

v. Well Records

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. No water wells were identified at the Phase One Property.

Two historic potable water supply wells were identified in the Phase One Study Area during a review of the MECP Water Well Records database, however, these wells were drilled in the 1950s and 1960s, prior to the availability of municipally treated potable water. It is expected that these wells have been decommissioned as the Phase One Study Area has been redeveloped. The Phase One Study Area is provided with municipally treated potable water and as such it is not suspected that any potable water wells will be present at the Phase One Property or in the Phase One Study Area.

Based on the available well records, the general stratigraphy of the Phase One Study Area consists of clay underlain by sand and gravel glacial till, underlain by limestone bedrock. The approximate depth to bedrock could be greater than 80 m BGS, with a groundwater table at approximately 3 to 4 m BGS.

d) Site Operating Records

The Phase One Property has never been occupied for developed use other than a small gravel surfaced area that has been used for carpentry training by the neighbouring College to the east and was used for agricultural purposes from at least 1976 to 2008. Any operating records that exist for the Property would have been maintained by previous owners prior to sale to the City of Ottawa. Operating records for the Property may have included agricultural production history and agricultural management history, however no records were provided to Brigil upon acquisition of the Phase One Property. The absence of any Site Operating Records is not expected to affect the findings or conclusions of this Phase One ESA.

5. Interviews

An interview was completed by telephone on September 26, 2022 with Mr. Philip Thibert, Manager – Land Development & Infrastructure for Brigil. Mr. Thibert and/or representatives of Brigil have been familiar with the Phase One Property since at least 2008. Mr. Thibert stated that the Property was previously used for agricultural purposes. Mr. Thibert was not aware of any spills or poor environmental management practices associated with the Phase One Property or adjacent lands. Mr. Thibert stated that La Cite Collegial temporarily uses a small area on the east portion of the Phase One Property for institutional (teaching/training) purposes. Mr. Thibert stated that no fuels or chemicals are stored at the Property.

6. Site Reconnaissance

a) General Requirements

The Phase One Site Investigation was completed on October 5, 2022 between the hours of 2:00 PM and 4:30 PM. Weather conditions were sunny with an ambient air temperature of approximately 18 degrees Celsius. The Phase One Property was unoccupied at the time of the Site Investigation with the majority of the Property overgrown with vegetation. The Site Investigation was completed by Mr. Luke Lopers, who is a registered Professional Engineer (Environmental) in the province of Ontario and a Qualified Person (QP) for Environmental Site Assessments, and has been conducting Phase I/One Environmental Site Assessments and environmental reconnaissance since 2006. Mr. Lopers was unaccompanied during the Site Investigation.

Photographs were taken of the exterior of the Phase One Property, documenting the condition of the Phase One Property, any potentially contaminating activities, areas of disturbed soils and surrounding properties. A copy of the Photographic Log and written descriptions of the photos are provided in Appendix J.

b) Specific Observations at Phase One Property

The Phase One Property was vacant at the time of the Site Investigation; there were no structures or buildings present. There were no improved (paved) surfaces at the Phase One Property. La Cite Collegial was conducting carpentry training on the east portion of the Property and had partially constructed a small wood framed structure on a concrete slab. It is expected that these temporary structures will be relocated or disassembled after their use for educational purposes.

There were no permanent above or below ground structures present on the Phase One Property at the time of the Site investigation.

No aboveground storage tanks (ASTs) or visual indications of the presence of underground storage tanks (USTs), such as vent and fill pipes or access hatches, were observed as part of the Site Investigation.

No potable water wells were observed at the Phase One Property during the Site Investigation. The Phase One Property is presently unoccupied and has not been connected to active services, as such, no potable water connections were observed.

The Phase One Property has never been developed with any permanent buildings or structures, as such it is not expected that any former heating or cooling systems were ever present. No drains, pits or sumps were observed as part of the Site Investigation.

There were no septic tanks or leaching beds observed at the Phase One Property as part of the Site Investigation. Given that the Phase One Property has not been developed, it is not expected that any private sewage systems exist.

Approximately 99% of the Phase One Property was covered with trees and overgrown vegetation. The remaining portion of the Phase One Property was surfaced with granular fill and was being used as a training area for La Cite Collegial to the east. Taylors Creek, which flows in a northerly direction, is present on the west portion of the Phase One Property. The Property is generally at grade with the surrounding neighbouring lands.

A former railway line was present in the alignment of the present-day Highway 174, approximately 40 m south of the Phase One Property. This railway was decommissioned when Highway 174 was constructed in the 1950's. A light rail track is currently being constructed in the centre of the Highway 174 alignment, approximately 30 m south of the Property. The former railway line represents PCA #2 however, due to its distance from the Property, it is not interpreted to represent an APEC for the Property.

No surficial staining was observed on the landscaped portions of the Phase One Property during the Site Investigation. No stressed vegetation was observed during a walkover of the vegetated areas of the Property.

The presence of fill material was not apparent during the Site Investigation as the majority of the Property was overgrown with heavy vegetation.

i. Enhanced Investigation Property

The Phase One Property is not currently operating for any industrial use or any of the following commercial uses: as a garage, as a bulk liquid dispensing facility, including a gasoline outlet, or for the operation of dry cleaning equipment. The Phase One Property is hence not an enhanced investigation property.

c) Land Use Observations of the Phase One Study Area

Properties in the Phase One Study Area were reviewed from publicly accessible Rights-of-Way as part of the Site Investigation on October 5, 2022. Uses of these lands were noted and any potential presence of PCAs was also assessed. Neighbouring land uses were recorded as follows:

North: Parkland, Wetlands and/or The Ottawa River

East (north): Parkland.

East (south): La Cite Collegial (College).

South: Highway 174 followed by Taylor Creek Industrial Park on Taylor Creek Drive.

West (north): Parkland.

West (south): Residential development followed by Parkland.

As noted, the Phase One Property is comprised of 2 parcels of land with the larger parcel (8600 Jeanne D'Arc) located between Highway 174 and Jeanne D'Arc Boulevard and the smaller parcel (8599 Jeanne D'Arc) to the north of Jeanne D'Arc Boulevard.

Neighbouring land uses are shown on Figure 3: Surrounding Land Use. One PCA was observed during the review of land use in the Phase One Study Area.

A commercial trucking facility was identified as PCA #5 at 785 Taylor Creek Drive, approximately 150 m south of the Phase One Property. This property is located a significant distance with respect to the Property and does not represent an APEC for the Phase One Property.

7. Review and Evaluation of Information

a) Current and Past Land Use

The current and past land use of the Phase One Property, dating back to the first developed use, is provided in Table 4 below.

Table 4: Current and Past Land Use

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
Prior to 2008	Individuals and Corporate Land Owners (6095186 Canada Inc. in 2008)	South portion of Property is undeveloped and used for agricultural purposes North portion of Property is undeveloped and appears to be Parkland	Agricultural or other use	Aerial photos from 1976 through 2008 show agricultural use on the south portion of the Phase One Property, and no use on the north portion of the Property
February 15 2008 to Present	3223701 Canada Inc.		Agricultural or other use Limited Institutional use	Aerial photos from 2011 through 2017 show no use of the Phase One Property. The 2019 and 2021 aerial photographs show limited occupancy on the east limits of the Property. The 2022 Site Inspection confirmed limited occupancy on the east Property limits to be for institutional (carpentry education) purposes.

No Potentially Contaminating Activities were identified at the Phase One Property. Five PCAs were identified at neighbouring properties within the Phase One Study Area and are summarized in Table 5 below.

Table 5: Potentially Contaminating Activities in the Phase One Study Area

PCA Report Reference No.	Potentially Contaminating Activity	Location
1	Waste Generator associated with a Fuel Storage Tank (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	8700 Jeanne D'Arc Boulevard) – adjacent to the east of the Phase One Property. Centre des métiers Minto, trades campus of La Cité Collegial.
2	Former Rail Line and Former Spur Line (O.Reg. PCA Item 46: Rail Yards, Tracks and Spurs)	Historical rail line located approximately 40 m south. Coincides with highway 174.
3	Reported Fuel Storage Tank and Retail Fuel Outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	815 Taylor Creek Drive approximately 90 m south of the Phase One Property.
4	Metal Fabrication Facility (O.Reg. PCA Item 34: Metal Fabrication)	860 Taylor Creek Drive approximately 220 m south of the Phase One Property. Pro-Fence and Deck Ltd.
5	Commercial Trucking Terminal (O.Reg. PCA Item 11: Commercial Trucking and Container Terminals)	785 Taylor Creek Drive approximately 220 m south of the Phase One Property. Royal Moving and Storage

b) Areas of Potential Environmental Concern

Based on the location and orientation of the PCAs identified as part of this Phase One ESA they are not considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property.

c) Phase One Conceptual Site Model

Three Figures are provided to visually depict the Conceptual Site Model. Figure 1: Key Plan shows the location of the Phase One Property within the City of Ottawa. Figure 2: Site Plan depicts the current general conditions and environmentally significant features at the Phase One Property. Figure 3: Surrounding Land Use shows the current uses of properties in the Phase One Study Area, and the location of PCAs.

The Phase One Property is located at Civic Numbers 8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario and has an approximate area of 140,404 m^2 (14 Hectares).

The Phase One Property has never been developed or occupied for any permanent developed use. The south portion of the Phase One Property was used for agricultural purposes until purchase by Brigil in 2008, the north portion of the Property has always been designated as Parkland. Approximately 99% of the Phase One Property was covered with trees and overgrown vegetation. The remaining portion of the Phase One Property was surfaced with granular fill and was being used as a training area for La Cité Collegial to the east.

The Property is currently vacant, was most recently used for agricultural purposes and is zoned for residential development or environmentally protected. The Phase One Property was acquired by the Brigil in 2008. It is understood that the intended future use is for residential purposes, where it is not environmentally protected. The Phase One Property is immediately surrounded by an institutional property to the east, residential properties to the west, Parkland and The Ottawa River to the north and by Highway 174 followed by an industrial park to the south.

The Phase One Study Area includes the Phase One Property and properties with their boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

Taylors Creek is present on west portions of the Phase One Property and the Ottawa River approximately is 40 m north of the Phase One Property. No drinking water wells are located at the Phase One Property and the Phase One Study Area is serviced by municipally treated non-potable water.

The regional topography in the Phase One Study Area generally slopes downward to the north, toward the Ottawa River. The topography on the Phase One Property also slopes downward to the north, toward the Ottawa River or to the west Taylors Creek.

Based on the historical research the general stratigraphy of the Phase One Property and Phase One Study Area consists of a layer of silty clay (of significant thickness), sand and gravel glacial till. The overburden soil is underlain by limestone bedrock. Groundwater is expected at a depth of approximately 3 to 4 m BGS and to flow in a predominantly north direction.

No PCAs were identified at the Phase One Property and 5 PCAs were identified at neighbouring properties in the Phase One Study Area were identified as part of this Phase One ESA. Neighbouring property PCAs consist of petroleum storage, a historic railway, a fuel storage tank and dispensing location, metal fabrication and a commercial trucking terminal. The PCAs at neighbouring properties in the Phase One Study Area are located significant distances and are separated from the Site by a major highway which is raised and has drainage at right angles to the down-gradient direction between the PCAs and the Phase One Property, therefore are not considered to represent APECs for the Phase One Property.

Underground utility service trenches not expected to be present at the Phase One Property and hence are not suspected to have the potential to affect contaminant distribution and transport at the Phase One ESA.

Any uncertainty or absence of information obtained in the components of this Phase One ESA are not expected to affect the validity of the conceptual site model.

8. Conclusions

i. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

No Potentially Contaminating Activities were identified at the Phase One Property.

Five PCAs were identified in the Phase One Study Area, which included: petroleum storage, a historic railway, a fuel storage tank and dispensing location, metal fabrication and a commercial trucking terminal.

Based on the location and orientation of the PCAs identified as part of this Phase One ESA, they are not considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property. No further investigation is considered warranted at this time.

ii. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that there were no APECs identified at the Phase One Property, a Phase Two Environmental Site Assessment is not required before a record of site condition (RSC) may be submitted with respect to all or part of the Phase One Property. However, it should be noted that the proposed development involves a change in land use to a less stringent use, and therefore an RSC would not be required.

iii. Signatures

The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers is a Professional Engineer registered in Ontario since 2012 and has been working on environmental site assessments since 2006. Mr. Lopers has been an author, project manager and/or peer reviewer for hundreds of Phase One ESAs and Phase Two ESAs as well as previously filed RSCs

The reviewer for this study is Mr. Don Plenderleith, P.Eng. Mr. Plenderleith is a Professional Engineer registered in Ontario since 1994 and has authored and/or reviewed hundreds of Phase One and Two ESAs in Ontario and the rest of Canada. The qualifications of the assessor/Qualified Person and reviewer are included in Appendix K.

Sincerely,

Luke Lopers, P.Eng., QP_{ESA} Don Plenderleith, P.Eng., QP_{ESA}

iv. Limitations

The findings and conclusions of this Phase One ESA are based on the information provided and/or reviewed as part of this study.

This Phase One ESA has been completed with the standard of care generally expected in the industry for a study of this nature.

This Phase One ESA has been prepared for the sole use of 3223701 Canada Inc. for the purposes of a due diligence assessment of the potential liabilities which may exist at the Phase One Property. No other party is permitted to rely on the conclusions or findings of this report without the written consent of Lopers & Associates and 3223701 Canada Inc.

There were no portions of the Phase One Property which were inaccessible, or components of this ESA where insufficient information was available to complete the interpretation.

Changes to the physical setting of the Phase One Property, Phase One Study Area and applicable regulations governing Phase One Environmental Site Assessments have the potential to influence the validity of the conclusions and opinions presented in this Phase One ESA.

9. References

Topographical Plan of Survey, Annis, O'Sullivan, Vollebekk Ltd., dated July 14, 2022.

City of Ottawa, geoOttawa GIS mapping tool, Visited September 2022 through October 2022. http://maps.ottawa.ca/geoottawa/

City of Ottawa, Development Applications website, Visited September 29, 2022. http://ottwatch.ca/devapps?since=999

Google Earth, Visited September 2022 through October 2022.

Development Concept Plan, Brigil, April 22, 2022.

National Pollutant Release Inventory – Environmental Climate Change Canada online website, visited September 29, 2022. https://www.canada.ca/en/services/environment/pollution-waste-management/national-pollutant-release-inventory.html

"Ontario Inventory of PCB Storage Sites", Ministry of Environment and Energy, dated January 1993.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., Dated October 2004.

Ministry of Environment, Conservation and Parks, Environmental Site Registry website, Visited September 29, 2022. https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDetail?submissionId=226318

Ministry of Natural Resources and Forestry, Ontario GeoHub website, Visited September 29, 2022. https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194_3?geometry=-75.706%2C45.443%2C-75.543%2C45.464

Ministry of Natural Resources and Forestry, Make a Topographic Map website, Visited September 29, 2022. https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US

Ministry of Environment, Conservation and Parks, Water Well Records database website, Visited September 29, 2022. https://www.ontario.ca/environment-and-energy/map-well-records

10. Appendices

Appendix A – Topographical Plan of Survey

Appendix B – Preliminary Concept for Development

Appendix C – GeoWarehouse Parcel Registers

Appendix D – Environmental Risk Information Systems (ERIS) database Search

Appendix E – Ministry of Environment, Conservation and Parks Freedom of Information (FOI) Request

Appendix F – Technical Standards and Safety Association Correspondence

Appendix G – City of Ottawa Historic Land Use Inventory (HLUI)

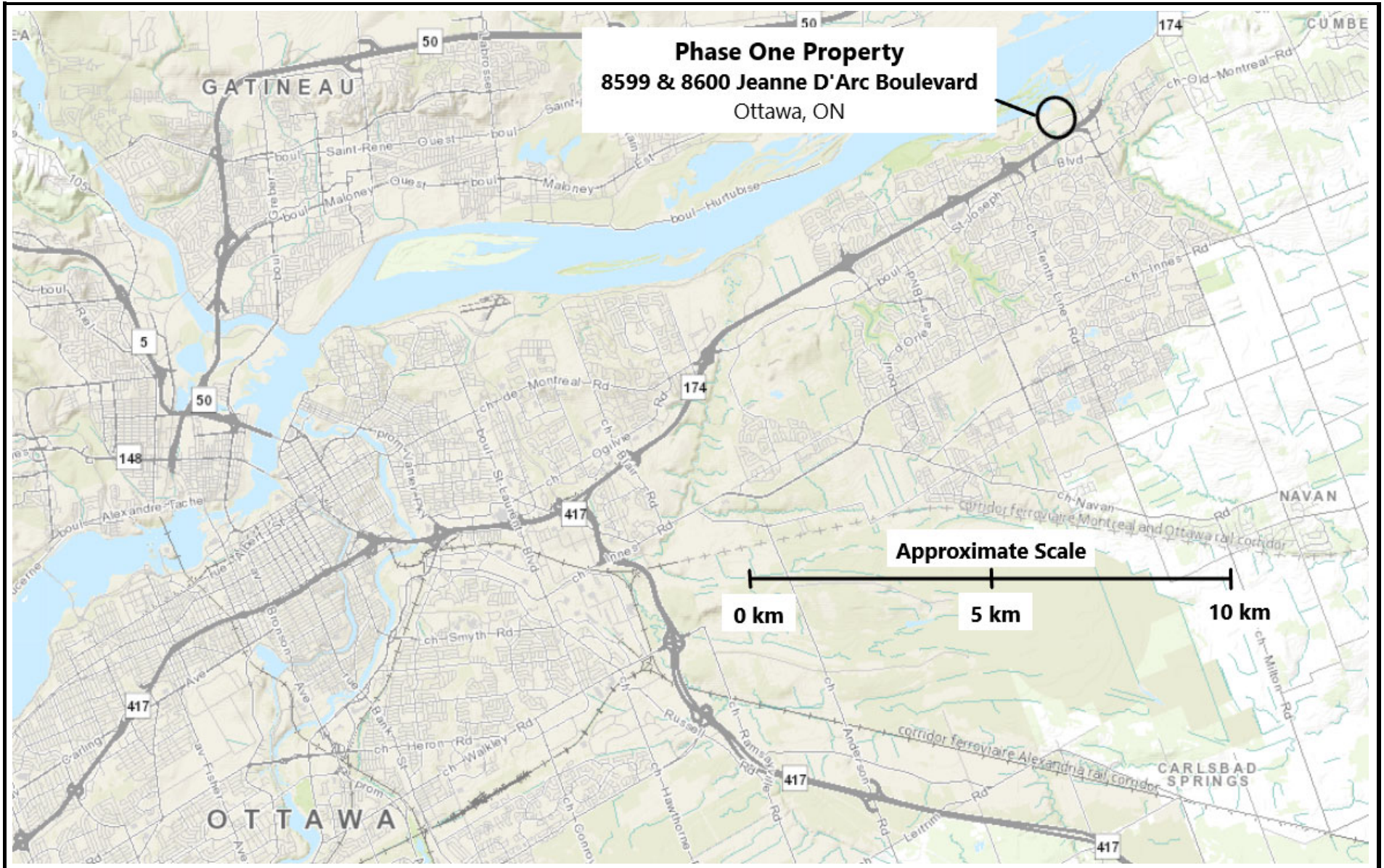
Appendix H – Aerial Photographs

Appendix I – Topographic Map

Appendix J – Photographic Log

Appendix K – Qualifications of Assessors

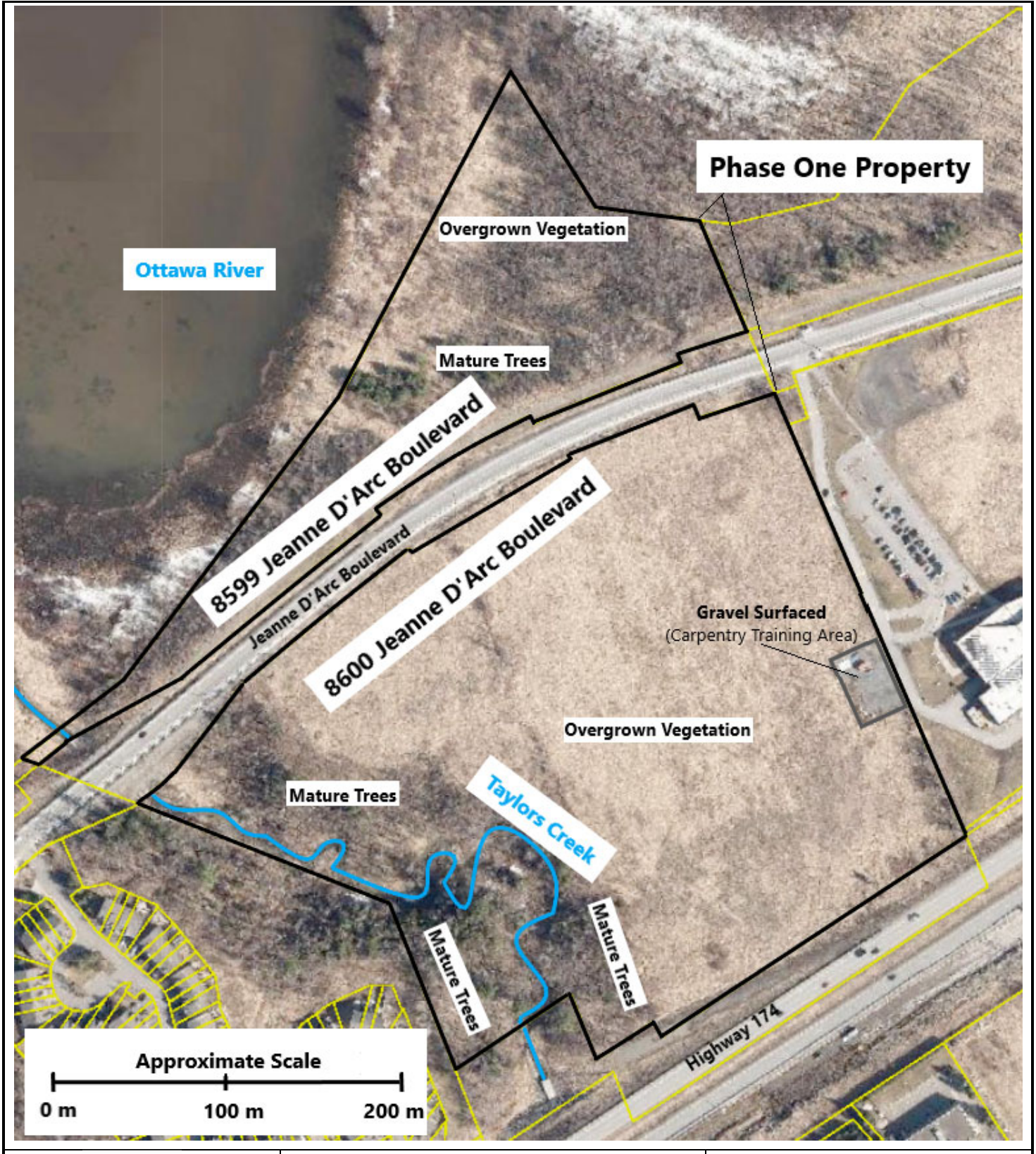
Figures



LOPERS & ASSOCIATES

Figure 1: Key Plan
Phase One Environmental Site Assessment
8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario
3223701 Canada Inc.

Project Reference No:	LOP22-024A
Drawing No.:	LOP22-024A-2
Date:	October 7, 2022
Author:	L. Lopers
Source:	geoOttawa



LOPERS & ASSOCIATES

Figure 2: Site Plan
Phase One Environmental Site Assessment
8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario
3223701 Canada Inc.

Project Reference No:	LOP22-024A
Drawing No.:	LOP22-024A-2
Date:	October 7, 2022
Author:	L. Lopers
Source:	geoOttawa, 2021 Aerial Imagery

 # Potentially Contaminating Activity

1 Petroleum Storage

2 Former Railway

3 Former Fuel Storage Tank and Dispensing Location

4 Metal Fabrication

5 Commercial Trucking Terminal

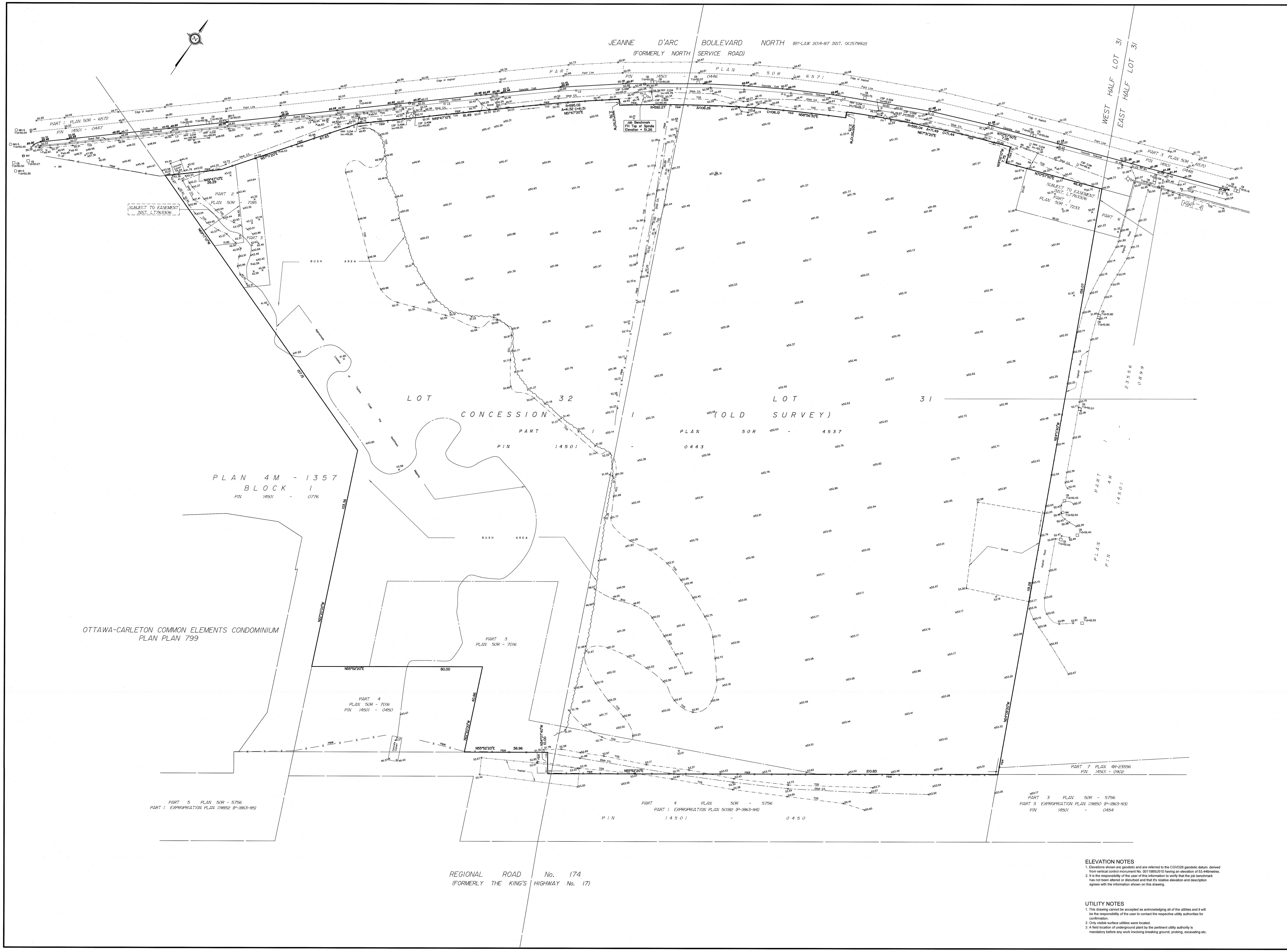
LOPERS & ASSOCIATES

Figure 3: Surronding Land Use
Phase One Environmental Site Assessment
8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario
3223701 Canada Inc.

Project Reference No:	LOP22-024A
Drawing No.:	LOP22-024A-3
Date:	October 7, 2022
Author:	L. Lopers
Source:	geoOttawa

Appendix A

Topographical Plan of Survey



TOPOGRAPHICAL PLAN OF

PART OF LOT 31 AND 32
CONCESSION 1 (OLD SURVEY)
GEOGRAPHIC TOWNSHIP OF CUMBERLAND
CITY OF OTTAWA

Prepared by Annis, O'Sullivan, Vollebekk Ltd.
Field Work Completed on October 6, 2020

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

July 14 2022 — Date

E.H. Herweyer, O.L.S.

Notes & Legend

	Denotes	
MH-ST	"	Maintenance Hole (Storm Sewer)
MH-S	"	Maintenance Hole (Sanitary)
MH	"	Maintenance Hole (Unidentified)
FH	"	Fire Hydrant
WV	"	Water Valve
CB	"	Catch Basin
AN	"	Anchor
LS	"	Light Standard
UP	"	Utility Pole
P&W	"	Post and Wire
CSP	"	Corrugated Steel Pipe
PPP	"	Plastic Pipe
TOS	"	Top of Slope
BOS	"	Bottom of Slope
+ 65.00	"	Location of Elevations
C/L	"	Centreline
———	"	Property Line
△ S	"	Sign
Ø	"	Diameter
Inv.	"	Invert
T/G	"	Top of Grate

SITE AREA = 104531 m^2

BOUNDARY INFORMATION COMPILED FROM PLANS 50R-6571, 4R-23556, 50R-7016, 50R-7016 & Registered Plan 4M-1357.

ELEVATION NOTES

1. Elevations shown are geodetic and are referred to the CGVD28 geodetic datum. derived from vertical control monument No. 0011985U510 having an elevation of 53.446metres.
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

UTILITY NOTES

1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Ontario Land Surveyors
ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com

Job No. 21034-20 Pt Lt31&32 CI OS T F | FS

BRIGIL PETRIE'S LANDING III - SITE

ZONE: EP
35,894 m²
386,360 ft²
8.9 ac.

ZONE: DR
80,756 m²
869,250 ft²
20,0 ac.

ZONE: O1
23,754 m²
255,686 ft²
5.8 ac.

PETRIE'S LANDING III
ORLEANS
OTTAWA, ON.

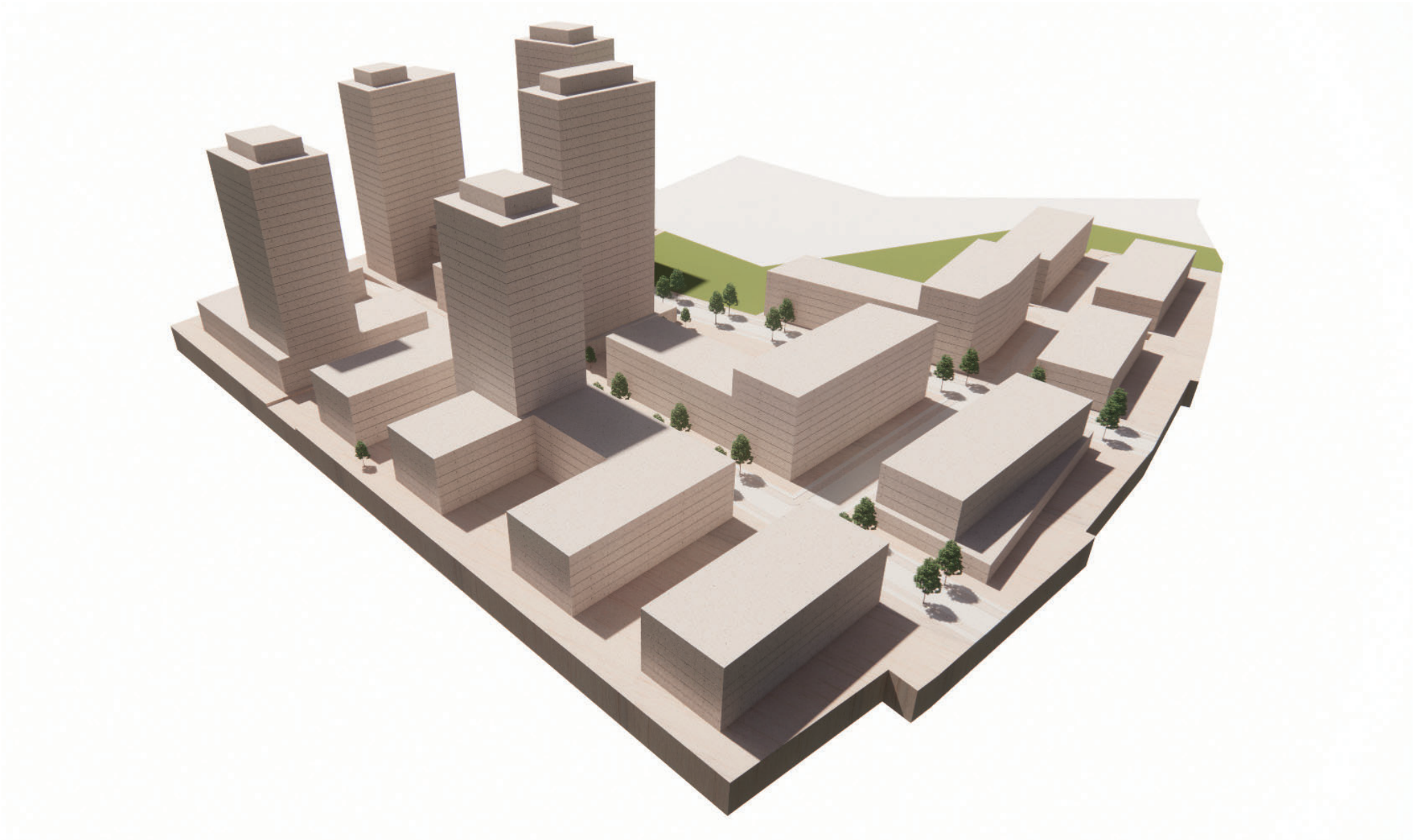
FIGURE
2020-06-22
1:2500

BRIGIL
"Proud to build a better quality of life"

Appendix B

Preliminary Concept for Development

PERSPECTIVE N.W.



Appendix C

Parcel Registers

From GeoWarehouse

GeoWarehouse®
POWERED BY TERANET

Ottawa

Suggest an address correction

Owner Name
3223701 CANADA INC.

Last Sale
$2,000,000
Feb 15, 2008

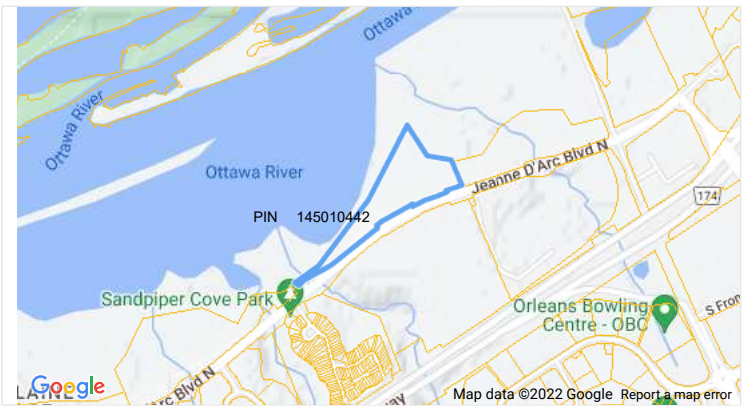
Lot Size
385,584 ft²
Area
4,019 ft
Perimeter
Measurements Available
(See Site & Structure)

Legal Description
PCL 31-2, SEC 50-1OSCUM ; PT LTS 31 & 32, CON 1OS , BEING THAT PART OF PART 1, 50R4537 LYING N OF PT 1 , 50R6571 ; S/T LT763306 CUMBERLAND

Property Details

GeoWarehouse Address OTTAWA	Ownership Type Freehold	Registration Type Certified (Land Titles)
Land Registry Office Ottawa-Carleton (04)	Land Registry Status Active	PIN 145010442
Owner Names 3223701 CANADA INC.	Property Type FARM	

Site & Structure



Lot Size

Area: 385,584.43 ft² (8.852 ac) Perimeter: 4,019.03 ft

Measurements: 31.90 ft x 66.56 ft x 250.14 ft x 400.80 ft x 45.34 ft x 45.34 ft x 17.24 ft x 56.90 ft x 56.90 ft x 56.90 ft x 56.90 ft x 56.90 ft x 56.90 ft x 17.20 ft x 59.13 ft x 59.13 ft x 59.13 ft x 50.05 ft x 73.14 ft x 20.48 ft x 140.59 ft x 226.48 ft x 200.49 ft x 304.09 ft x 690.78 ft x 672.49 ft x 249.14 ft

Lot Measurement Accuracy: LOW

Valuation & Sales

Sales History

Sale Date	Sale Amount	Type	Party To	Notes
Feb 15, 2008	$2,000,000	Transfer	6095186 CANADA INC.;	The following PINs were transferred together with the Subject Property : 145010443

HoodQ™

SCHOOLS
7 public & 7 Catholic schools serve this home. Of these, 13 have catchments. There are 3 private schools nearby.

PARKS & REC
3 playgrounds, 3 tennis courts and 6 other facilities are within a 20 min walk of this home.

TRANSIT
Street transit stop less than a 1 min walk away. Rail transit stop less than 1 km away.

powered by HoodQ

Demographics

Neighbourhood (NBH) | Community (COM) | City (CITY)

Neighbourhood: refers to the property's Dissemination Area as defined by Statistics Canada.

Community: refers to the property's Forward Sortation Area (FSA), the first 3 digits of the property's postal code.

City: refers to the property's Census Subdivision as defined by Statistics Canada.

For questions, please contact GeoWarehouse.support@teranet.ca

GeoWarehouse®
POWERED BY TERANET

Ottawa

Suggest an address correction

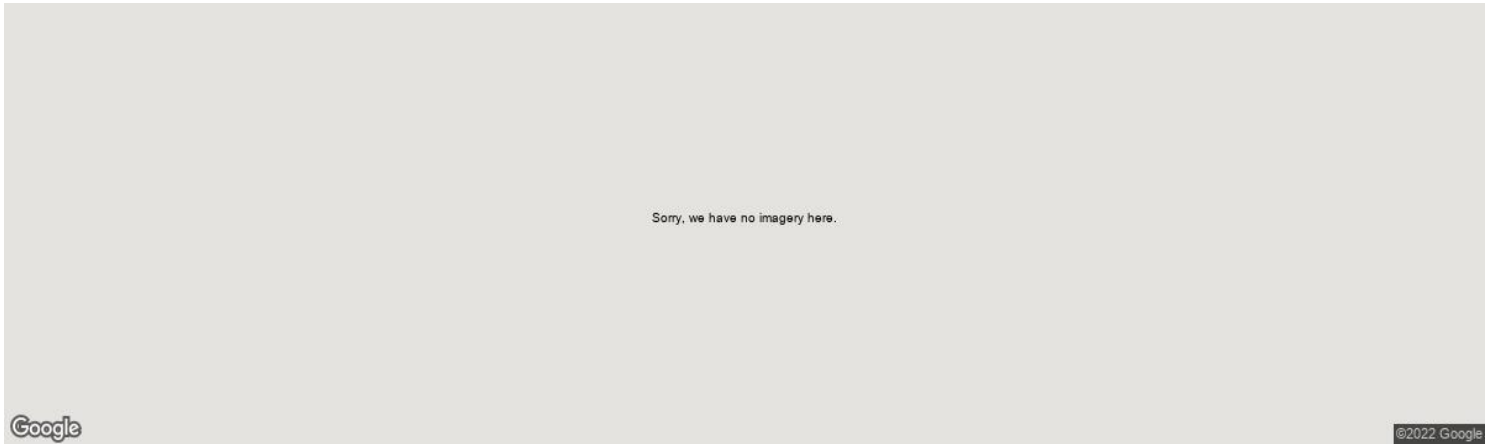
Owner Name
3223701 CANADA INC.

Last Sale
$2,000,000
Feb 15, 2008

Lot Size
1,119,284 ft²
Area
4,521 ft
Perimeter
Measurements Available
(See Site & Structure)

Legal Description
PCL 31-2, SEC 50-1OSCUM ; PT LTS 31 & 32, CON 1OS ; BEING THAT PART OF PART 1, 50R4537 LYING S OF PART 1 50R6571 EXCEPT PT 4 ON 50R7016 AND PART 1 ON EXPROPRIATION PLAN RLT50182 ; S/T LT763306 CUMBERLAND

Property Details



GeoWarehouse Address
OTTAWA

Ownership Type
Freehold

Registration Type
Certified (Land Titles)

Land Registry Office
Ottawa-Carleton (04)

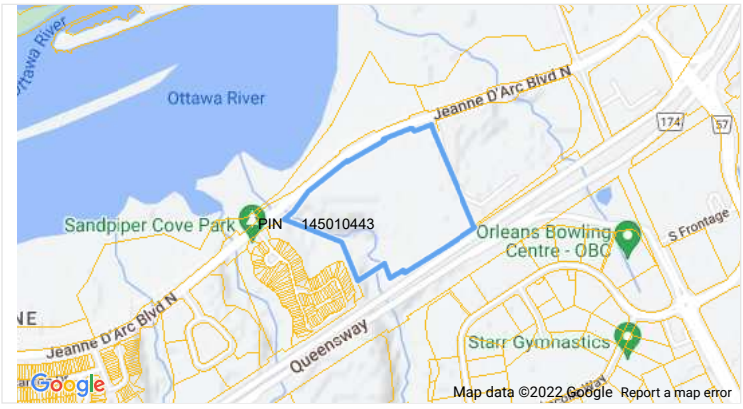
Land Registry Status
Active

PIN
145010443

Owner Names
3223701 CANADA INC.

Property Type
LAND

Site & Structure



Lot Size

Area: 1,119,284.14 ft² (25.695 ac) Perimeter: 4,521.00 ft

Measurements: 152.10 ft x 25.39 ft x 257.16 ft x 9.01 ft x 347.69 ft x 9.03 ft x 136.00 ft x 266.99 ft x 221.59 ft x 86.29 ft x 514.88 ft x 338.74 ft x 262.12 ft x 133.89 ft x 127.62 ft x 32.76 ft x 690.76 ft x 911.82 ft

Lot Measurement Accuracy: LOW

Valuation & Sales

Sales History

Sale Date	Sale Amount	Type	Party To	Notes
Feb 15, 2008	$2,000,000	Transfer	6095186 CANADA INC.;	The following PINs were transferred together with the Subject Property : 145010442

HoodQ™

SCHOOLS

7 public & 7 Catholic schools serve this home. Of these, 13 have catchments. There are 3 private schools nearby.

PARKS & REC

3 playgrounds, 3 tennis courts and 6 other facilities are within a 20 min walk of this home.

TRANSIT

Street transit stop less than a 1 min walk away. Rail transit stop less than 1 km away.

powered by HoodQ

Demographics

Neighbourhood (NBH) | Community (COM) | City (CITY)

Neighbourhood: refers to the property's Dissemination Area as defined by Statistics Canada.

Community: refers to the property's Forward Sortation Area (FSA), the first 3 digits of the property's postal code.

City: refers to the property's Census Subdivision as defined by Statistics Canada.

For questions, please contact GeoWarehouse.support@teranet.ca

Appendix D

Environmental Risk Information Systems (ERIS) database Search

DATABASE REPORT

Project Property:	*Phase One Environmental Site Assessment* *8599 & 8600 Jeanne d'Arc Boulevard North* *Orléans ON K4A 0S9*
Project No:	*LOP22-024*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22090100106*
Requested by:	*Lopers & Associates*
Date Completed:	*September 7, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One Environmental Site Assessment* *8599 & 8600 Jeanne d'Arc Boulevard North Orléans ON K4A 0S9*
Project No:	*LOP22-024*

Order Information:

Order No:	*22090100106*
Date Requested:	*September 1, 2022*
Requested by:	*Lopers & Associates*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*
Land Title Search	*Historical Land Title Search*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	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	6	6
CA	Certificates of Approval	Y	0	2	2
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	2	2
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	6	7
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	3	3
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
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	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	10	10
SPL	Ontario Spills	Y	0	0	0
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	2	3	5
	Total:		3	38	41

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		8600 Jeanne D'arc Blvd N Ottawa ON K4A0S9	SE/0.0	-0.02	20
2	WWIS		lot 31 con 1 ON ***Well ID:*** 1513167	E/0.0	0.21	20
3	WWIS		JEANNE D'ARC BLVD. N (60 M E OF PARKROSE PRVT.) lot 32 CITY OF OTTAWA ON ***Well ID:*** 7268068	WSW/0.0	-6.75	22

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	BORE		ON	SSE/13.8	0.15	25
5	BORE		ON	ESE/47.0	-0.07	25
6	BORE		ON	SSE/49.3	2.22	27
7	GEN	Campus Alphonse-Desjardins de La Cite	8700 blvd Jeanne d'Arc Orleans ON K4A0S9	E/89.7	-1.07	27
8	WWIS		JEANNE D'ARC BLVD N (85 W OF PARKROSE. PRVT.) CITY OF OTTAWA ON ***Well ID:*** 7268067	WSW/119.8	-6.87	28
9	PRT	MR GAS LIMITED ATTN LILIANNE LEVAC	815 TAYLOR CREEK RD ORLEANS ON K1C1T1	SE/142.3	3.30	30
9	SCT	THE STAR	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	30
9	SCT	L'EXPRESS	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	31
9	SCT	L'Express Inc.	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	31
9	SCT	Transcontinental Publications - The Star	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	31
9	SCT	Orleans Community Weekly Journal	815 Taylor Creek Rd Orleans ON K1C 1T1	SE/142.3	3.30	31
9	SCT	Weekly Journal - Div. of Transcontinental Media	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	31

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
9	SCT	The Weekly Journal	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	32
9	SCT	L'Express d'Orleans	815 Taylor Creek Dr Orleans ON K1C 1T1	SE/142.3	3.30	32
9	DTNK	MR GAS LIMITED **	815 TAYLOR CREEK RD ORLEANS ON K1C 1T1	SE/142.3	3.30	32
9	DTNK	MR GAS LIMITED **	815 TAYLOR CREEK RD ORLEANS ON	SE/142.3	3.30	33
10	BORE		ON	E/165.2	0.25	33
11	WWIS		lot 30 con 1 ON ***Well ID:*** 1513161	E/165.5	0.25	34
12	EHS		785 Taylor Creek Ottawa ON K1C 1T1	SSE/199.0	4.19	37
13	WWIS		N. SERVICE RD (190M W OF TRIM ROAD) lot 30 CITY OF OTTAWA ON ***Well ID:*** 7268069	ENE/203.0	-3.11	37
14	EHS		785 Taylor Creek Dr Ottawa ON K1C1T1	SSE/203.8	4.19	40
15	EHS		Vimont Court Orleans ON	ESE/206.3	2.10	40
16	BORE		ON	SSW/210.8	3.19	40
17	BORE		ON	SSW/214.0	3.19	41
18	EHS		8466 Jeanne d'Arc Boulevard North Orléans ON K4A 0N8	WSW/228.2	-4.10	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	EHS		865 Taylor Creek Drive Orleans ON K1C 1T1	ESE/239.4	2.18	42
19	EHS		865 Taylor Creek Drive Orléans ON K1C 1T1	ESE/239.4	2.18	42
20	SCT	P.E. RAIL & SON	860 TAYLOR CREEK DR ORLEANS ON K1C 1T1	ESE/244.5	3.27	42
20	SCT	P.E. Rail & Son Inc.	860 Taylor Creek Dr Orléans ON K1C 1T1	ESE/244.5	3.27	42
20	EBR	561618 Ontario Inc.	860 Taylor Creek Drive Ottawa K1C 1S9 CITY OF OTTAWA ON	ESE/244.5	3.27	43
20	GEN	Service et Construction Mobile LtUe	860 Taylor Creek Drive # 3 Orleans ON K1C 1T1	ESE/244.5	3.27	43
20	ECA	561618 Ontario Inc.	860 Taylor Creek Dr geographical Township of Cumberland Ottawa ON K1C 1T1	ESE/244.5	3.27	43
20	ECA	561618 Ontario Inc.	860 Taylor Creek Dr geographical Township of Cumberland Ottawa ON K1C 1S9	ESE/244.5	3.27	43
21	CA	2184341 Ontario Ltd.	790 Taylor Creek Dr Ottawa ON K1C 1T1	SE/244.9	4.19	44
21	CA	1562117 Ontario Inc.	790 Taylor Creek Drive Ottawa ON K1C 1T1	SE/244.9	4.19	44
21	ECA	2184341 Ontario Ltd.	790 Taylor Creek Dr Ottawa ON K1C 1T1	SE/244.9	4.19	44
21	ECA	1562117 Ontario Inc.	790 Taylor Creek Drive Ottawa ON K1J 8J4	SE/244.9	4.19	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	GEN	LeCompte Electric Inc.	790 Taylord Creek Drive Orleans ON K4A 0Z9	SE/244.9	4.19	45

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	13.8	4
	ON	47.0	5
	ON	49.3	6
	ON	165.2	10
	ON	210.8	16
	ON	214.0	17

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1562117 Ontario Inc.	790 Taylor Creek Drive Ottawa ON K1C 1T1	244.9	21
2184341 Ontario Ltd.	790 Taylor Creek Dr Ottawa ON K1C 1T1	244.9	21

Site	Address	Distance (m)	Map Key

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 2 DTNK site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MR GAS LIMITED **	815 TAYLOR CREEK RD ORLEANS ON	142.3	9
MR GAS LIMITED **	815 TAYLOR CREEK RD ORLEANS ON K1C 1T1	142.3	9

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Jul 31, 2022 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
561618 Ontario Inc.	860 Taylor Creek Drive Ottawa K1C 1S9 CITY OF OTTAWA ON	244.5	20

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2022 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
561618 Ontario Inc.	860 Taylor Creek Dr geographical Township of Cumberland Ottawa ON K1C 1S9	244.5	20
561618 Ontario Inc.	860 Taylor Creek Dr geographical Township of Cumberland Ottawa ON K1C 1T1	244.5	20
2184341 Ontario Ltd.	790 Taylor Creek Dr Ottawa ON K1C 1T1	244.9	21

Site	Address	Distance (m)	Map Key
1562117 Ontario Inc.	790 Taylor Creek Drive Ottawa ON K1J 8J4	244.9	21

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	8600 Jeanne D'arc Blvd N Ottawa ON K4A0S9	0.0	1
	785 Taylor Creek Ottawa ON K1C 1T1	199.0	12
	785 Taylor Creek Dr Ottawa ON K1C1T1	203.8	14
	Vimont Court Orleans ON	206.3	15
	8466 Jeanne d'Arc Boulevard North Orléans ON K4A 0N8	228.2	18
	865 Taylor Creek Drive Orleans ON K1C 1T1	239.4	19
	865 Taylor Creek Drive Orléans ON K1C 1T1	239.4	19

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2022 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Campus Alphonse-Desjardins de La Cite	8700 blvd Jeanne d'Arc Orleans ON K4A0S9	89.7	7
Service et Construction Mobile LtUe	860 Taylor Creek Drive # 3 Orleans ON K1C 1T1	244.5	20
LeCompte Electric Inc.	790 Taylord Creek Drive Orleans ON K4A 0Z9	244.9	21

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
MR GAS LIMITED ATTN LILIANNE LEVAC	815 TAYLOR CREEK RD ORLEANS ON K1C1T1	142.3	9

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 10 SCT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
THE STAR	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
L'Express d'Orleans	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
L'EXPRESS	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
Weekly Journal - Div. of Transcontinental Media	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9

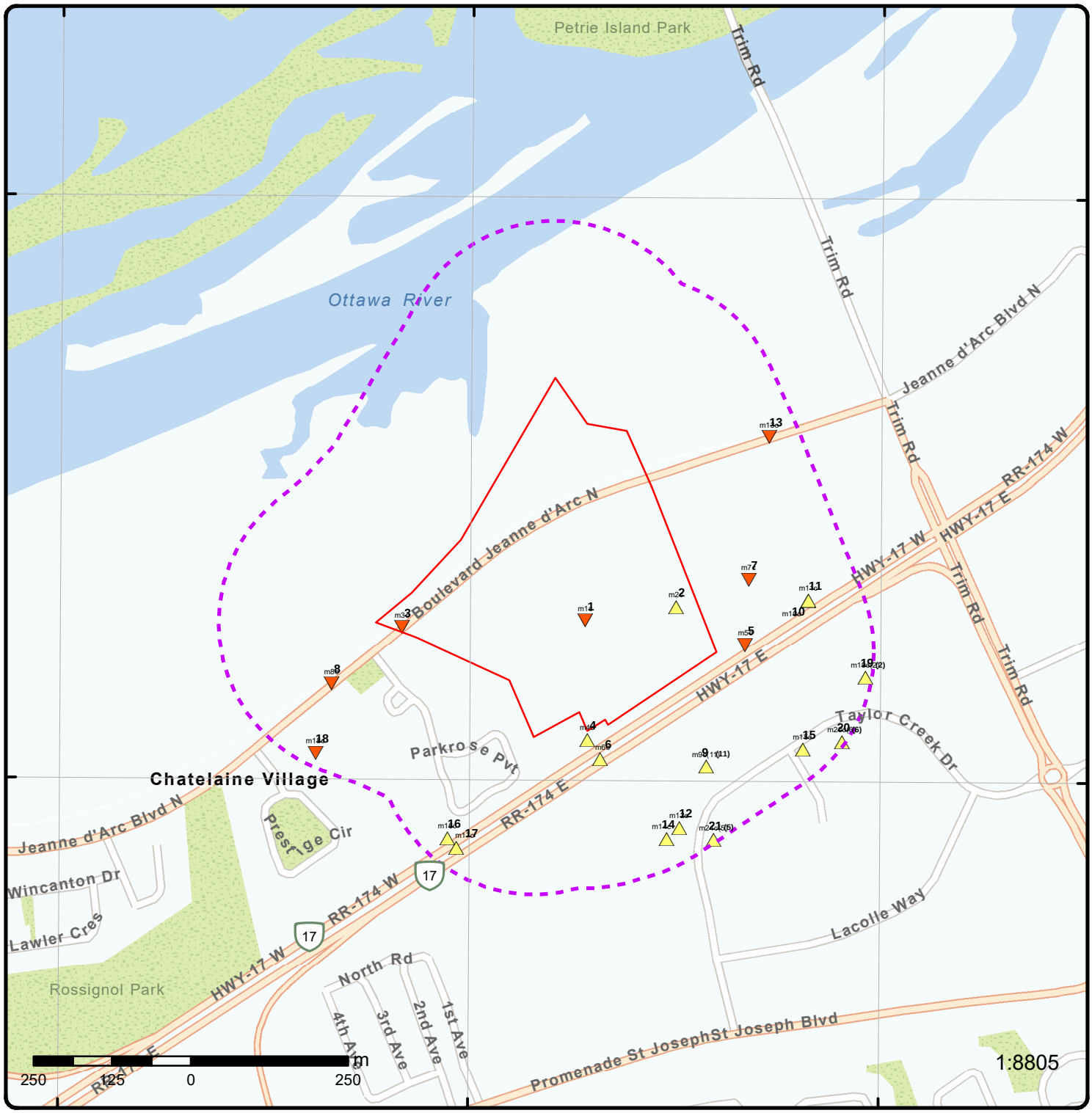
Site	Address	Distance (m)	Map Key
Orleans Community Weekly Journal	815 Taylor Creek Rd Orleans ON K1C 1T1	142.3	9
Transcontinental Publications - The Star	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
L'Express Inc.	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
The Weekly Journal	815 Taylor Creek Dr Orleans ON K1C 1T1	142.3	9
P.E. Rail & Son Inc.	860 Taylor Creek Dr Orléans ON K1C 1T1	244.5	20
P.E. RAIL & SON	860 TAYLOR CREEK DR ORLEANS ON K1C 1T1	244.5	20

WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 31 con 1 ON ***Well ID:*** 1513167	0.0	2
	JEANNE D'ARC BLVD. N (60 M E OF PARKROSE PRVT.) lot 32 CITY OF OTTAWA ON ***Well ID:*** 7268068	0.0	3
	JEANNE D'ARC BLVD N (85 W OF PARKROSE. PRVT.) CITY OF OTTAWA ON ***Well ID:*** 7268067	119.8	8
	lot 30 con 1 ON	165.5	11

Site	Address	Distance (m)	Map Key
	Well ID: 1513161		
	N. SERVICE RD (190M W OF TRIM ROAD) lot 30 CITY OF OTTAWA ON ***Well ID:*** 7268069	203.0	13

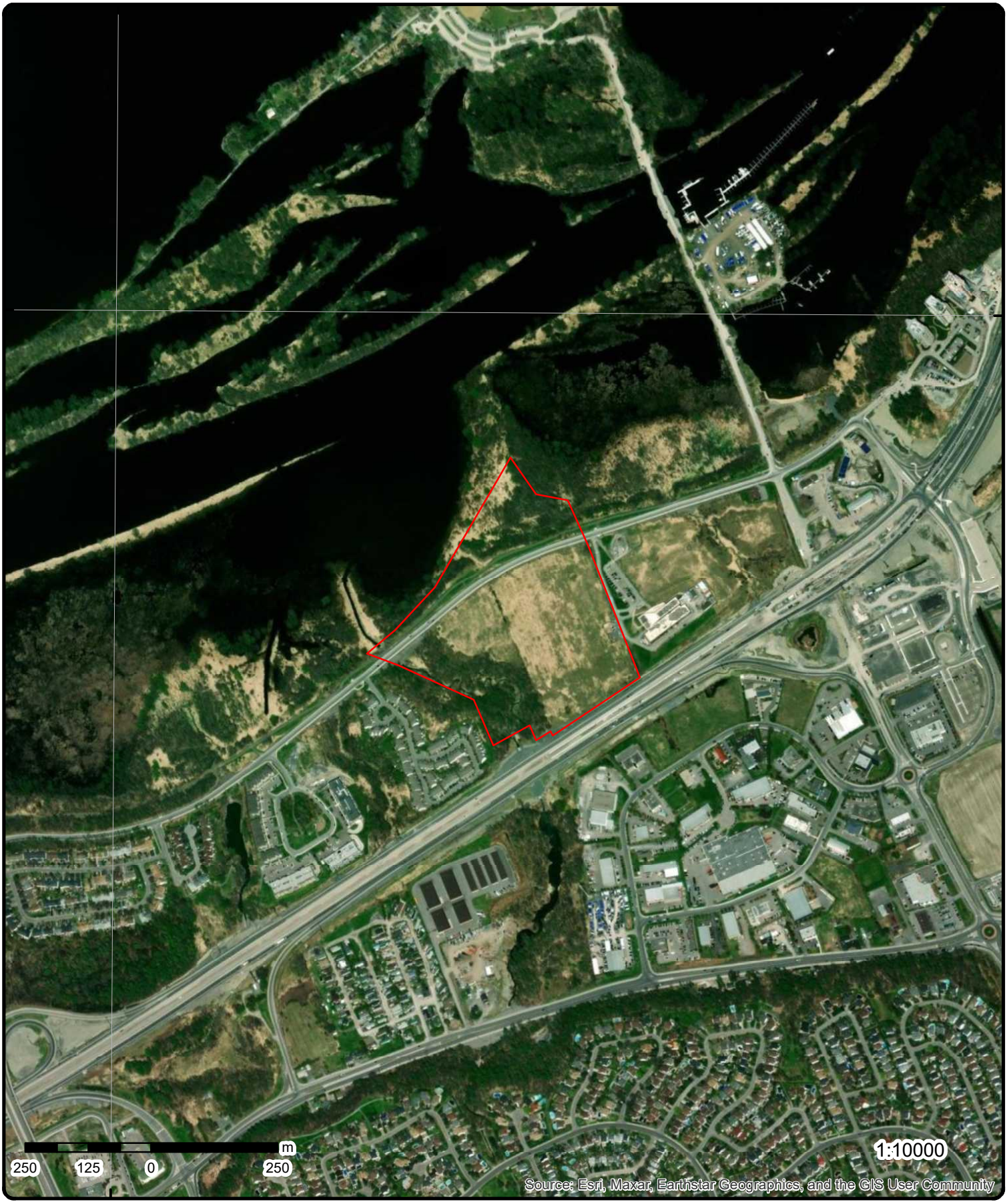


Map: 0.25 Kilometer Radius

Order Number: 22090100106

Address: 8599 & 8600 Jeanne d'Arc Boulevard North, Orléans, ON

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



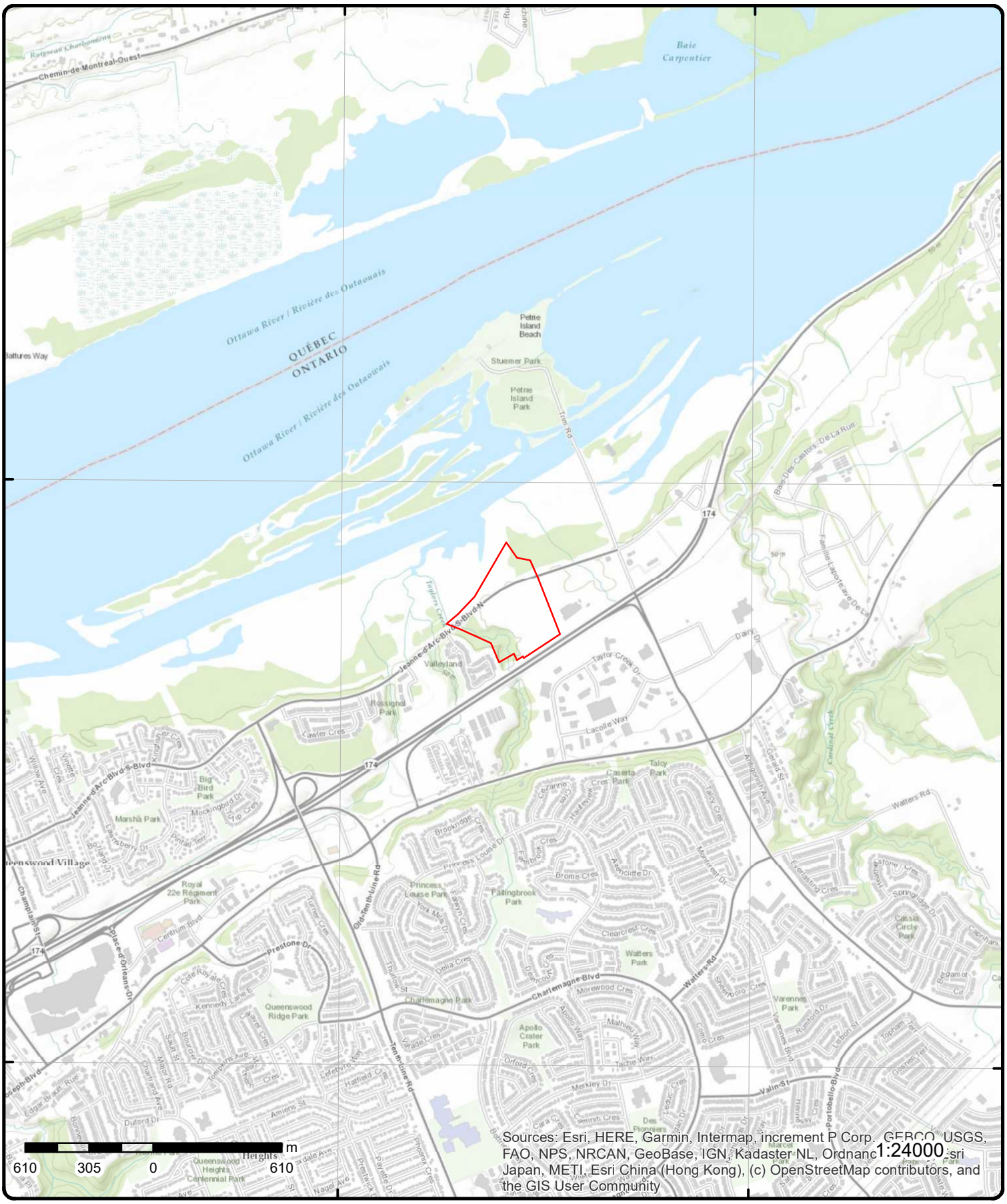
Aerial

Year: 2022

Order Number: 22090100106

Address: 8599 & 8600 Jeanne d'Arc Boulevard North, Orléans, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22090100106

Address: 8599 & 8600 Jeanne d'Arc Boulevard North, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SE/0.0	52.7 / -0.02	8600 Jeanne D'arc Blvd N Ottawa ON K4A0S9	EHS

Order No:	20150304066	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10-MAR-15	**Search Radius (km):**	.25
Date Received:	04-MAR-15	**X:**	-75.489321
Previous Site Name:		**Y:**	45.493955
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	E/0.0	52.9 / 0.21	lot 31 con 1 ON	WWIS

Well ID:	1513167	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	30-Nov-1965 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	031
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513167.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/10/14
Year Completed:	1965
Depth (m):	91.44
Latitude:	45.4941576742526
Longitude:	-75.487480203219
Path:	151\1513167.pdf

Bore Hole Information

Bore Hole ID:	10035155	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18

Code OB:		***East83:***	461910.80
Code OB Desc:		***North83:***	5037963.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	14-Oct-1965 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

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

Overburden and Bedrock Materials Interval

Formation ID:	931022583
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	290.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931022584
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	290.0
Formation End Depth:	300.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961513167
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583725
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930062291
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	300.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513167
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	80.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	7
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933468669
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	300.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10035155	***Tag No:***	
Depth M:	91.44	***Contractor:***	1504
Year Completed:	1965	***Path:***	151\1513167.pdf
Well Completed Dt:	1965/10/14	***Latitude:***	45.4941576742526
Audit No:		***Longitude:***	-75.487480203219

---

3 | ***1 of 1*** | ***WSW/0.0*** | ***46.0 / -6.75*** | ***JEANNE D'ARC BLVD. N (60 M E OF PARKROSE PRVT.) lot 32 CITY OF OTTAWA ON*** | ***WWIS***

Well ID:	7268068	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Abandoned-Other	***Date Received:***	02-Aug-2016 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z170979	***Contractor:***	7477
Tag:		***Form Version:***	7
Constructn Method:		***Owner:***	

Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	032
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CUMBERLAND TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268068.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/07/22
Year Completed: 2016
Depth (m):
Latitude: 45.4938457654204
Longitude: -75.4930422208762
Path: 726\7268068.pdf

Bore Hole Information

Bore Hole ID:	1006181521	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	461476.00
Code OB Desc:		**North83:**	5037931.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	22-Jul-2016 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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

Overburden and Bedrock Materials Interval

Formation ID: 1006189909
Layer:
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006189916
Layer: 1

Plug From: 0.0
Plug To: 0.44999998807907104
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006189917
Layer: 2
Plug From: 0.44999998807907104
Plug To: 11.270000457763672
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006189915
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006189908
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006189912
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 11.270000457763672
Casing Diameter: 0.75
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006189913
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006189911
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 7.869999885559082
Water Found Depth UOM: m

Hole Diameter

Hole ID:	1006189910
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006181521	***Tag No:***	
Depth M:		***Contractor:***	7477
Year Completed:	2016	***Path:***	726\7268068.pdf
Well Completed Dt:	2016/07/22	***Latitude:***	45.4938457654204
Audit No:	Z170979	***Longitude:***	-75.4930422208762

4 ***1 of 1*** ***SSE/13.8*** ***52.8 / 0.15*** ***ON*** ***BORE***

Borehole ID:	848182	***Inclin FLG:***	No
OGF ID:	215589829	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	17-FEB-1987	***Municipality:***	
Static Water Level:		***Lot:***	LOT 32
Primary Water Use:		***Township:***	CUMBERLAND
Sec. Water Use:		***Latitude DD:***	45.492251
Total Depth m:	25.3	***Longitude DD:***	-75.489266
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	461770
Drill Method:	Hollow stem auger	***Northing:***	5037752
Orig Ground Elev m:	44.5	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 20 metres
DEM Ground Elev m:	51.7		
Concession:	CON 1 FROM THE OTTAWA		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560184	***Mat Consistency:***	Very Soft
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	25.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:	Clay	***Geologic Group:***	
Material 3:	Silt	***Geologic Period:***	
Material 4:		***Depositional Gen:***	marine
Gsc Material Description:			
Stratum Description:	CI, WITH/SOME SAND, CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF, MARINE **Note: Many records provided by the department have a truncated [Stratum Description] field.		

5 ***1 of 1*** ***ESE/47.0*** ***52.6 / -0.07*** ***ON*** ***BORE***

Borehole ID:	616397	***Inclin FLG:***	No
OGF ID:	215517185	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No

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

Use:		**Primary Name:**	
Completion Date:	JUN-1955	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.493617
Total Depth m:	-999	**Longitude DD:**	-75.486068
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	462021
Drill Method:		**Northing:**	5037902
Orig Ground Elev m:	53.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	55.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403832	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Soil	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SOIL.		

Geology Stratum ID:	218403833	**Mat Consistency:**	
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Blue	**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. BLUE. VELOCITY = 900. UNSPECIFIED. SEISMIC VELOCITY = 6600. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 089050 NTS_Sheet: 31G06E		
Confiden 1:	Reliable information but incomplete.		

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
6	1 of 1	SSE/49.3	54.9 / 2.22	ON	BORE

Borehole ID: 848181
OGF ID: 215589828
Status: Decommissioned
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: 08-JAN-1987
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 11.9
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Hollow stem auger
Orig Ground Elev m: 56.7
Elev Reliabil Note:
DEM Ground Elev m: 56.2
Concession: CON 1 FROM THE OTTAWA
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot: LOT 32
Township: CUMBERLAND
Latitude DD: 45.491973
Longitude DD: -75.489007
UTM Zone: 18
Easting: 461790
Northing: 5037721
Location Accuracy:
Accuracy: Within 20 metres

Borehole Geology Stratum

Geology Stratum ID: 6560182
Top Depth: 0
Bottom Depth: 1.5
Material Color:
Material 1: Fill
Material 2: Sand
Material 3: Silt
Material 4: Clay
Gsc Material Description:
Stratum Description: SAND, SOME SILT, TRACE CLAY, COMPACT, FILL **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:

Geology Stratum ID: 6560183
Top Depth: 1.5
Bottom Depth: 11.9
Material Color:
Material 1: Fill
Material 2: Clay
Material 3: Silt
Material 4: Sand
Gsc Material Description:
Stratum Description: CLAY WITH SILT, TRACE SAND, FIRM TO VERY STIFF (FILL), OCC. SAND POCKETS **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	E/89.7	51.6 / -1.07	Campus Alphonse-Desjardins de La Cite 8700 blvd Jeanne d'Arc Orleans ON K4A0S9	GEN

Generator No: ON5925083
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada

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

Detail(s)

Waste Class: 145 I

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

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

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

---

8 | **1 of 1** | **WSW/119.8** | **45.8 / -6.87** | **JEANNE D'ARC BLVD N (85 W OF PARKROSE. PRVT.) CITY OF OTTAWA ON** | **WWIS**

Well ID: 7268067
Construction Date:
Use 1st: Monitoring
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z170978
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 02-Aug-2016 00:00:00
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 7477
Form Version: 7
Owner:
County: OTTAWA
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268067.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/07/22
Year Completed: 2016
Depth (m):
Latitude: 45.4930294966687
Longitude: -75.4944684890694
Path: 726\7268067.pdf

Bore Hole Information

Bore Hole ID: 1006181441
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 22-Jul-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 461364.00
North83: 5037841.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1006189899
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006189906
Layer:	1
Plug From:	0.0
Plug To:	0.44999998807907104
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006189907
Layer:	2
Plug From:	0.44999998807907104
Plug To:	12.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1006189905
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006189898
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006189902
Layer:	1
Material:	7
Open Hole or Material:	OTHER
Depth From:	0.0
Depth To:	12.0
Casing Diameter:	1.25
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006189903
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1006189901
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	4.900000095367432
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006189900
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1006181441	***Tag No:***	
Depth M:		***Contractor:***	7477
Year Completed:	2016	***Path:***	726\7268067.pdf
Well Completed Dt:	2016/07/22	***Latitude:***	45.4930294966687
Audit No:	Z170978	***Longitude:***	-75.4944684890694

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 11	SE/142.3	56.0 / 3.30	MR GAS LIMITED ATTN LILIANNE LEVAC 815 TAYLOR CREEK RD ORLEANS ON K1C1T1	PRT

Location ID:	10629
Type:	retail
Expiry Date:	1990-06-30
Capacity (L):	0
Licence #:	0010002003

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	2 of 11	SE/142.3	56.0 / 3.30	THE STAR 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established:	1986
Plant Size (ft²):	0
Employment:	20

--Details--

Description:	Newspaper Publishers
SIC/NAICS Code:	511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	3 of 11	SE/142.3	56.0 / 3.30	L'EXPRESS 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established: 1983
Plant Size (ft²): 1500
Employment: 7

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	4 of 11	SE/142.3	56.0 / 3.30	L'Express Inc. 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established: 1983
Plant Size (ft²): 1500
Employment: 7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	5 of 11	SE/142.3	56.0 / 3.30	Transcontinental Publications - The Star 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established: 1986
Plant Size (ft²):
Employment: 20

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	6 of 11	SE/142.3	56.0 / 3.30	Orleans Community Weekly Journal 815 Taylor Creek Rd Orleans ON K1C 1T1	SCT

Established: 1997
Plant Size (ft²):
Employment: 25

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	7 of 11	SE/142.3	56.0 / 3.30	Weekly Journal - Div. of Transcontinental Media 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established: 1997
Plant Size (ft²):
Employment: 25

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	8 of 11	SE/142.3	56.0 / 3.30	The Weekly Journal 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	9 of 11	SE/142.3	56.0 / 3.30	L'Express d'Orleans 815 Taylor Creek Dr Orleans ON K1C 1T1	SCT

Established:
Plant Size (ft²):
Employment:

--Details--
Description: Newspaper Publishers
SIC/NAICS Code: 511110

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	10 of 11	SE/142.3	56.0 / 3.30	MR GAS LIMITED ** 815 TAYLOR CREEK RD ORLEANS ON K1C 1T1	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 9453866
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:

Expired Date: 7/1/1990
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Original Source: EXP
Record Date: Up to May 2013

---

9 | **11 of 11** | **SE/142.3** | **56.0 / 3.30** | **MR GAS LIMITED ****
815 TAYLOR CREEK RD
ORLEANS ON | **DTNK**

Delisted Expired Fuel Safety Facilities

Instance No:	10451430	**Expired Date:**	
Status:	EXPIRED	**Max Hazard Rank:**	
Instance ID:	18793	**Facility Location:**	
Instance Type:	FS Highway Tank - Gas/Diesel	**Facility Type:**	
Instance Creation Dt:		**Fuel Type 2:**	
Instance Install Dt:		**Fuel Type 3:**	
Item Description:		**Panam Related:**	
Manufacturer:		**Panam Venue Nm:**	
Model:		**External Identifier:**	
Serial No:		**Item:**	
ULC Standard:		**Piping Steel:**	
Quantity:		**Piping Galvanized:**	
Unit of Measure:		**Tank Single Wall St:**	
Overfill Prot Type:		**Piping Underground:**	
Creation Date:		**Tank Underground:**	
Next Periodic Str DT:		**Source:**	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS HIGHWAY TANK - GASOLINE/DIESEL		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

---

10 | **1 of 1** | **E/165.2** | **53.0 / 0.25** | **ON** | **BORE**

Borehole ID:	616401	**Inclin FLG:**	No
OGF ID:	215517189	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUN-1955	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.494253
Total Depth m:	64	**Longitude DD:**	-75.484794
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	462121
Drill Method:		**Northing:**	5037972
Orig Ground Elev m:	52.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	54		
Concession:			
Location D:			
Survey D:			

Comments:

Borehole Geology Stratum

Geology Stratum ID:	218403840	***Mat Consistency:***	
Top Depth:	.6	***Material Moisture:***	
Bottom Depth:	64	***Material Texture:***	
Material Color:	Blue	***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. BLUE. TY = 900. UNSPECIFIED. SEISMIC VELOCITY = 6600. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218403839	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Soil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SOIL.		

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: 08909 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		

11	***1 of 1***	***E/165.5***	***53.0 / 0.25***	***lot 30 con 1 ON***	***WWIS***

Well ID:	1513161	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Livestock	***Data Entry Status:***	
Use 2nd:	Domestic	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	20-Jul-1955 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030

Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513161.pdf

Additional Detail(s) (Map)

Well Completed Date:	1955/06/23
Year Completed:	1955
Depth (m):	64.008
Latitude:	45.494259120365
Longitude:	-75.4847934120329
Path:	151\1513161.pdf

Bore Hole Information

Bore Hole ID:	10035149	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	462120.80
Code OB Desc:		**North83:**	5037973.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	23-Jun-1955 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931022571
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931022570
Layer:	1
Color:	
General Color:	

Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513161
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10583719
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062281
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 210.0
Casing Diameter: 1.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930062280
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12.0
Casing Diameter: 1.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991513161
Pump Set At:
Static Level: 2.0
Final Level After Pumping: 8.0
Recommended Pump Depth:
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1

Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933468663
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	210.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10035149	**Tag No:**	
Depth M:	64.008	**Contractor:**	1504
Year Completed:	1955	**Path:**	151\1513161.pdf
Well Completed Dt:	1955/06/23	**Latitude:**	45.494259120365
Audit No:		**Longitude:**	-75.4847934120329

---

12 | ***1 of 1*** | ***SSE/199.0*** | ***56.9 / 4.19*** | ***785 Taylor Creek Ottawa ON K1C 1T1*** | ***EHS***

Order No:	20070517001	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	5/28/2007	**Search Radius (km):**	0.25
Date Received:	5/17/2007	**X:**	-75.487387
Previous Site Name:		**Y:**	45.490999
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

---

13 | ***1 of 1*** | ***ENE/203.0*** | ***49.6 / -3.11*** | ***N. SERVICE RD (190M W OF TRIM ROAD) lot 30 CITY OF OTTAWA ON*** | ***WWIS***

Well ID:	7268069	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	02-Aug-2016 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z170980	**Contractor:**	7477
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA
Elevatn Reliabilty:		**Lot:**	030
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268069.pdf

Additional Detail(s) (Map)

Well Completed Date:	2016/07/22
Year Completed:	2016
Depth (m):	
Latitude:	45.4965959738846
Longitude:	-75.4856044386993
Path:	726\7268069.pdf

Bore Hole Information

Bore Hole ID:	1006181578	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	462059.00
Code OB Desc:		***North83:***	5038233.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	22-Jul-2016 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1006189919
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006189927
Layer:	2
Plug From:	0.44999998807907104
Plug To:	6.050000190734863
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006189926
Layer:	1
Plug From:	0.0
Plug To:	0.44999998807907104
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1006189925
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006189918
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006189922
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 6.050000190734863
Casing Diameter: 0.75
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006189923
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006189921
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 0.0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006189920
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1006181578 ***Tag No:***
Depth M: ***Contractor:*** 7477

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

Year Completed:	2016	**Path:**	726\7268069.pdf
Well Completed Dt:	2016/07/22	**Latitude:**	45.4965959738846
Audit No:	Z170980	**Longitude:**	-75.4856044386993

14 **1 of 1** **SSE/203.8** **56.9 / 4.19** **785 Taylor Creek Dr Ottawa ON K1C1T1** **EHS**

Order No:	20141121005	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	26-NOV-14	**Search Radius (km):**	.25
Date Received:	21-NOV-14	**X:**	-75.487639
Previous Site Name:		**Y:**	45.490841
Lot/Building Size:			
Additional Info Ordered:			

15 **1 of 1** **ESE/206.3** **54.8 / 2.10** **Vimont Court Orleans ON** **EHS**

Order No:	20060127035	**Nearest Intersection:**	Taylor Creek Drive
Status:	C	**Municipality:**	
Report Type:	Site Report	**Client Prov/State:**	ON
Report Date:	1/31/2006	**Search Radius (km):**	0.25
Date Received:	1/27/2006	**X:**	-75.484887
Previous Site Name:		**Y:**	45.492129
Lot/Building Size:			
Additional Info Ordered:	City Directory		

16 **1 of 1** **SSW/210.8** **55.9 / 3.19** **ON** **BORE**

Borehole ID:	848180	**Inclin FLG:**	No
OGF ID:	215589827	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	29-JUN-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 32
Primary Water Use:		**Township:**	CUMBERLAND
Sec. Water Use:		**Latitude DD:**	45.490834
Total Depth m:	6.7	**Longitude DD:**	-75.492095
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	461548
Drill Method:	Hollow stem auger	**Northing:**	5037596
Orig Ground Elev m:	50.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 20 metres
DEM Ground Elev m:	56		
Concession:	CON 1 FROM THE OTTAWA		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560181	**Mat Consistency:**	Very Soft
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	6.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	

Material 4:		**Depositional Gen:**	marine
Gsc Material Description:			
Stratum Description:	CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

17 | **1 of 1** | **SSW/214.0** | **55.9 / 3.19** | **ON** | **BORE**

Borehole ID:	848179	**Inclin FLG:**	No
OGF ID:	215589826	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	04-JUL-1988	**Municipality:**	
Static Water Level:		**Lot:**	LOT 32
Primary Water Use:		**Township:**	CUMBERLAND
Sec. Water Use:		**Latitude DD:**	45.4907
Total Depth m:	12.6	**Longitude DD:**	-75.491914
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	461562
Drill Method:	Hollow stem auger	**Northing:**	5037581
Orig Ground Elev m:	57.7	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 20 metres
DEM Ground Elev m:	57.3		
Concession:	CON 1 FROM THE OTTAWA		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560180	**Mat Consistency:**	Very Soft
Top Depth:	7.6	**Material Moisture:**	
Bottom Depth:	12.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	marine
Gsc Material Description:			
Stratum Description:	CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6560179	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	7.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Fill	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	PROBABLY SAND, PROBABLE CLAY (FILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

18 | **1 of 1** | **WSW/228.2** | **48.6 / -4.10** | **8466 Jeanne d'Arc Boulevard North Orléans ON K4A 0N8** | **EHS**

Order No:	20190614024	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	20-JUN-19	**Search Radius (km):**	.25
Date Received:	14-JUN-19	**X:**	-75.494786
Previous Site Name:		**Y:**	45.492037

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

Lot/Building Size:
Additional Info Ordered:

---

19 | ***1 of 2*** | ***ESE/239.4*** | ***54.9 / 2.18*** | ***865 Taylor Creek Drive Orleans ON K1C 1T1*** | ***EHS***

Order No:	20121214022	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	18-DEC-12	***Search Radius (km):***	.25
Date Received:	14-DEC-12	***X:***	-75.4835
Previous Site Name:		***Y:***	45.492919
Lot/Building Size:	1.53 acres		
Additional Info Ordered:			

---

19 | ***2 of 2*** | ***ESE/239.4*** | ***54.9 / 2.18*** | ***865 Taylor Creek Drive Orléans ON K1C 1T1*** | ***EHS***

Order No:	21031000029	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	15-MAR-21	***Search Radius (km):***	.25
Date Received:	10-MAR-21	***X:***	-75.4836258
Previous Site Name:		***Y:***	45.4931639
Lot/Building Size:			
Additional Info Ordered:			

---

20 | ***1 of 6*** | ***ESE/244.5*** | ***56.0 / 3.27*** | ***P.E. RAIL & SON 860 TAYLOR CREEK DR ORLEANS ON K1C 1T1*** | ***SCT***

Established: 1974
Plant Size (ft²): 10000
Employment: 8

--Details--
Description: FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3499

Description: SHEET METAL WORK
SIC/NAICS Code: 3444

---

20 | ***2 of 6*** | ***ESE/244.5*** | ***56.0 / 3.27*** | ***P.E. Rail & Son Inc. 860 Taylor Creek Dr Orléans ON K1C 1T1*** | ***SCT***

Established: 01-AUG-74
Plant Size (ft²): 10000
Employment:

--Details--
Description: Iron and Steel Mills and Ferro-Alloy Manufacturing
SIC/NAICS Code: 331110

Description: Other Ornamental and Architectural Metal Product Manufacturing
SIC/NAICS Code: 332329

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	3 of 6	ESE/244.5	56.0 / 3.27	561618 Ontario Inc. 860 Taylor Creek Drive Ottawa K1C 1S9 CITY OF OTTAWA ON	EBR

EBR Registry No: 011-1612
Ministry Ref No: 6219-8A9JLQ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: May 23, 2013
Proposal Date: November 05, 2010
Year: 2010
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Off Instrument Name:
Posted By:
Company Name: 561618 Ontario Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 860 Taylor Creek Drive, Ottawa Ontario, Canada K1C 1S9
Comment Period:
URL:

Site Location Details:

860 Taylor Creek Drive Ottawa K1C 1S9 CITY OF OTTAWA

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	4 of 6	ESE/244.5	56.0 / 3.27	Service et Construction Mobile LtUe 860 Taylor Creek Drive # 3 Orleans ON K1C 1T1	GEN

Generator No: ON7114169
SIC Code: 454310
SIC Description: Fuel Dealers
Approval Years: 2009
PO Box No:
Country:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	5 of 6	ESE/244.5	56.0 / 3.27	561618 Ontario Inc. 860 Taylor Creek Dr geographical Township of Cumberland Ottawa ON K1C 1T1	ECA

Approval No: 4858-8W9LSH
Approval Date: 5/17/13
Status: Approved
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type: Air/Noise
Business Name:
Address:
Full Address:
Full PDF Link:
PDF Site Location:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	6 of 6	ESE/244.5	56.0 / 3.27	561618 Ontario Inc. 860 Taylor Creek Dr geographical Township of	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Cumberland **Ottawa ON K1C 1S9**	

Approval No: 4858-8W9LSH
Approval Date: 2013-05-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-AIR
Project Type: AIR
Business Name: 561618 Ontario Inc.
Address: 860 Taylor Creek Dr geographical Township of Cumberland
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6219-8A9JLQ-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.48385
Latitude: 45.492104
Geometry X:
Geometry Y:

21	1 of 5	SE/244.9	56.9 / 4.19	**2184341 Ontario Ltd.** **790 Taylor Creek Dr** **Ottawa ON K1C 1T1**	CA

Certificate #: 3380-7RCG67
Application Year: 2009
Issue Date: 5/5/2009
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

21	2 of 5	SE/244.9	56.9 / 4.19	**1562117 Ontario Inc.** **790 Taylor Creek Drive** **Ottawa ON K1C 1T1**	CA

Certificate #: 8907-63SQGY
Application Year: 2004
Issue Date: 8/20/2004
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

21	3 of 5	SE/244.9	56.9 / 4.19	**2184341 Ontario Ltd.** **790 Taylor Creek Dr** **Ottawa ON K1C 1T1**	ECA

Approval No: 3380-7RCG67
Approval Date: 2009-05-05
Status: Approved
Record Type: ECA
MOE District: Ottawa
City:
Longitude: -75.4863
Latitude: 45.490772

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

Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: 2184341 Ontario Ltd.
Address: 790 Taylor Creek Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2967-7QVLTW-14.pdf
PDF Site Location:
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	4 of 5	SE/244.9	56.9 / 4.19	1562117 Ontario Inc. 790 Taylor Creek Drive Ottawa ON K1J 8J4	ECA

Approval No: 8907-63SQGY
Approval Date: 2004-08-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: 1562117 Ontario Inc.
Address: 790 Taylor Creek Drive
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4604-63BS9V-14.pdf
PDF Site Location:
MOE District: Ottawa
City:
Longitude: -75.4863
Latitude: 45.490772
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	5 of 5	SE/244.9	56.9 / 4.19	LeCompte Electric Inc. 790 Taylord Creek Drive Orleans ON K4A 0Z9	GEN

Generator No: ON3634705
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 243 D
Waste Class Desc: PCB

Unplottable Summary

Total: 53 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	3475140 Canada Inc.		Ottawa ON	
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	1332495 Ontario Inc.	Taylor Creek Drive	Ottawa ON	
CA	3475140 Canada Inc.	Ward 1, Part of Block 2, RP 4M	Ottawa ON	
CA	3475140 Canada Inc.	Ward 1, Part of Block 2, RP 4M	Ottawa ON	
CA	TENTH LINE DEVELOPMENT INC.	RIVERWALK SUBD/ST.1/N.SERV.RD.	CUMBERLAND TWP. ON	
CA	Regional Municipality of Ottawa-Carleton	JEANNE D'ARC BLVD.	CUMBERLAND TWP. ON	
CA	ROYAL CANADIAN LEGION BRANCH 632-ORLEANS	TAYLOR CREEK BLVD./LOTS 30-32	CUMBERLAND TWP. ON	
CA	MR. GAS PROPERTIES INC.-TAYLOR CREEK BUS	STORMWATER MANAGEMENT	CUMBERLAND TWP. ON	
EBR	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1	OTTAWA ON	
FCON	Mr. Gas		Orleans ON	
GEN	Habitat for Humanity	Jeanne d'Arc Blvd North	ottawa ON	K1C 2R4
PRT	MINISTRY OF TRANSPORTATION	LOT 30 CON 1	CUMBERLAND TWP ON	
PTTW	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA	ON	
SPL	City of Ottawa	Jeanne D'arc Blvd, westbound on-ramp	Ottawa ON	
SPL	TRANSPORT TRUCK	AT THE MR. GAS SERVICE STATION ON HWY. 17 AT TRIM RD. IN ORLEANS MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON	

SPL	CONTRACTOR	HIGHWAY 17 CONSTRUCTION SITE MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON
SPL	CONSUMERS GAS	HWY 17 NATURAL GAS PIPELINE	CUMBERLAND TWP. ON
SPL	ONTARIO HYDRO	HWY 17 EAST OF CUMBERLAND STA. (WEST LANE) MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TWP. ON
WWIS		lot 30 con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		lot 32	ON
WWIS		lot 31	ON
WWIS		lot 30	ON
WWIS		lot 33	ON
WWIS		lot 32	ON
WWIS		lot 30 con 1	ON
WWIS		lot 30 con 1	ON
WWIS		lot 30 con 1	ON
WWIS		lot 30 con 1	ON
WWIS		con 1	ON
WWIS		lot 33	ON

WWIS	lot 31	ON
WWIS	lot 31 con 1	ON
WWIS	lot 32	ON
WWIS	lot 32 con 1	ON
WWIS	lot 31 con 1	ON
WWIS	lot 31 con 1	ON
WWIS	lot 31	ON
WWIS	lot 30	ON
WWIS	lot 31	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	lot 31	ON
WWIS	con 1	ON
WWIS	con 1	ON

Unplottable Report

Site: ***3475140 Canada Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3011-87JGZJ
Application Year: 2010
Issue Date: 9/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Larco Land Corporation***
Part of Lot 32, Concession 1, Ottawa Front Ottawa ON

Database: ***CA***

Certificate #: 6996-5F5HDF
Application Year: 2002
Issue Date: 10/22/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***1332495 Ontario Inc.***
Taylor Creek Drive Ottawa ON

Database: ***CA***

Certificate #: 1138-5TAQKA
Application Year: 2003
Issue Date: 12/4/2003
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***3475140 Canada Inc.***
Ward 1, Part of Block 2, RP 4M Ottawa ON

Database: ***CA***

Certificate #: 1683-87KNNV

Application Year: 2010
Issue Date: 7/21/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***3475140 Canada Inc.***
Ward 1, Part of Block 2, RP 4M Ottawa ON

Database: ***CA***

Certificate #: 8833-84WGMV
Application Year: 2010
Issue Date: 4/30/2010
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TENTH LINE DEVELOPMENT INC.***
RIVERWALK SUBD/ST.1/N.SERV.RD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 7-0546-95-
Application Year: 95
Issue Date: 6/27/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Regional Municipality of Ottawa-Carleton***
JEANNE D'ARC BLVD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1384-92-
Application Year: 92
Issue Date: 10/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ROYAL CANADIAN LEGION BRANCH 632-ORLEANS***
TAYLOR CREEK BLVD./LOTS 30-32 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-2237-90-
Application Year: 90
Issue Date: 3/27/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MR. GAS PROPERTIES INC.-TAYLOR CREEK BUS***
STORMWATER MANAGEMENT CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1604-90-
Application Year: 90
Issue Date: 1/29/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***3223701 Canada Inc.***
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument Proposal
Notice Stage:
Notice Date:
Proposal Date: November 22, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to take water
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: ***Mr. Gas***
Orleans ON

Database: ***FCON***

Mailing Address: Orleans, ON
Offence Date: 89/07/09-89/07/13
Offence: CEPA Gasoline Regulations 4 counts: High lead content
Status: Concluded
Offence Location:
Date Charged: 89/11/13
Court Date: 90/03/12
Penalty:
Result: Charges Withdrawn
Notes: Lab used analyses method different from regulatory requirements

---

Site: ***Habitat for Humanity***
Jeanne d'Arc Blvd North ottawa ON K1C 2R4

Database: ***GEN***

Generator No: ON6838717
SIC Code: 624220
SIC Description: 624220
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin: james r smith
Choice of Contact: CO_ADMIN
Phone No Admin: 6137452444 Ext.241
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: ***MINISTRY OF TRANSPORTATION***
LOT 30 CON 1 CUMBERLAND TWP ON

Database: ***PRT***

Location ID: 3686
Type: private
Expiry Date:
Capacity (L): 27280.00
Licence #: 0001011683

Site: ***3223701 Canada Inc.***
Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument\sDecision
Notice Stage:
Notice Date: June\s10,\s2014
Proposal Date: November\s22,\s2013
Year: 2013
Instrument Type: (OWRA\ss.\s34)\s-\sPermit\sto\sTake\sWater
Off Instrument Name:
Posted By:
Company Name: 3223701\sCanada\sInc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 98\sLois\sStreet,\sGatineau\sQuebec,\sCanada\sJ8Y\s3R7
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: ***City of Ottawa***

Database:

Jeanne D'arc Blvd, westbound on-ramp Ottawa ON **SPL**

Ref No:	7273-7DQGC7	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	24	***Nearest Watercourse:***	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/15/2008	***Site Map Datum:***	
Dt Document Closed:	4/18/2008	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	OC Transpo Bus spill<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC-Transpo -10L glycol to road/sewer		
Contaminant Qty:	10 L		

Site: ***TRANSPORT TRUCK***
AT THE MR. GAS SERVICE STATION ON HWY. 17 AT TRIM RD. IN ORLEANS MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	166790	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/20/1999	***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:	CONFIRMED	***Site Municipality:***	20601
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/20/1999	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MULTI MARQUES - 200 L OF DIESEL FUEL TO GROUND & SEWER FROM TRUCK.		
Contaminant Qty:			

Site: ***CONTRACTOR***
HIGHWAY 17 CONSTRUCTION SITE MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	91870	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/30/1993	***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:	NOT ANTICIPATED	***Site Municipality:***	20601
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MTO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/30/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CONTRACTOR: 45 L HYDRAULIC OIL TO GROUND FROM PAVER		
Contaminant Qty:			

Site: ***CONSUMERS GAS***
HWY 17 NATURAL GAS PIPELINE CUMBERLAND TWP. ON

Database: ***SPL***

Ref No:	39641	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/23/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE 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:***	20601
Nature of Impact:	Human health	***Site Lot:***	
Receiving Medium:	AIR	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/23/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CONSUMERS GAS-PIPELINE RUPTURE.		
Contaminant Qty:			

Site: ***ONTARIO HYDRO***
HWY 17 EAST OF CUMBERLAND STA. (WEST LANE) MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TWP. ON

Database: ***SPL***

Ref No:	39231	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/14/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE 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:	NOT ANTICIPATED	***Site Municipality:***	20601

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:	8/14/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OVERSTRESS/OVERPRESSURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ONTARIO HYDRO - 25 L HYDRAULIC OIL TO GROUND; BROKEN HOSE ON VEHICLE.		
Contaminant Qty:			

Site:
lot 30 con 1 ON

Database: ***WWIS***

Well ID:	1519983	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	22-Oct-1985 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4550
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041833	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	22-Jun-1985 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931043357
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN

Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043358
Layer: 2
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933108953
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519983
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590403
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073036
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 68.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073035

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519983
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 65.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934904368
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110265
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654420
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376230
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933477105
Layer: 1

Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1519590	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	15-May-1985 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041460	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	25-Apr-1985 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931042148
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	87.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931042147
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519590
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590030
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072399
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519590
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 35.0
Recommended Pump Depth: 75.0
Pumping Rate: 23.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934653793
Test Type: Draw Down

Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109223
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894136
Test Type: Draw Down
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383814
Test Type: Draw Down
Test Duration: 30
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933476630
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1516886
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 22-Jan-1979 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10038776
Elevation:

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Dec-1978 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931033463
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 263.0
Formation End Depth: 275.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033460
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 155.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033461
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Mat2 Desc: STICKY
Mat3:
Mat3 Desc:
Formation Top Depth: 165.0
Formation End Depth: 230.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931033462
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	230.0
Formation End Depth:	263.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931033459
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	86
Mat2 Desc:	STICKY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	155.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961516886
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10587346
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930068050
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	263.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930068051

Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 275.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991516886
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 30.0
Recommended Pump Depth:
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934643116
Test Type:
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102445
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382027
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933473265
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 273.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1520007	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	Livestock	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	16-Oct-1985 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041857	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	01-Aug-1985 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931043442
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931043441
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043443
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520007
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590427
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073080
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520007
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 10.0
Recommended Pump Depth:
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:

Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934110289
Test Type: Draw Down
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376254
Test Type: Draw Down
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654444
Test Type: Draw Down
Test Duration: 45
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904392
Test Type: Draw Down
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Water Details

Water ID: 933477129
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 23.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1521092
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02-Jan-1987 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OS
Easting NAD83:

Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042929
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 27-Oct-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931046801
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 274.0
Formation End Depth: 287.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046800
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 274.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046799
Layer: 1
Color: 5
General Color: YELLOW

Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046802
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 287.0
Formation End Depth: 289.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046803
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 289.0
Formation End Depth: 296.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521092
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591499
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074929
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:
Depth To: 296.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074928
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 291.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521092
Pump Set At:
Static Level: 15.0
Final Level After Pumping:
Recommended Pump Depth: 30.0
Pumping Rate: 150.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934650632
Test Type: Recovery
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908279
Test Type: Recovery
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105381
Test Type: Recovery
Test Duration: 15
Test Level: 21.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389619

Test Type: Recovery
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933478542
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 296.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1521098
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02-Jan-1987 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OS
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042935
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 13-Nov-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931046821
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 15

Mat2 Desc: LIMESTONE
Mat3: 71
Mat3 Desc: FRACTURED
Formation Top Depth: 0.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046822
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 305.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521098
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591505
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074939
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074940
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 305.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521098
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 305.0
Recommended Pump Depth: 290.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389625
Test Type: Recovery
Test Duration: 30
Test Level: 221.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650638
Test Type: Recovery
Test Duration: 45
Test Level: 176.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105387
Test Type: Recovery
Test Duration: 15
Test Level: 264.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908285
Test Type: Recovery
Test Duration: 60
Test Level: 137.0
Test Level UOM: ft

Water Details

Water ID: 933478551
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 305.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1521838
Construction Date:

Flowing (Y/N):
Flow Rate:

Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	22-Oct-1987 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	NA	***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10043651	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	15-Sep-1987 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931049328
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	44.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931049325
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049326
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049327
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 44.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521838
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10592221
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076269
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930076270
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521838
Pump Set At:	
Static Level:	33.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	55.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934653375
Test Type:	Recovery
Test Duration:	45
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934910606
Test Type:	Recovery
Test Duration:	60
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934108132
Test Type:	Recovery
Test Duration:	15
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934391256
Test Type:	Recovery
Test Duration:	30
Test Level:	33.0
Test Level UOM:	ft

Water Details

Water ID:	933479545
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Site: ***Database:***
con 1 ON ***WWIS***

Well ID:	1522679	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	19-Oct-1988 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	13183	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10044489	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	27-Sep-1988 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931052254
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	29.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052255
Layer: 2
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522679
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593059
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077802
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522679
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 36.0
Recommended Pump Depth: 40.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111009
Test Type: Draw Down
Test Duration: 15
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656229
Test Type: Draw Down
Test Duration: 45
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905046
Test Type: Draw Down
Test Duration: 60
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386853
Test Type: Draw Down
Test Duration: 30
Test Level: 36.0
Test Level UOM: ft

Water Details

Water ID: 933480652
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1515223
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03-Mar-1976 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10037182	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	24-Jul-1975 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931028586
Layer:	2
Color:	2
General Color:	GREY
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	115.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028587
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	115.0
Formation End Depth:	125.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028588
Layer:	4
Color:	2
General Color:	GREY
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 125.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931028585
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961515223
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10585752
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065662
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515223
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 90.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934375961
Test Type: Recovery
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100039
Test Type: Recovery
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934646262
Test Type: Recovery
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894968
Test Type: Recovery
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933471248
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1536399
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z34812
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 19-Jun-2006 00:00:00
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 6964
Form Version: 3
Owner:
County: OTTAWA
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Clear/Cloudy:
Municipality: 15000
Site Info:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550465
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06-May-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 933057971
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.7699999809265137
Formation End Depth: 4.869999885559082
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933057970
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.7699999809265137
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293796
Layer: 1
Plug From: 0.0
Plug To: 0.5
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293797
Layer: 2
Plug From: 0.5
Plug To: 4.869999885559082
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961536399
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11560072
Casing No: 1
Comment:
Alt Name:

Site:
lot 31 ON

Database: ***WWIS***

Well ID: 1534734
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 265833
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10-Jun-2004 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
County: OTTAWA
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097509
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 31-May-2004 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID:	932942463
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961534734
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	

Pipe Information

Pipe ID:	11101224
Casing No:	1
Comment:	
Alt Name:	

Results of Well Yield Testing

Pump Test ID:	991534734
Pump Set At:	
Static Level:	8.0
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

Site:
lot 30 ON

Database: ***WWIS***

Well ID:	1533587	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	31-Mar-2003 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	253940	***Contractor:***	6574
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA

Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10537421	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	20-Mar-2003 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932905286
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	98.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932905284
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932905287
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 140.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932905285
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933236155
Layer: 1
Plug From: 0.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533587
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11085991
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097269
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 116.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097268
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933385346
Layer: 1
Slot: 012
Screen Top Depth: 116.0
Screen End Depth: 120.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 3.0

Results of Well Yield Testing

Pump Test ID: 991533587
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 115.0
Recommended Pump Depth: 115.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934395588
Test Type: Draw Down
Test Duration: 30
Test Level: 115.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934912995
Test Type: Draw Down
Test Duration: 60
Test Level: 115.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934120734

Test Type: Draw Down
Test Duration: 15
Test Level: 115.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934664868
Test Type: Draw Down
Test Duration: 45
Test Level: 115.0
Test Level UOM: ft

Water Details

Water ID: 934030907
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120.0
Water Found Depth UOM: ft

Site:
lot 33 ON

Database:
WWIS

Well ID: 1531882
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 223383
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04-May-2001 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA
Lot: 033
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053416
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Apr-2001 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931079806
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 165.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079804
Layer: 2
Color: 2
General Color: GREY
Mat1: 29
Most Common Material: FINE GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 10.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079805
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079803
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID:	933117017
Layer:	1
Plug From:	0.0
Plug To:	40.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531882
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10601986
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930093614
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930093613
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531882
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	165.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2

Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934915542
Test Type: Recovery
Test Duration: 60
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114656
Test Type: Recovery
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934398828
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659209
Test Type: Recovery
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933492491
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 168.0
Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1531568
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Dewatering
Water Type:
Casing Material:
Audit No: 224542
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 17-Nov-2000 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053102
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06-Nov-2000 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931078874
Layer: 2
Color: 6
General Color: BROWN
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 3.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078875
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 34
Mat3 Desc: TILL
Formation Top Depth: 12.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078873
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11

Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078876
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116739
Layer: 1
Plug From: 0.0
Plug To: 15.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531568
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601672
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093001
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093000
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 10.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092999
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531568
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 10.0
Recommended Pump Depth: 20.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934397184
Test Type: Recovery
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915010
Test Type: Recovery
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934113985
Test Type: Recovery
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934658119
Test Type:	Recovery
Test Duration:	45
Test Level:	10.0
Test Level UOM:	ft

Water Details

Water ID:	933492078
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	22.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933492077
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	17.0
Water Found Depth UOM:	ft

Site:

lot 30 con 1 ON

Database: ***WWIS***

Well ID:	1529983	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Test Hole	***Date Received:***	14-Apr-1998 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	174819	***Contractor:***	6964
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10051518	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05-Dec-1997 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931074102
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115096
Layer: 1
Plug From: 0.0
Plug To: 5.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115098
Layer: 3
Plug From: 6.0
Plug To: 12.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115097
Layer: 2
Plug From: 5.0
Plug To: 6.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529983
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10600088
Casing No: 1
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 933326774
Layer: 1
Slot: 040
Screen Top Depth: 7.0
Screen End Depth: 12.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Results of Well Yield Testing

Pump Test ID: 991529983
Pump Set At:
Static Level: 4.0
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

Site:
lot 30 con 1 ON

Database: ***WWIS***

Well ID: 1529982
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 174837
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 14-Apr-1998 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6964
Form Version: 1
Owner:
County: OTTAWA
Lot: 030
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051517
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Dec-1997 00:00:00
Remarks:
Elevrc Desc:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931074101
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115093
Layer: 1
Plug From: 0.0
Plug To: 8.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115094
Layer: 2
Plug From: 8.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115095
Layer: 3
Plug From: 9.0
Plug To: 15.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529982
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10600087
Casing No: 1
Comment:
Alt Name:

Construction Record - Screen

Screen ID:	933326773
Layer:	1
Slot:	040
Screen Top Depth:	10.0
Screen End Depth:	15.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Results of Well Yield Testing

Pump Test ID:	991529982
Pump Set At:	
Static Level:	4.0
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

Site:
lot 30 con 1 ON

Database:
WWIS

Well ID:	1529981	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Test Hole	***Date Received:***	14-Apr-1998 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	174834	***Contractor:***	6964
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10051516	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05-Dec-1997 00:00:00	***UTMRC Desc:***	unknown UTM

Remarks: ***Location Method:*** na
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931074100
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115091
Layer: 2
Plug From: 8.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115092
Layer: 3
Plug From: 9.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115090
Layer: 1
Plug From: 0.0
Plug To: 8.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529981
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10600086
Casing No: 1

Comment:
Alt Name:

Construction Record - Screen

Screen ID:	933326772
Layer:	1
Slot:	040
Screen Top Depth:	10.0
Screen End Depth:	15.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Results of Well Yield Testing

Pump Test ID:	991529981
Pump Set At:	
Static Level:	14.0
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

Site:
lot 30 con 1 ON

Database: ***WWIS***

Well ID:	1529980	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Test Hole	***Date Received:***	14-Apr-1998 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	174835	***Contractor:***	6964
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10051515	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	

Cluster Kind:
Date Completed: 05-Dec-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931074099
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115089
Layer: 3
Plug From: 9.0
Plug To: 15.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115087
Layer: 1
Plug From: 2.0
Plug To: 8.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115088
Layer: 2
Plug From: 8.0
Plug To: 9.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529980
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10600085
Casing No: 1
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 933326771
Layer: 1
Slot: 040
Screen Top Depth: 10.0
Screen End Depth: 15.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Results of Well Yield Testing

Pump Test ID: 991529980
Pump Set At:
Static Level: 4.0
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

Site:
con 1 ON

Database:
WWIS

Well ID: 1529125
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116755
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11-Sep-1996 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050661
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-Jul-1996 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931071855
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931071857
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 190.0
Formation End Depth: 234.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931071856
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 190.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114106
Layer: 1
Plug From: 0.0
Plug To: 41.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529125
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10599231
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088514
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 41.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991529125
Pump Set At:
Static Level: 100.0
Final Level After Pumping: 210.0
Recommended Pump Depth: 225.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934907681
Test Type: Draw Down
Test Duration: 60
Test Level: 210.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934115017

Test Type: Draw Down
Test Duration: 15
Test Level: 160.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389981
Test Type: Draw Down
Test Duration: 30
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659709
Test Type: Draw Down
Test Duration: 45
Test Level: 200.0
Test Level UOM: ft

Water Details

Water ID: 933489064
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 230.0
Water Found Depth UOM: ft

Site:
lot 33 ON

Database:
WWIS

Well ID: 1528759
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 163056
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 26-Oct-1995 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA
Lot: 033
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050295
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 25-Sep-1995 00:00:00
Remarks:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931070713
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 6.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070716
Layer: 5
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 167.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070715
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 145.0
Formation End Depth: 167.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070714
Layer: 3
Color: 8
General Color: BLACK

Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 145.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070712
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113712
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528759
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10598865
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087892
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 167.0
Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087893
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 170.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528759
Pump Set At:
Static Level: 45.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 125.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934105246
Test Type:
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388872
Test Type:
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906571
Test Type:
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649389
Test Type:
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID:	933488586
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	167.0
Water Found Depth UOM:	ft

Site:
lot 31 ON

Database:
WWIS

Well ID:	1528149	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	30-Aug-1994 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	149112	***Contractor:***	6844
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	031
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OTTAWA CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	10049688	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	27-Jul-1994 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068737
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931068739
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068738
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068740
Layer: 4
Color: 6
General Color: BROWN
Mat1: 08
Most Common Material: FINE SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068741
Layer: 5
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 74
Mat2 Desc: LAYERED
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 20.0

Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113004
Layer: 2
Plug From: 7.0
Plug To: 9.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113003
Layer: 1
Plug From: 3.0
Plug To: 7.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113005
Layer: 3
Plug From: 9.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528149
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10598258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086839
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 20.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326495
Layer: 1
Slot: 010
Screen Top Depth: 10.0
Screen End Depth: 20.0

Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.0

Site:
lot 31 con 1 ON

Database:
WWIS

Well ID: 1527548
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 125863
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02-Dec-1993 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot: 031
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049183
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-Oct-1993 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931066986
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931066987
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 29
Mat2 Desc: FINE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 73.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931066985
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112525
Layer: 1
Plug From: 5.0
Plug To: 25.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112526
Layer: 2
Plug From: 68.0
Plug To: 74.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527548
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597753
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930085896
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	74.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991527548
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	30.0
Pumping Rate:	50.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934386018
Test Type:	
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934111202
Test Type:	
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934655344
Test Type:	
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934903717
Test Type:	
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Water Details

Water ID:	933487035
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

Site:
lot 32 ON

Database:
WWIS

Well ID:	1526662	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	13-Nov-1992 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	116388	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	032
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10048353	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	21-Sep-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931064797
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	61.0
Formation End Depth:	64.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064795
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064796
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526662
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596923
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084652
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526662
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 49.0
Recommended Pump Depth: 59.0
Pumping Rate: 21.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 10
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108413
Test Type: Draw Down
Test Duration: 15
Test Level: 38.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934652560
Test Type: Draw Down
Test Duration: 45
Test Level: 49.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392047
Test Type: Draw Down
Test Duration: 30
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909755
Test Type: Draw Down
Test Duration: 60
Test Level: 49.0
Test Level UOM: ft

Water Details

Water ID: 933486040
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 64.0
Water Found Depth UOM: ft

Site:
lot 32 con 1 ON

Database:
WWIS

Well ID: 1526107
Construction Date:

Flowing (Y/N):
Flow Rate:

Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	21-Apr-1992 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	110663	***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	032
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047840	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	24-Mar-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931063237
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	88.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931063238
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Mat2 Desc:	SANDSTONE
Mat3:	

Mat3 Desc:
Formation Top Depth: 92.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063236
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063235
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526107
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596410
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083735
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 94.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930083736
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991526107
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	108.0
Recommended Pump Depth:	50.0
Pumping Rate:	60.0
Flowing Rate:	
Recommended Pump Rate:	30.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934389914
Test Type:	
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106283
Test Type:	
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934908055
Test Type:	
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934650857
Test Type:	
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933485318
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

Site:
lot 31 con 1 ON

Database:
WWIS

Well ID:	1526051	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	27-Jan-1992 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	110661	***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	031
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047786	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	15-Apr-1992 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931063068
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063071
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 31
Mat2 Desc: COARSE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 118.0
Formation End Depth: 122.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063069
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 115.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063070
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 29
Mat2 Desc: FINE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 115.0
Formation End Depth: 118.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063072
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:

Mat3 Desc:
Formation Top Depth: 122.0
Formation End Depth: 145.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526051
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10596356
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083656
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 144.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526051
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 100.0
Flowing Rate:
Recommended Pump Rate: 30.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934650389
Test Type: Recovery
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106232
Test Type: Recovery
Test Duration: 15

Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389866
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908007
Test Type: Recovery
Test Duration: 60
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933485228
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 145.0
Water Found Depth UOM: ft

Site:
lot 31 con 1 ON

Database: ***WWIS***

Well ID: 1526024
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 110660
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 27-Jan-1992 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot: 031
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047759
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Feb-1991 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931062995
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 79.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062994
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062993
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526024
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596329
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083629
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 79.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526024
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934907991
Test Type:
Test Duration: 60
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389850
Test Type:
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106216
Test Type:
Test Duration: 15
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650373

Test Type:
Test Duration: 45
Test Level: 12.0
Test Level UOM: ft

Water Details

Water ID: 933485198
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 78.0
Water Found Depth UOM: ft

Site:
lot 31 ON

Database: ***WWIS***

Well ID: 1525568
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 095144
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 26-Aug-1991 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047303
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 15-Jul-1991 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931061636
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061637
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 31
Mat2 Desc: COARSE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 51.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061635
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111299
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525568
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595873
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930082813
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	57.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525568
Pump Set At:	
Static Level:	27.0
Final Level After Pumping:	39.0
Recommended Pump Depth:	50.0
Pumping Rate:	28.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	10
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934388185
Test Type:	Draw Down
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934104527
Test Type:	Draw Down
Test Duration:	15
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934906322
Test Type:	Draw Down
Test Duration:	60
Test Level:	39.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648723
Test Type:	Draw Down
Test Duration:	45
Test Level:	39.0
Test Level UOM:	ft

Water Details

Water ID:	933484602
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

Site:
lot 30 ON

Database:
WWIS

Well ID:	1525483	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	22-Jul-1991 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	69541	***Contractor:***	1517
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	030
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047221	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10-Mar-1991 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931061309
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	90.0
Formation End Depth:	105.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061307
Layer: 2
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 12
Mat2 Desc: STONES
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 6.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061308
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061310
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 105.0
Formation End Depth: 225.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061306
Layer: 1
Color: 6
General Color: BROWN
Mat1: 12
Most Common Material: STONES
Mat2: 05
Mat2 Desc: CLAY
Mat3:

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111222
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525483
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595791
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082679
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525483
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 200.0
Recommended Pump Depth: 215.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112305
Test Type:

Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905846
Test Type:
Test Duration: 60
Test Level: 200.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388128
Test Type:
Test Duration: 30
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648666
Test Type:
Test Duration: 45
Test Level: 200.0
Test Level UOM: ft

Water Details

Water ID: 933484493
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 204.0
Water Found Depth UOM: ft

Site:
lot 31 ON

Database:
WWIS

Well ID: 1525482
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 69542
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 22-Jul-1991 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA
Lot: 031
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047220
Elevation:

DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 15-May-1991 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931061303
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061302
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061304
Layer: 5
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061300
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061305
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 240.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061301
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111221
Layer: 1
Plug From: 4.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525482
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595790
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082678
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525482
Pump Set At:
Static Level: 17.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 125.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 10.0
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

Draw Down & Recovery

Pump Test Detail ID: 934112304
Test Type: Draw Down
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905845
Test Type: Draw Down
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388127
Test Type: Draw Down
Test Duration: 30
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934648665
Test Type:	Draw Down
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

Water Details

Water ID:	933484492
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	238.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1525216	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	10-Dec-1990 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	91532	***Contractor:***	3749
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10046957	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	19-Nov-1990 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931060477
Layer:	1

Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060479
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060478
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111129
Layer: 1
Plug From: 6.0
Plug To: 44.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525216
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595527
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082225
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525216
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 68.0
Recommended Pump Depth: 120.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934656396
Test Type: Draw Down
Test Duration: 45
Test Level: 68.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387041
Test Type: Draw Down
Test Duration: 30
Test Level: 58.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111636
Test Type: Draw Down
Test Duration: 15
Test Level: 49.0
Test Level UOM: ft

Water Details

Water ID: 933484123
Layer: 2

Kind Code: 1
Kind: FRESH
Water Found Depth: 120.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1524650
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 67166
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10-Jul-1990 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046398
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-Jun-1990 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931058641
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13

Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058642
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 127.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058643
Layer: 4
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 127.0
Formation End Depth: 133.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058640
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110869
Layer: 1
Plug From: 4.0
Plug To: 44.0

Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524650
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594968
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081236
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524650
Pump Set At:
Static Level: 70.0
Final Level After Pumping: 105.0
Recommended Pump Depth: 120.0
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 20
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934654617
Test Type: Draw Down
Test Duration: 45
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384838
Test Type: Draw Down
Test Duration: 30
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934109425
Test Type:	Draw Down
Test Duration:	15
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902998
Test Type:	Draw Down
Test Duration:	60
Test Level:	105.0
Test Level UOM:	ft

Water Details

Water ID:	933483333
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	131.0
Water Found Depth UOM:	ft

Site:
lot 31 ON

Database: ***WWIS***

Well ID:	1523825	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11-Sep-1989 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	37632	***Contractor:***	2351
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA
Elevatn Reliabilty:		***Lot:***	031
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10045598	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	21-Aug-1989 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931055865
Layer: 4
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 49.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055862
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055864
Layer: 3
Color: 8
General Color: BLACK
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055863
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523825
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594168
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079815
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523825
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 35.0
Recommended Pump Depth: 43.0
Pumping Rate: 23.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 35
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934106597
Test Type: Draw Down
Test Duration: 15
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909007
Test Type: Draw Down
Test Duration: 60

Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390827
Test Type: Draw Down
Test Duration: 30
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651382
Test Type: Draw Down
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933482237
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 49.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1523138
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 17787
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09-Jan-1989 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044944
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07-Dec-1988 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931053679
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053680
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 245.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110113
Layer: 1
Plug From: 0.0
Plug To: 27.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523138
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593514
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078623
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078624
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 245.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523138
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 245.0
Recommended Pump Depth: 225.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934649111
Test Type: Recovery
Test Duration: 45
Test Level: 64.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112712
Test Type: Recovery
Test Duration: 15
Test Level: 185.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388548
Test Type: Recovery
Test Duration: 30
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906732
Test Type: Recovery
Test Duration: 60
Test Level: 37.0
Test Level UOM: ft

Water Details

Water ID: 933481296
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 245.0
Water Found Depth UOM: ft

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 1523137
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 17791
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09-Jan-1989 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044943
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 18-Nov-1988 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931053678
Layer: 4

Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053677
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 29
Mat2 Desc: FINE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 44.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053676
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 44.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053675
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523137
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593513
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078622
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 67.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078621
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523137
Pump Set At:
Static Level: 17.0
Final Level After Pumping: 57.0
Recommended Pump Depth: 57.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934388547
Test Type: Recovery
Test Duration: 30
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112711
Test Type: Recovery
Test Duration: 15
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906731
Test Type: Recovery
Test Duration: 60
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649110
Test Type: Recovery
Test Duration: 45
Test Level: 17.0
Test Level UOM: ft

Water Details

Water ID: 933481295
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 64.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481294
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 62.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481293
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-May 31, 2022

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 2020

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2022

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jun 2022

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Jul 31, 2022

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Jun 30, 2022

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Jul 31, 2022

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Jun 30, 2022

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Mar 31, 2022

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Jun 2022

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Apr 30, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2022

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Jul 31, 2022

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Jun 30, 2022

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Jul 31, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

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

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Jun 30, 2022

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Jan 31, 2022

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 E

Ministry of Environment, Conservation and Parks – Freedom of Information (FOI) Acknowledgement of Request

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

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

Bureau de l'accès à l'information et de la protection de la vie privée

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

Ontario

September 6, 2022

Luke Lopers
Lopers & Associates
30 Lansfield Way
Ottawa, Ontario K2G 3V8
luke@lopers.ca

Dear Luke Lopers:

RE: **MECP FOI A-2022-06601 / Your Reference LOP22-024 – Acknowledgement Letter**

The Ministry is in receipt of your request made pursuant to the Freedom of Information and Protection of Privacy Act and has received your payment in the amount of $5.00 (non-refundable application fee).

The search will be conducted on the following: 8599 and 8600 Jeanne D'Arc Boulevard, Ottawa. If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

Also, the Ministry's Freedom of Information and Protection of Privacy Office (MECP Access and Privacy Office) is currently providing requesters with decisions/records via email. This allows requesters to obtain decisions containing records in a more timely and efficient way.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

If you have any questions, please contact Nasreen Salar at 647-330-4599 or Nasreen.Salar@ontario.ca.

Yours truly,
MECP Access and Privacy Office

Appendix F

Technical Standards and Safety Authority Correspondence

From:	Public Information Services
To:	Luke Lopers
Subject:	RE: LOP22-024A - TSSA Records Search Request - Environmental Research
Date:	October 6, 2022 8:39:55 AM
Attachments:	image001.png

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

NO RECORD FOUND IN CURRENT DATABASE

Hello,

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

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

-

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

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

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

Accessing the Service Prepayment Portal:

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

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

Questions? Please contact TSSA's Public Information Release team at

publicinformationservices@tssa.org.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind Regards,
Kim

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

From: Luke Lopers <Luke@lopers.ca>
Sent: October 6, 2022 1:27 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: LOP22-024A - TSSA Records Search Request - Environmental Research

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the City of Ottawa (formerly Orleans), ON:

- 8540, 8599, 8600, 8700 Jeanne D'Arc Boulevard
- 785, 801, 815, 835 Taylor Creek Drive

Thank you for your time,

Luke Lopers, P.Eng.
Principal
LOPERS & ASSOCIATES
Cell: 613-327-9073 Email: Luke@Lopers.ca

30 Lansfield Way, Ottawa, Ontario K2G 3V8

Appendix G

City of Ottawa Historic Land Use Inventory (HLUI)

File Number: D06-03-22-0140

September 29, 2022

Luke
Lopers & Associates

*Sent via email [*luke@lopers.ca*]*

Dear Luke,

Re: Information Request
8599 & 8600 Jeanne D'Arc Boulevard, Ottawa, Ontario ("Subject Property")

Internal Department Circulation:

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

- No information was returned on the Subject Property from Departmental circulation.
- **Environment and Health Protection:** The City's Environment and Health Protection Branch has found the following information pertaining to the subject property: **No Response**

Documents Provided:

HLUI Summary Report and HLUI Map

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

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at https://ero.ontario.ca/ contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following

categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

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

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

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

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

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

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

Sincerely,

Amya Martinov
Student Planner

Per:

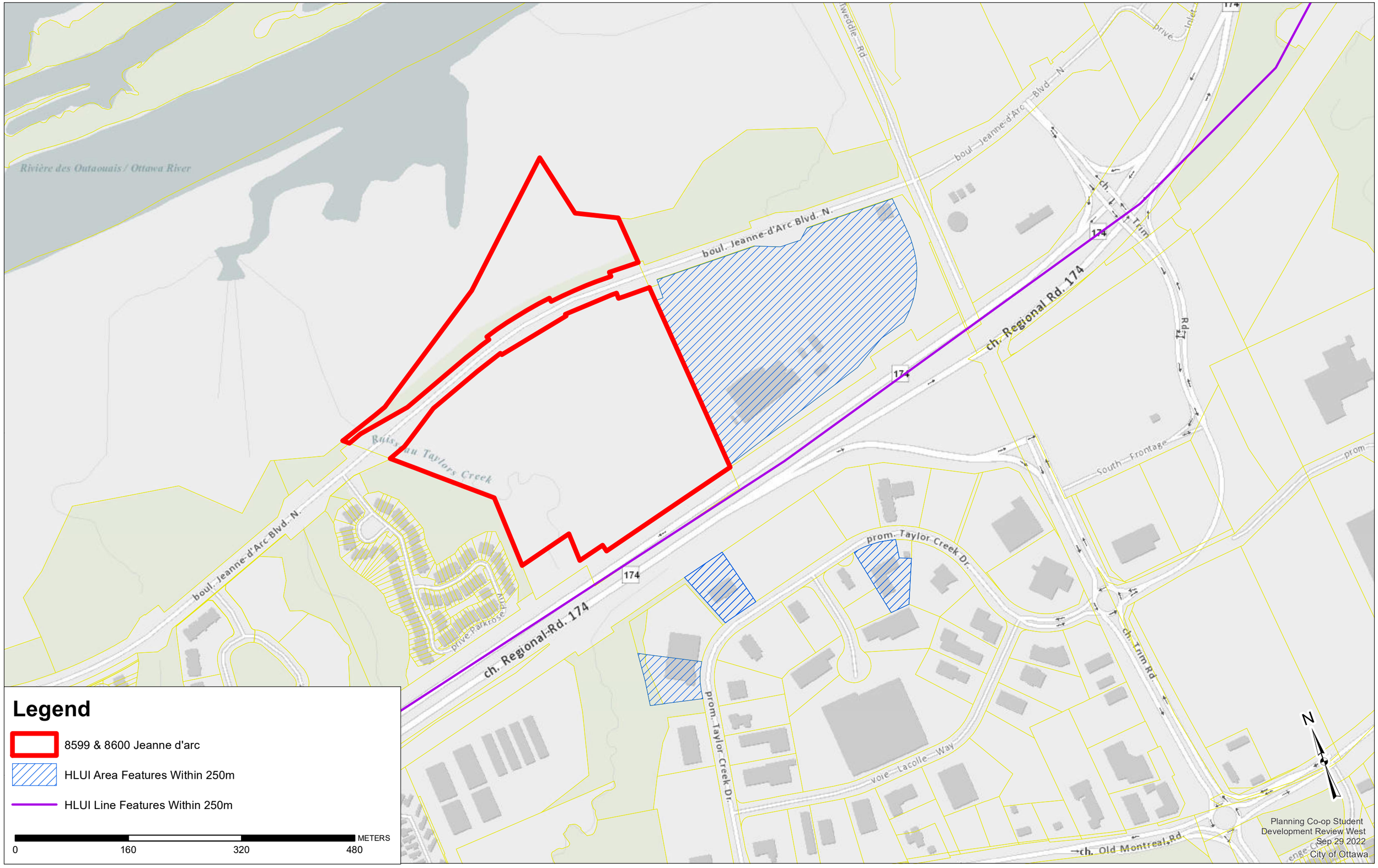
Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / **AM**

Enclosures: (2)
1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-22-0140

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



HLUI SUMMARY REPORT
AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_NUM2017	ST_NAME2017
10999	L'EXPRESS	Newspapers (Publishers/I	2001-ES	1			815	TAYLOR CREEK	BLVD	815	TAYLOR CREEK
12299	P E RAIL & SON	Other Metal Fabricating In	2001-ES; 2005-SelectPhone; 20	1	2001-2017	c. 2001; c.	860	TAYLOR CREEK	DR	860	TAYLOR CREEK
12300	JOSTENS CANADA LIMI	Photographers	2005-SelectPhone	1	2005	c. 2005	860	TAYLOR CREEK	DR	860	TAYLOR CREEK
12892	A-ABILITY INTL FREIGH	Air Transport Industries	1996-MCBED; 2005-SelectPhon	1	1996-2005	c. 1996; c.	785	TAYLOR CREEK	DR	785	TAYLOR CREEK
13588	THE STAR	Combined Publishing and	2001-ES	1	2001		815	TAYLOR CREEK	DR	815	TAYLOR CREEK
13987	MR GAS LIMITED	Gasoline Service Stations	1993-1996-M; 2001-ES; 2005-Se	1	1993-2005		815	TAYLOR CREEK	DR	815	TAYLOR CREEK
16257	ROGER GRANDMAITRE	Machinery and Equipment	1996-MCBED; 2000-PID; 2001-E	1	1996-2000	c. 1996; c.	795	TRIM	RD	8700	JEANNE D'ARC
16289	ORLEANS COMMUNITY	Combined Publishing and	2001-ES; 2004-GWStudy; 2005-	1	1996-2005	c. 1996; c.	815	TAYLOR CREEK	DR	815	TAYLOR CREEK

HLUI SUMMARY REPORT
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
3519	1908-Topo-31G06	Abandoned Railway	1908	abandoned by 1936		2503.69

Appendix H

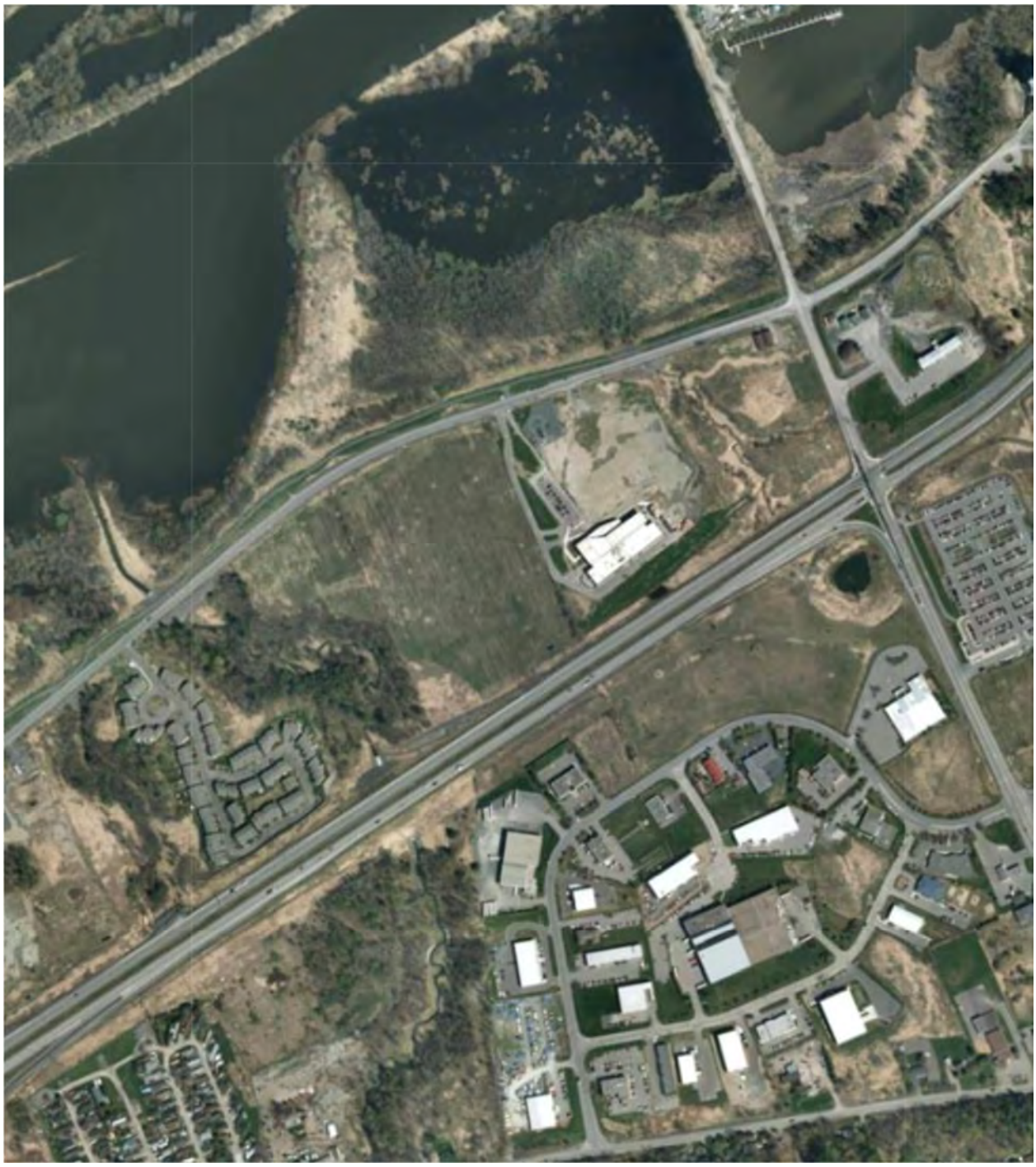
Aerial Photographs

1976 Aerial Photograph

1991 Aerial Photograph

2002 Aerial Photograph

2008 Aerial Photograph



2011 Aerial Photograph

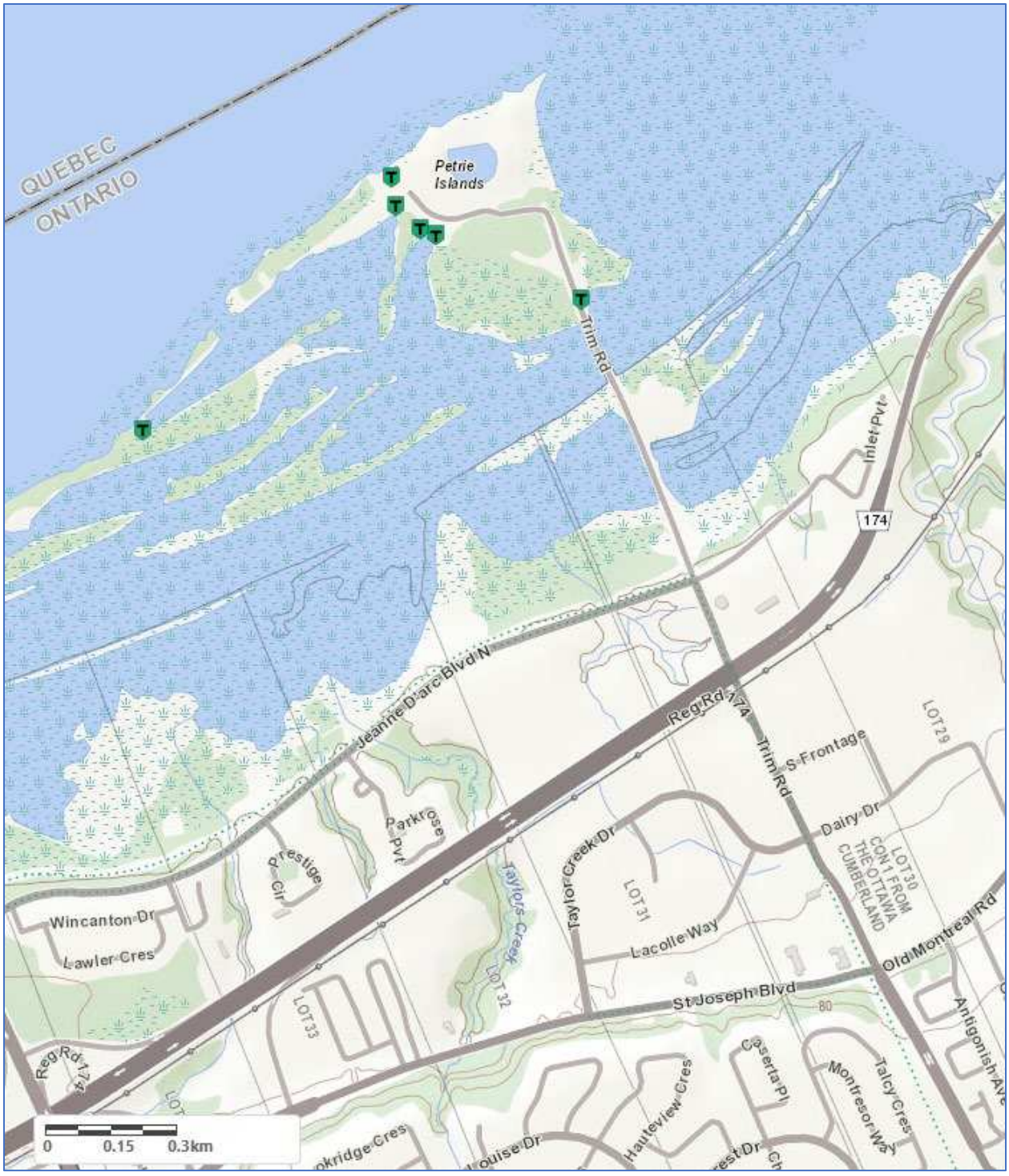
2021 Aerial Photograph

Appendix I

Topographic Map

Topographic Map – Phase One Study Area

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry



Topographic Map – Regional

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry

Appendix J

Photographic Log

Photograph 1: View of the south portion of the Phase One Property looking west. View shows the Phase One Property to be overgrown with vegetation.

Photograph 2: View of the west side of the Phase One Property looking north. Mature trees can be observed on the left side of the photograph, which is the top of an embankment leading to Taylors Creek.

Photograph 3: View of the south side of the Phase One Property, looking east. La Cite Collegial can be see in the distance; La Cite borders the east Property limits.

Photograph 4: View of a gravel pad and carpentry training area for La Cite Collegial on the east portion of the Phase One Property.

Photograph 5: View of Taylors Creek on the west portion of 8600 Jeanne D'Arc Boulevard; view is looking north.

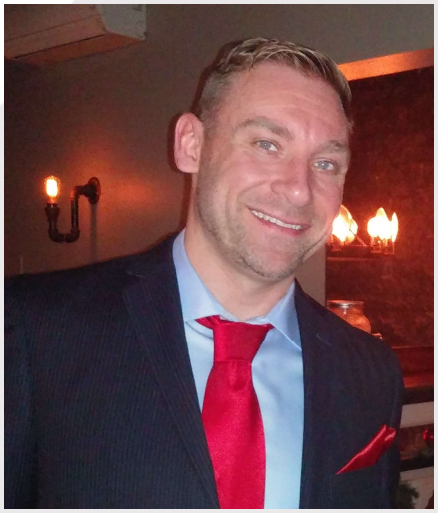
Photograph 6: View of Taylors Creek on the west portion of 8599 Jeanne D'Arc Boulevard; view is looking north towards the Ottawa River.

Photograph 7: View of the north portion of the Phase One Property (8599 Jeanne D'Arc), looking north. The Ottawa River can be seen further north of the Property.

Photograph 8: View of the north portion of 8600 Jeanne D'Arc looking west. Jeanne D'Arc Boulevard is present on the left side of the photograph.

Appendix K

Qualifications of Assessors



PROFILE

Mr. Lopers is an environmental engineer with over 12 years of experience in environmental engineering specializing in due diligence investigations. Mr. Lopers has extensive experience in Phase I and II Environmental Site Assessments; environmental remediation, and investigations; record of site condition submissions; asset inventory, designated substance surveys and abatement projects; environmental expertise on legal issues; and coordination of various monitoring programs (groundwater, surface water, air).

Mr. Lopers has participated in various Property Condition and Building Envelope mandates at various residential and commercial properties throughout Ontario.

Mr. Lopers has a strong commitment to health and safety, having experience leading a regional health and safety committee as a certified employee representative. Mr. Lopers has extensive training including OSHA 40-hour HAZWOPER, ASP Health and Safety on Construction Sites in Quebec, Ontario Working at Heights, Emergency First Aid/CPR and WHMIS.

CONTACT

EMAIL:
Luke@Lopers.ca

LUKE LOPERS

Principal
LOPERS & ASSOCIATES

EDUCATION

University of Waterloo,
B.A.Sc., Honours Environmental Engineering
Management Science Option Designation - 2002 - 2008

PROFESSIONAL EXPERIENCE

Lopers & Associates, Principal, Project Manager, Senior Environmental Engineer
Ottawa, Ontario - 2020–Present
Responsible for the management, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals

GHD Limited, Project Manager, Senior Environmental Engineer
Ottawa, Ontario - 2013–2020
Responsible for the management, senior technical review, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals
Office Safety Captain and Joint Health and Safety Committee team leader

Paterson Group Inc., Project Manager, Environmental Engineer
Ottawa, Ontario - 2009–2013
Responsible for supervision, completion and review for Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Designated Substance Surveys

NEXT Environmental Inc., Site Investigation Staff
Burnaby, British Columbia - 2008–2009
Responsible for fieldwork and reporting for Stage/Phase I and II Environmental Site Assessments, Environmental Remediation Programs

PROFESSIONAL DESIGNATIONS

Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO) since 2012

Qualified Person (QP), Environmental Site Assessments with Ontario Ministry of the Environment, Conservation and Parks

PROJECT EXPERIENCE

Environmental Site Assessments

Project Engineer/Manager
Phase 1 Environmental Site Assessment | Various Clients | Ontario, Quebec and British Columbia | 2006-2020

Project Engineer/Manager for Phase I Environmental Site Assessments in support of acquisition/divestiture/regulatory requirements for various properties in Ontario, Quebec and British Columbia, including the following:

- Canadian Tire Retail Store and Gas Bar, CTR 417 - 2560 Princess Street, Kingston, Ontario
- Former Automotive Dealership and Service Garage, North Vancouver, British Columbia
- Former Philips Cable Plant, Brockville, Ontario
- Former Cornwall Cotton Mill, Cornwall, Ontario
- Retail Fuel Outlet and Automotive Service Garage, Ottawa, Ontario
- Jack Garland Airport Land, North Bay, Ontario
- Various Commercial/Residential Properties, Ontario and British Columbia
- Various Residential Properties, Ontario, Quebec and British Columbia
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Engineer/Manager
Phase Two Environmental Site Assessments | Various Clients | Various Locations | 2008-2020

Project Engineer/Manager for the following field investigation and/or regulatory reporting requirements for Phase II ESAs and other Site Investigations:

- Proposed Canadian Tire Development, CTR 693P - Terry Fox Drive at Eagleson Road, Stittsville, Ontario
- Former Retail/Private Fuel Outlets, Ottawa/North Bay/Vancouver, Canada
- Operational/Former Industrial Facilities, Ottawa/Cornwall/Sarnia/Brockville/Gananoque, Ontario
- Existing Dry Cleaning Facilities, Ottawa/Arnprior, Ontario
- Automotive Service Garages, Ottawa/Vancouver, Canada
- Various Commercial/Residential Properties, Eastern Ontario
- Tetrachloroethylene Groundwater Plume, Commercial Property, Ottawa, Ontario
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Manager
Phase One, Phase Two Environmental Site Assessments, Environmental Delineation Quality Assurance Program | Costco Wholesale | Ottawa, ON | 2014-2019

Project Manager for the completion of a Phase One ESA for the potential acquisition of a commercial property. Upon discovery of APECs at the Site and significant data gaps in previous investigations, completed a Phase Two ESA to evaluate soil and groundwater quality at the Site. Further oversight of original owner's environmental consultants was completed to ensure adequate delineation and characterization of a dNAPL groundwater plume at the Site, present at significant depths in shale bedrock, which originated as a result of a former on-Site dry-cleaning operation.

Environmental Remediation Programs

Project Engineer
Underground Fuel Storage Tank Removals and Environmental Remediation Programs in Vicinity of Active Underground Services | Ottawa, ON | 2010, 2012

Project Engineer for removal of underground heating oil storage tanks adjacent to residential buildings. Completed excavation supervision of contaminated soil around and below active underground services, including hydro, water and natural gas infrastructure at residential properties. Activities included oversight of removal of petroleum, impacted soil, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Prepared Phase I, II and III Environmental Site Assessment reports.

Project Engineer
Retail Fuel Outlet Decommissioning and Remediation | Ottawa, ON | 2012

Project Engineer for UST removal and confirmatory soil sampling at former ESSO gas station in Ottawa, Ontario. Activities included oversight of removal of USTs and product lines, oversight of removal of petroleum-impacted soil and groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis.

Project Engineer/Manager
Former Fuel Outlet Investigation and Remediation | Merrickville, ON | 2016-2017

Project Engineer for confirmatory soil and groundwater sampling following UST removal at former Shell gas station. Activities included oversight of removal of petroleum-impacted soil, pumping of groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Additional borehole/monitoring well drilling also completed.

Record of Site Conditions

Project Manager/Engineer
Residential Redevelopment | Environmental Remediation Program and Record of Site Condition Submission | Ottawa | 2015

Project Manager for delineation of soil contamination and groundwater sampling for a former automotive garage and gas station property in Ottawa, Ontario. Presented and implemented remedial action plan to remediate on-Site contamination. Directed staff in collection of post remediation confirmatory soil and groundwater samples for contaminants of concern. Prepared remediation closure report and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Manager/Engineer
Industrial Development | Environmental Assessment and Record of Site Condition Submission | Township of Edwardsburgh/Cardinal | 2015

Project Manager for environmental assessments for a proposed industrial business park, in an existing industrial area within the Township of Edwardsburgh/Cardinal, Ontario. Prepared environmental assessment reports and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Excess Soil Management

Project Engineer/Manager
Management of Excess Soil | CTREL, Brigil, Ottawa Community Housing Corporation | Ottawa and Pembroke, Ontario | 2016, 2018

Project Engineer/Manager for sampling, analytical testing, development of soil management plans and monitoring during removal of excess soil generated as part of construction activities, including the following properties/facilities:

- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario
- Residential redevelopment, 121 Parkdale Avenue, Ottawa, Ontario
- CTR 079, 1104 Pembroke Street East, Pembroke, Ontario
- CTR 297, 2010 Ogilvie Road, Ottawa, Ontario

Designated Substance Surveys

Project Manager

Designated Substance Surveys and Hazardous Building Materials Assessment | Ottawa, Pembroke, Southeastern Ontario | 2010-2020

Project Manager for asbestos containing material (ACM) surveys, designated substance surveys (DSSs), Hazardous Building Materials Assessments (HBMAs) or mould assessments at the following sites:

- DSSs at various municipal facilities for the City of Pembroke, Pembroke, Ontario. Preparation of Asbestos Management Plan.
- HBMAs at various institutional buildings for the Catholic District School Board of Eastern Ontario, Southeastern Ontario.
- DSSs and ACM surveys at various residential, buildings (dwellings and apartment buildings) for private residential clients, Ottawa, Ontario.
- DSS and abatement oversight during demolition, residential buildings (townhouses) for Ottawa Community Housing Corporation, 818 Gladstone Avenue, Ottawa, Ontario.

Environmental Litigation Support

Project Manager, Field Engineer, Expert Witness

Ottawa, Ontario | 2014-2020

Project Manager, Field Engineer and Expert Witness for a fuel spill, remediation program, groundwater monitoring program and litigation review for redevelopment of a residential property adjacent to a central heating plant at an institutional facility.

Education

BEng Geological Engineering, École Polytechnique de Montreal, Montreal, Quebec, 1990

MSc Geophysics, University of British Columbia, Vancouver, British Columbia, 1983

BSc Geophysics, Honours, University of British Columbia, Vancouver, British Columbia, 1980

Certifications

Registered as PMP with Project Management Institute since 2012, requalified in 2018

Qualified Person (QP) for Environmental Site Assessments with Ontario Ministry of Environment and Conservation and Parks

Professional Affiliations

Licensed as P.Eng. with the Professional Engineers of Ontario (PEO) since 1994

Licensed as Ing. with l'Ordre des ingénieurs du Québec (OIQ), 1992

Licensed as P.Eng. with NAPEG (NWT and Nunavut), since 2009.

Licensed as P.Eng with Engineers Yukon since 2018

Federal Clearance Level

Secret ID # 95251065

DON PLENDERLEITH

Senior Environmental Engineer and Project Manager

PROFESSIONAL SUMMARY

Mr. Plenderleith has been an environmental engineer for 30 years. From 1990 to 2000 he worked at specialty firms in Montreal and Ottawa where he gained field and reporting experience in site assessment and remediation of retail fuel outlets and railway yards. In 1991 and 1992 he worked on a CIDA sponsored project to assess additional water resource potential in two provinces in Indonesia. He worked for Golder for 19 years on projects in Ottawa, the North and overseas.

His expertise covers all steps in contaminated site management: Phase I, II and III environmental site assessments (ESAs), risk assessments, remedial options evaluations, remedial action plans, tender plans and specifications, remediation project oversight, long-term monitoring and project closure. He has largely concentrated on federal sites since 2002 and was Golder's initial point of contact on the Environmental Standing Offer Agreement with PSPC in the National Capital over that time.

Don led Golder's national client service team for Federal government and was responsible to Golder's management for maintaining strong relations with the federal government. Locally, he provided project management and technical direction of a variety of environmental projects from the Ottawa office. Don mentored several junior professionals. His site portfolio included: military bases, Northern sites, navigational sites, correctional facilities, research labs, commercial buildings and Canadian embassies abroad. On several multi-year projects (Kingston Penitentiary and Connaught Ranges landfill) he directed all steps of site management from initial investigations, through to site closure.

Don is equally experienced at providing strategic and portfolio-level assistance to clients as well as site-specific level work. He has written contaminated sites management plans for several federal Departments. He helped to develop components of the FCSAP project manager's tool kit and has trained federal project managers in its use. He has provided program-level assistance to the FCSAP Secretariat for funding demand forecasting and long-term strategy and risk management. For nine years he led a multi-disciplinary team that performed contaminated site liability peer reviews for the Office of the Auditor General of Canada.

Don completed his engineering degree in French and is licensed to practice in Quebec. He frequently coordinates the French language component at bilingual meetings and workshops.

PROJECT EXPERIENCE – STANDING OFFER MANAGER

Public Services and Procurement Canada, National Capital Region, Environmental Engineering Standing Offer (2002-2019).

Don managed Golder's Environmental Standing Offer Agreement (SOA) with PSPC in the National Capital Region from 2002 to 2019. He was the first point of contact with PSPC for new call-ups. He formed project teams from the approved resources and reviewed the work plans under each call-up. He was responsible and accountable for Golder's overall project performance to PSPC.

PROJECT EXPERIENCE – SENIOR PROJECT MANAGER

Phase I, II, and III and Remediation at Pittsburgh Institution and Kingston Penitentiary for PSPC/CSC near Kingston, Ontario

Environmental Site Assessment, Remediation Planning and Implementation for the Pittsburgh Institution and Kingston Penitentiary, Kingston, Ontario from 2007 to 2015 - Don was the Senior Project Manager and project reviewer for the Phase I, II and III of contaminated sites on two similar projects at these federal penitentiaries. Don performed project management and provided technical direction during the full suite of services from site assessment through to remediation. Federal project management tools, and FCSAP technical tools (GOST) were used to assist with procedural compliance. Don assisted PSPC with the tender specification for both remediation projects and performed on-site supervision during the fast-track remediation work at Pittsburgh. Don also performed senior review of the draft and final reports.

Peer Review and Liability Review of US Steel Site in Hamilton Harbour for PSPC and Transport Canada (July-August 2016)

Don was the Senior Project Manager for a Peer Review of reports pertaining to the US Steel site on Hamilton Harbour that the Hamilton Port Authority (HPA) was considering purchasing. TC requested the peer review and liability review in its oversight role over the HPA. Don brought a senior expert in at steel industry at Golder onto the project team. With his input some important gaps in the previous site assessments, management plans and liability estimates were identified to TC.

Contaminated Site Reporting and Review for Department of National Defence Ottawa, Ontario, Canada

Don has managed several projects for DND's Director General Environment, related to the financial reporting of DND's contaminated sites. He managed the EcoNet validation project in 2006, in which the systems and procedures by which site cost and liability information are input to DND's Contaminated Site database, Econet. Several of DND's major projects being run out of headquarters were reviewed in that exercise. In 2008 he assisted DND by producing the 2008 update of their Contaminated Sites Management Plan (CSMP) for Treasury Board submission. Nine divisional CSMPs were reviewed, summarized and incorporated into the departmental CSMP.

PROGRAM LEVEL WORK – FEDERAL CONTAMINATED SITES

Project Management Tools for Contaminated Sites, Ottawa, Ontario, Canada

Mr. Plenderleith developed two of the FCSAP Project Management Tools: Status Reporting and Project Risk Management. He has provided training in the tools to federal project managers country-wide. He has delivered training sessions at RPIC National Contaminated Sites workshops on several occasions on the PM Tools, the Sustainable Development Tool (SDAT), and Guidance Tool for Selection of Technologies Tools (GOST).

Assistance to FCSAP for program-level Risk Management, PWGSC/ECCC Ottawa, Ontario

Don has led a team at Golder that provided assistance to the FCSAP Secretariat from 2013 to 2019 in the areas of cost projections for funding demand estimates. He devised a method of projecting the costs of unassessed sites based on closure costs of similar sites. This tool was used to estimate the funding demand for FCSAP Phase III and past Phase III. Don assisted the Secretariat with Long-Term Strategic planning for FSCAP post 2020 when the 15-year program is due to sunset.

Secondments to Federal Departments

Mr. Plenderleith has been seconded from Golder to the Department of Foreign Affairs and International Trade (now Global Affairs Canada "GAC") on three occasions to develop their Contaminated Sites Management Plans and to fill in while GAC was staffing their full-time environmental engineer position. Through these secondments he has developed a greater understanding of the role of federal custodians in managing their programs.

PROJECT EXPERIENCE – NORTHERN SITES

DEW Line Site Monitoring, Baffin Region, DND

(2015-19)

Mr. Plenderleith was the project director of Golder's DEW Line Monitoring contract with DND from four years 2015 to 2019. He was responsible for overall program quality and liaison with the client and management of Inuit subcontractors. The project was multi-disciplinary, involving geotechnical and environmental components. Mr. Plenderleith has developed a very positive working relationship with the hamlet of Qikiqtarjuaq and the Inuit staff from that community, many of whom have returned to work with Golder every year. All Inuit Participation Targets were exceeded.

Tundra Mine Remediation Monitoring PSPC/INAC (2016-2018)

Don was the Senior project director for Golder's Remediation Monitoring of Tundra Mine (NWT) for PSPC and INAC. This project is multi-disciplinary involving surface water and groundwater environmental monitoring and aquatic monitoring for the final stages of the remediation of Tundra Mine. Don has reviewed the monthly and annual monitoring reports produced for the Water Licence. His earlier experience with the RAP for Tundra has been valuable on this project.

Remedial Options Review and Remedial Action Planning Former Water Tanker Base, Inuvik Airport, NWT 2010-12

From 2010 to 2012, Mr. Plenderleith was the technical director for the Phase III ESA detailed site assessment and remediation planning of the former Water Tanker Base at the Inuvik Airport in NWT. The work included determining the contaminants of concern, delineation of contaminated soil and seasonal groundwater areas, and assessing remedial options. The remedial action plan reviewed chemical oxidation and removal & disposal options within the constraints of northern work season, and the distance to a disposal facility. Descriptions, costs, advantages and limitations were provided for several options. GNWT performed the remediation with own forces.