FINAL REPORT

Phase One Environmental Site Assessment

3440 Frank Kenny Road, Navan, Ontario

Submitted to:

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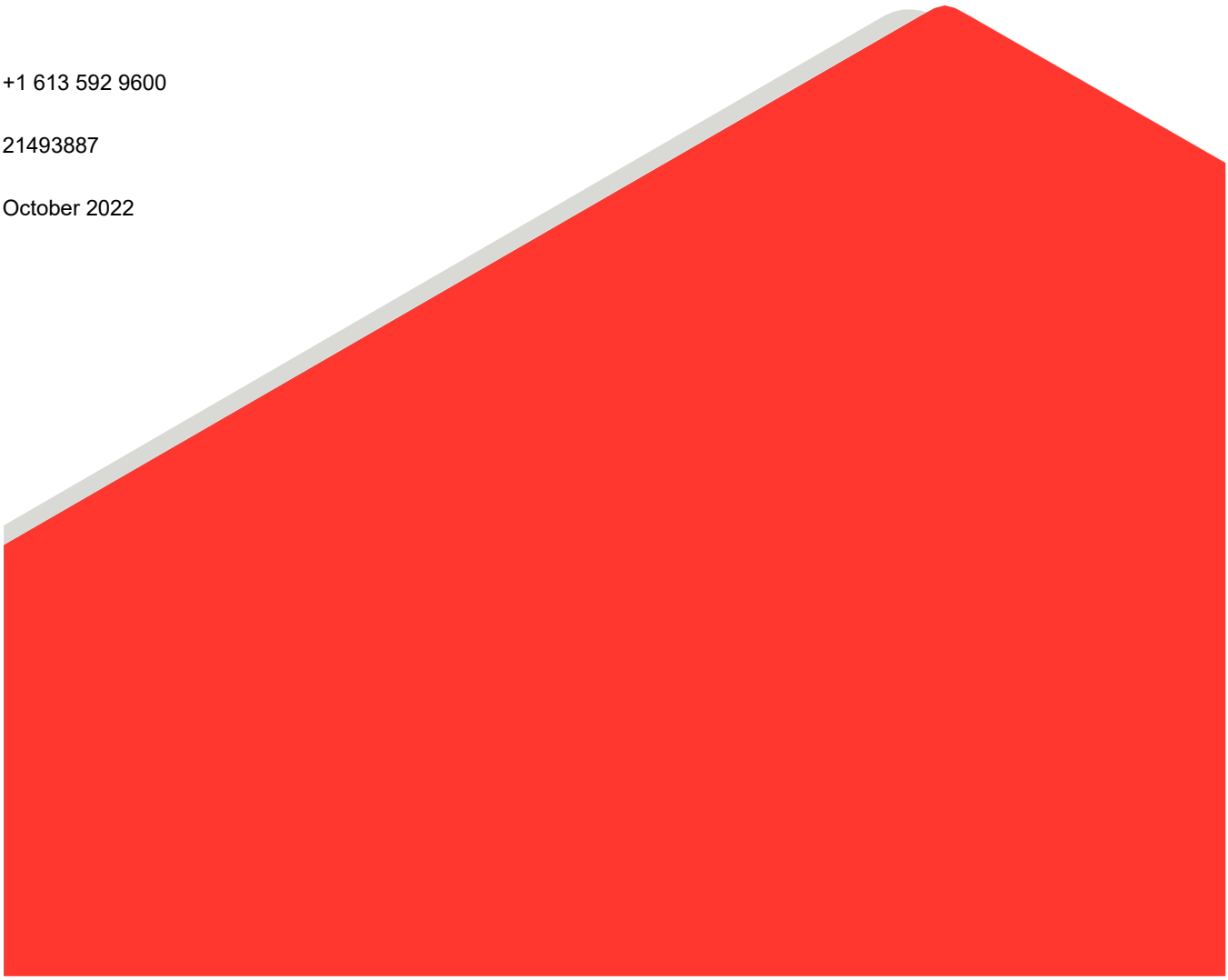

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1.0 INTRODUCTION

1.1 Phase One Property Information

Golder Associates Ltd. (Golder) was retained by J.L. Richards & Associates Ltd., on behalf of Hydro One Networks Inc. (“HONI”) to conduct a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 3440 Frank Kenny Rd., Navan, Ontario (the “Phase One Property” or “Site”).

The location of the Phase One Property is provided in Figure 1. A plan describing the Phase One Property is provided in Figure 2.

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the Phase One Property and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre (m) radius of the boundary of the Phase One Property (collectively referred to as the “Phase One Study Area”). The boundary of the Phase One Study Area is presented in Figure 2.

According to Ontario Regulation (O.Reg.) 153/04 *Records of Site Condition*, the objectives of a Phase One ESA are to:

1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;

2) Determine the need for a Phase Two Environment Site Assessment (ESA);

3) Provide a basis for carrying out a Phase Two ESA;

4) Provide adequate preliminary information about environmental conditions in the land or water on, in or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA; and,

5) Identify and report on evidence of actual and/or potential contamination on the Phase One Property from current and historical activities at the Phase One Property or the surrounding area.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Phase One Property. Based on Golder’s review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the Site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Phase One Property was sufficient to achieve the objectives of the Phase One ESA.

3.1.2 First Developed Use Determination

The date of first developed use of the Phase One Property was determined based on review of the aerial photographs, city directories, ERIS Report and information provided by the Site representative. Aerial photographs show the Site was developed with residential dwelling in or prior to 1976, potentially 1975 based on the drinking water well installation record from 1975.

3.1.3 City Directories

A review of historical city directories for the years 1992, 1996, 2001, 2006 and 2011 was completed by Environmental Risk Information Services (ERIS) for the Phase One Property and surrounding properties (within 250 m) along Frank Kenny Road and Colonial Road. Relevant findings from the city directory listings are presented below.

Phase One Property

- Noted as being a residential house with one tenant at 3450 Frank Kenny Road from 1992 through 2011.

Surrounding Area

- One residential tenant at 1740 Colonial Road from 1992 through 2011.
- 3406 Frank Kenny Road was owned by Bradley M L Ltd in 1992, 1996, 2006, and 2011. The address was listed as Ottawa Carleton Plowing Match and Child Check-Mate in 2001.
- One residential tenant at 3372 Frank Kenny Road was listed from 1992 through 2011

3.1.4 Environmental Reports

The following environmental reports (ordered from oldest to most recent) related to the Phase One Property were provided to Golder. Golder consulted these reports to develop an understanding of the environmental conditions at the Phase One Property and surrounding properties.

- "Phase I Environmental Site Assessment 3406/3450 Frank Kenny Road, Ottawa (Orleans), Ontario", project number 11-1122-0129(1000), prepared by Golder for J.L. Richards & Associates Limited, dated September 2011 ("2011 Phase I ESA");

While technical peer reviews of the reports were not completed, noteworthy findings from these reports are summarized in the following sections.

3.1.4.1 2011 Phase I ESA

A Phase I ESA was completed for 3406 and 3450 Frank Kenny Road – the southern part of which included the Site investigated as part of this report. Based on the review of available information at the time of the 2011 Phase I ESA, the Site was occupied by agricultural properties prior to its development as a residential dwelling prior to 1976.

A title search was completed as part of the 2011 Phase I ESA, detailing the following information:

Approximate Date of Ownership/Occupation	Ownership/Use	Comment/Source
Up to 1846	Crown	Title Search
1846 – 1880	Canada Company	
1880 – 1994	Multiple private ownerships	
1994 – 1995	Berton Farms Inc.	
1995 – 2011	743120 Ontario Inc.	

Given that a title search was conducted in 2011 and ownership has not changed since 2011, a title search was not ordered as part of this investigation.

Based on the findings of the 2011 Phase I ESA, one Area of Potential Environmental Concern (APEC) was identified (potential presence of hazardous building materials) for the Site (3450 Frank Kenny Road). One off-Site potential concern was identified at 3406 Frank Kenny Road - removal of underground storage tanks without documentation. Fuel tanks were noted to be present at 3406 Frank Kenny Road. Currently aboveground fuel storage tanks were noted to be present at 3406 Frank Kenny Road and based on aerial photographs, are located in a similar location to the former underground storage tanks.

3.2 Environmental Source Information

Golder contracted Environmental Risk Information Services Ltd. (ERIS) to conduct a search of environmental sources, including federal, provincial and private sector databases, for information on the Phase One Property and Phase One Study Area. The ERIS report is provided in Appendix A. The search included the following databases:

Abandoned Aggregate Inventory, Aggregate Inventory, Abandoned Mine Information System, Anderson's Waste Disposal Sites, Aboveground Storage Tanks, Automobile Wrecking & Supplies, Borehole, Certificates of Approval, Dry Cleaning Facilities, Commercial Fuel Oil Tanks, Chemical Manufacturers and Distributors, Chemical Register, Compressed Natural Gas Stations, Inventory of Coal Gasification Plants and Coal Tar Sites, Compliance and Convictions, Certificates of Property Use, Drill Hole Database, Delisted Fuel Tanks, Environmental Activity and Sector Registry, Environmental Registry, Environmental Compliance Approval, Environmental Effects Monitoring, ERIS Historical Searches, Environmental Issues Inventory System, Emergency Management Historical Event, Environmental Penalty Annual Report, List of Expired Fuels Safety Facilities, Federal Convictions, Contaminated Sites on Federal Land, Fisheries & Oceans Fuel Tanks, Federal Identification Registry for Storage Tank Systems (FIRSTS), Fuel Storage Tank, Fuel Storage Tank – Historic, Ontario Regulation 347 Waste Generators Summary, Greenhouse Gas Emissions from Large Facilities, TSSA Historic Incidents, Indian & Northern Affairs Fuel Tanks, Fuel Oil Spills and Leaks, Landfill Inventory Management Ontario, Canadian Mine Locations, Mineral Occurrences, National Analysis of Trends in Emergencies System (NATES), Non-Compliance Reports, National Defense & Canadian Forces Fuel Tanks, National Defense & Canadian Forces Spills, National Defence & Canadian Forces Waste Disposal Sites, National Energy Board Pipeline Incidents, National Energy Board Wells, National Environmental Emergencies System (NEES), National PCB Inventory, National Pollutant Release Inventory, Oil and Gas Wells, Ontario Oil and Gas Wells, Inventory of PCB Storage Sites, Orders, Canadian Pulp and Paper, Parks Canada Fuel Storage Tanks, Pesticide Register, Pipeline Incidents, Private and Retail Fuel Storage Tanks, Permit to Take Water, Ontario Regulation 347 Waste Receivers Summary, Record of Site Condition, Retail Fuel Storage Tanks, Scott's Manufacturing Directory, Ontario Spills, Wastewater Discharger Registration Database, Anderson's Storage Tanks, Transport Canada Fuel Storage Tanks, Variances for Abandonment of Underground Storage Tanks, Waste Disposal Sites - MOE CA Inventory, Waste Disposal Sites - MOE 1991 Historical Approval Inventory and lastly Water Well Information System.

The ERIS report included the following noteworthy listing for the Phase One Property:

- One approved Environmental Compliance Approval (ECA) conducted in 2012 regarding an Industrial sewage works for storm water management.

The ERIS report included the following noteworthy listings for 3406 Frank Kenny Road (adjacent to the north of the Phase One Property):

- M.L. BRADLEY was listed as having two Fuel Storage Tanks (FST) on site in 2022; and,
- M.L. BRADLEY was also listed as having a Fuel Storage Tanks History (FSTH) dating from before 2010 where two tanks were present; and,
- M.L. BRADLEY was also listed under hazardous waste generator number ON1650100 15 times between 1986 and 2022 for the generation of one or more of the following: oil skimmings & sludges, PCBs, paint/pigment/coating residues, waste oils & lubricants; aromatic solvents.
- M.L. BRADLEY was listed as having a Private and Retail Fuel Storage Tanks (PRT) between 1989 and 1996 since at least one PRT was found on site.

3.2.1 Ministry of the Environment

Golder completed a search of the Ontario Ministry of the Environment Conservation and Parks (MECP) online database tool, Access Environment, for records on the Phase One Property and within the Phase One Study Area. One record was identified for the Phase One Property related to an environmental compliance approval for an on-Site storm water pond. No other records were noted for the Phase One Study Area.

3.2.2 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (TSSA) maintains records related to registered underground storage tanks ("USTs") for petroleum-related products. The TSSA was contacted to establish the status of the Phase One Property and to identify outstanding instructions, incident reports, fuel oil spills or contamination records. On May 25, 2022, TSSA reported via e-mail that there were no records on file pertaining to the Phase One Property. A copy of the response is provided in Appendix B. It is noted that the ERIS report as well as the Site visit confirmed the presence of above ground tanks at 3406 Frank Kenny Road, north of the Phase One Property.

3.3 Physical Setting Sources

3.3.1 Aerial Imagery

Aerial imagery for the Phase One Property and the surrounding area was reviewed by Golder. Information obtained from the review of the aerial photographs is summarized in the following table.

Year	Phase One Property	Surrounding Area
1976	Site appears to be developed with a residential dwelling surrounded by agricultural fields.	The surrounding area includes agricultural land to the east, south, and west, and forested area to the north.
1991	The property appears as it does in the 1976 aerial image, with the addition of an additional building to the north of the existing dwelling.	The surrounding area appears similar to the 1976 aerial image, with the exception of the development of 3406 Frank Kenny Road, adjacent to the Site, to the north. The bus depot appears similar to its present day configuration.
2002	The outbuilding that appeared in the 1991 aerial image has been removed from the Site.	The surrounding area appears generally as it does in the 1991 aerial image. An additional building at 3406 Frank Kenny Road has been constructed to the west of the original building.

Year	Phase One Property	Surrounding Area
2011	The Site appears as it does in the 2002 aerial image.	The surrounding area appears generally as it does in the 2002 aerial image.
2019	The dwelling has been removed and the Site appears developed with the Hydro One infrastructure (buildings and gravel parking area), as in present day.	The surrounding area appears generally as it does in the 2011 aerial image.

Based on the aerial photographs, the Phase One Property appears to have included agricultural fields and a residential dwelling since at least 1976. The surrounding properties primarily included agricultural fields. Construction of the bus depot and construction vehicle storage north of the Phase One Property was conducted prior to or in 1991. The Site was redeveloped with the current infrastructure between 2011 and 2019, and has been mostly unchanged since construction. The surrounding properties primarily included agricultural fields with the exception of the bus depot and construction vehicle storage north of the Phase One Property which have been present since before 1991.The bus garage property at 3406 Frank Kenny was noted to operate private fuel storage.

3.3.2 Topography, Hydrology and Geology

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding areas was generally flat.	Site and surrounding area observations
Overburden Soils	The majority of the Site consists of offshore marine deposits consisting of clay, silty clay & silt over a glacial till composed of clayey sand with some gravel and frequent cobbles.	Golder GIS database and 2011 Phase I ESA
Type of Bedrock	Bedrock in the area consists of a mixture of a Lindsay Formation and a Billings Formation	Golder GIS database
Depth to Bedrock	3 - 10 m	Golder GIS database and water well records
Inferred Near Surface Groundwater Flow	Groundwater flow direction is inferred to be towards the southwest.	Topographic map, hydrogeological investigation by GHD 2012 Hydrogeological Report and visual observations
Site Grade Relative to the Adjoining Properties	The Site grade is relatively at the same level as the adjoining properties	Topographic map and visual observations
Depth to Groundwater	0.8 to 1.5 m below ground surface	2011 Phase I ESA

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Phase One Property.

3.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	Fill was brought in for the gravel parking/yard area, and possibly as subgrade material beneath the site buildings.	Site observations, Site representative

3.3.4 Water Bodies, Areas of Natural Significance, and Groundwater Information

Topic	Conditions	Comment / Source
Nearest Open Water Body	The nearest water body to the Site is a an unnamed creek located approximately 300 m northeast of the Site.	Ontario Base Map, Site visit
Areas of Natural and Scientific Interest (“ANSI”)	No ANSI are known to be present within the Phase One Property.	Ministry of Natural Resources Natural Heritage Information Centre on-line database. Areas of Natural & Scientific Interest Map
Provincial Parks or Conservation Reserves	Not present.	ERIS ANSI map
Provincially Significant Wetlands or Designated Wilderness Areas	Not present.	Eris ANSI Map
Environmentally Significant Areas per Municipal Official Plan(s)	Not present.	Eris ANSI Map
Areas Designated Under the Niagara Escarpment Plan or the Oak Ridges Moraine Conservation Plan	Not present.	ERIS ANSI Map
Threatened or Endangered Species Habitat	A natural heritage report was not available for review.	N/A
Wellhead Protection Areas	The Phase One Study Area is not located within a well-head protection area or other area identified by a municipality in its official plan for the protection of ground water.	MECP Source Protection Atlas, Official Plans

Topic	Conditions	Comment / Source
Municipal Drinking Water Distribution Systems	A review of the infrastructure information on the City of Ottawa GeoOttawa website does not show any municipal services along Frank Kenny Road. The Phase One Property and other properties within the Phase One Study Area are served by drinking water wells. It was noted during the site visit the Phase One Property only has a holding tank for all wastewater which gets pumped when required. No septic field present.	Google Street view, Site visit

3.3.5 Well Records

The following information about wells that are used or are potentially used for human consumption or agricultural use and are located at the Phase One Property and the surrounding area. The location of well records is provided in in the ERIS Report.

Topic	Conditions (Well Record No.)	Comment / Source
Wells (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table)	There is one water supply well (WWIS-1) present on site which was constructed in 1975 at 3450 Frank Kenny Road (residential dwelling) to a depth of 56.4 m, within the bedrock. There are two other water wells present on surrounding properties. One well (WWIS-2) was shown to be located west of the Site but the records only show that this well was drilled in 1998 is not used, as it was drilled as a test hole. There was no further information provided. A second well (WWIS-3) is shown to be located north of the Site and is indicated to be used for cooling and A/C purpose (ground source well). This well was constructed in 1991 to a depth of 11.3 m into the shale bedrock. More recently, four additional monitoring wells were added to the surrounding properties. Three monument casing wells with a depth of 3.66 mbgs were drilled on April 6th 2022, while the fourth hole was drilled to a depth of 3.96 mbgs on April 7th 2022.	ERIS Report, 2022 GHD Hydrogeological Report, and Site observations

3.4 Site Operating Records

At the time of the site visit, the Phase One Property was a Hydro One facility. No operating records were provided for review.

Topic	Title of the information or document	Information Relevant to the Phase One ESA
Regulatory Permits and Records	ECA for industrial sewage works for wastewater holding tank	None
Materials Safety Data Sheets (MSDS)	Not available	None
Underground utility drawings	Not available	None
Inventory of ASTs and USTs	Not available	None
Environmental monitoring data, including data created in response to an order or request of the Ministry	Not available	None
Waste management records, including current and historical waste storage location and waste receiver information maintained by the Ministry	Not available	None
Process, production and maintenance documents related to APECs	Not available	None
Records of spills and records of discharges of contaminants, including records of spills and records of discharges of contaminants of which notice is required to be given to the Ministry under the Act and records of such spills and discharges required to be kept pursuant to O.Reg. 675/98	Not available	None. It is noted that no spill records were identified in the ERIS report.
Emergency response and contingency plans, including spill prevention and contingency plans prepared pursuant to section 91.1 of the Act, and O.Reg. 224/07	Not available	None
Environmental audit reports	Not available	None
A Site plan of the facility	Not available	None

4.0 INTERVIEWS

Mr. Mark Novosad of Hydro One (hereinafter referred to as the "Site Representative"), responded to a detailed in-person environmental interview on June 8th 2022. Pursuant to the requirements O.Reg. 153/04, the Site Representative was interviewed as the "current owner" with knowledge of current Site operations. Relevant information obtained during the interview and site visit is provided in the Section 6.0.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

Mr. James Doyle (Environmental Consultant) and Mr. Philippe Chevrette (Junior Environmental Consultant) of Golder visited the Phase One Property for two hours on June 8th 2022 at 11:00 am. Mr. James Doyle has a B.A.Sc. and M.A.Sc. (Environmental Engineering) from Carleton University and has 7 years consulting experience. Mr. Philippe Chevrette has a B.A.Sc. (Environmental Engineering) from Carleton University. The Site visit consisted of a walk-around of the developed areas of the Phase One Property along with a cursory inspection of surrounding properties from the Phase One Property and publicly accessible areas. The weather conditions were cloudy with precipitation and the temperature was 20°C.

The Phase One Property currently has two buildings on site. This first building is a slab-on-grade office building which is located near the road. The office has a fully functioning washroom and kitchenette. Wastewater is stored in a holding tank, buried on Site to the south of the office building. The second building on site is a storage/warehouse building where parts for hydro maintenance were kept and basic urgent truck maintenance is performed on an as needed basis. No regular scheduled maintenance is ever performed at this Site according to the Site representative.

Photographs of relevant features noted during the site visit are provided in Appendix C.

5.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
<u>Structures</u> **Number and Age of Buildings on the Site**	Two buildings were present on site. Both buildings were built in 2011 or later.	Site observations
General Descriptions of Each Building (including improvements	This first building is a small office complex which is located near the road. The office has a fully functioning washroom and kitchenette which get their wastewater collected and stored in a holding tank. The second building on Site is a warehouse/storage building where parts for hydro maintenance were kept and basic urgent truck maintenance is performed on an as needed basis. No regular scheduled maintenance is ever performed at this Site according to the site representative.	Site observations

Topic	Observations	Source
Building Areas	Two buildings were present on Site - 1) an office building and 2) a storage/warehouse. The office building is approximately 353m^2 while the storage building is approximately 314m^2.	Site observations
Number of Floors (include all levels, whether above or below ground)	Both buildings were only one floor. The main office building was raised slightly above ground level. The storage building (second building on site) was directly on ground level.	Site observations
Number, Age, and Depth of Levels Below Ground Level	No levels below ground.	Site observations
Number and Details of all Aboveground Storage Tanks ("ASTs")	One 1000 Gal (approx. 2785 L) Superior propane tank was located on Site. No liquid fuel ASTs were observed or reported on the Phase One Property.	Site observations and Site Representative
Number and Details of all Underground Storage Tanks ("USTs")	No USTs, besides the waste water holding tank, were observed or reported on the Phase One Property.	Site observations and Site Representative
Underground Utilities Potable and Non-Potable Water Sources	The potable water comes from a well located on the Phase One Property.	Site Representative
Utility Lines Present (i.e. Electrical, Natural Gas, other)	Electrical power is distributed through underground services. An emergency propane generator is located on site. No other services are present.	Site Representative
Sanitary/Process Wastewater Receptor	Two washrooms and a kitchenette are present on Site. Wastewater is collected in a holding tank which gets pumped on a as per needed basis.	Site observations
Sanitary Sewer Connection	No sanitary sewer connection is present at the Site.	Site observations, Site representative
Septic Systems	No septic system is present, only a holding tank.	Site observations, Site representative
Storm Water Flow	Infiltration.	Site observations
Storm Sewer Connection	A storm sewer connection is not present at the Site.	Site observations, Site representative
Interior of Structures Entry and Exit Points for Site Buildings	The entire yard has a barbed wire fence with one large gate for vehicles and one door from the office building into the yard. The main office building has a two-door entry where the second doors requires an electronic key to enter. The office has a rear door which leads into the yard. The second building which is a storage building has one regular door and two large truck sized doors. No other doors observed	Site observations

Topic	Observations	Source
Existing and Former Heating System(s) (include fuel type / source)	Existing heating system is electric. Previously, this site was a residential dwelling since at least 1975, for which the heating source is unknown.	Site observations, Site representative
Existing and Former Cooling System(s) (include fuel type / source)	Existing cooling system is electric cooling. Two wall mounted units were observed.	Site observations, Site representative
Drains, Pits, and Sumps (include current use, if any, and former use)	Neither of the two buildings have drains, pits, or sumps of any type.	Site observations, Site representative
Unidentified Substances	None identified.	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified.	Site observations
Miscellaneous Exterior Location of any Current and Former Wells	There is one water supply well (WWIS-1) present on site which was constructed in 1975 at 3450 Frank Kenny Road (residential dwelling) to a depth of 56.4 m into the bedrock.	Site observations
Ground Cover (i.e. grass, gravel, soil, or pavement, etc.)	The majority of the Phase One Property was a gravel yard with the southern half of the Site occupied by vacant land and a part of a farm field. The surrounding areas are mainly agricultural fields with the exception of the bus storage yard which is paved.	Site observations
Current or Former Railway Lines or Spurs	None observed or reported.	Site observations.
Presence of Stained Soil, Vegetation, or Pavement	None observed.	Site observations
Presence of Stressed Vegetation	None observed.	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	The foundation of the yard is imported gravel which has been compacted.	Site observations, Site representative
Unidentified Substances	None identified.	Site observations

5.2.1 Enhanced Investigation Property

The Site is not considered to be an enhanced investigation property.

5.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include a school bus depot which has a maintenance area and agricultural land uses.

North (up/cross gradient): The area north of the Phase One Property was developed into a bus depot which has multiple ASTs, likely used to fuel vehicles. Vehicle maintenance is performed on the busses at this location. Past the bus depot is forested land.

East (up/cross gradient): Frank Kenny Road, followed by agricultural fields.

West (downgradient): Agricultural fields.

South (downgradient): Colonial Road, followed by agricultural fields.

5.4 Written Description of Investigation

At the time of the Site reconnaissance, conducted on June 8th, 2022, the Phase One Property consisted of a 2.54 hectare parcel of mixed developed and undeveloped land. Two buildings; an office and a storage building were noted on the north half of the Phase One Property with the south half being undeveloped or being used for agriculture. The surrounding properties within the Phase One Study Area included a bus yard with observed ASTs and agricultural land uses.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses of the Phase One Property

The following summarizes the current and past uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Sometime prior to 1975	N/A	Unknown	Unknown	The earliest available aerial image from 1975 shows a residential dwelling. No prior knowledge of the land is available, however the Site representative indicated the Site was likely agricultural land prior at one point in time.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Sometime prior to 1975 to sometime after 2011	N/A	Residential/agricultural	Residential/agricultural	The aerial image from 1975 show a residential dwelling surrounded by agricultural land.
Sometime after 2011 to present	Hydro One	Hydro One and agricultural	Mix commercial and agricultural	The residential dwelling was no longer present in the aerial image from 2011, where it appears that construction on the Hydro One facility was underway.

The Phase One Property was previously used for agricultural purposes since prior to 1965 to the present. The Phase One Property is currently a Hydro One yard with two buildings.

6.2 Potentially Contaminating Activity

Any PCA on the Phase One Property or in the Phase One Study Area may require the identification of an area of potential environmental concern ("APEC") and trigger the need for a Phase Two ESA to support the filing of a Record of Site Condition. The PCAs identified at the Phase One Property and in the Phase One Study Area are provided in the following table. The PCA locations are presented in Figure 3.

Location	Identification Number	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	3	#30 Importation of Fill Material of Unknown Quality – Fill was reported imported to the Phase One Property to create the yard.	Previous report and Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
	4	59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Treated damaged hydro poles in the western portion of the yard.	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.
	5	40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing,	Site observations	The PCA is located on the Phase One Property and must be identified as an APEC.

Location	Identification Number	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
		Processing, Bulk Storage and Large-Scale Applications – Previous and current Site use as agricultural field.		
Phase One Study Area (excluding the Phase One Property)	2	#28 Gasoline and Associated Products Storage in Fixed Tanks – ASTs located at the bus depot to the north of the Site	Site observations, ERIS report	Based on the up-gradient location of this PCA to the Site, and the nature of impacts associated with this PCA which may migrate through groundwater, the presence of this PCA may impact the Phase One Property.
	1	52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems – Vehicles undergo routine maintenance at the bus depot located to the north of the Site	Site observations.	Based on the up-gradient location of this PCA to the Site, and the nature of impacts associated with this PCA which may migrate through groundwater, the presence of this PCA may impact the Phase One Property.

6.3 Areas of Potential Environmental Concern

The APECs identified at the Phase One Property are provided in the following table. The APEC locations are presented in Figure 4.

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (groundwater, soil and/or sediment)
APEC 1 – Lay down area for treated wood hydro poles.	On the north west portion of the Site.	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	On-Site	Metals (including hydride forming metals), PAHs (including creosote)	Soil and Groundwater

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (groundwater, soil and/or sediment)
APEC 2 - Fill of unknown quality.	In the yard area of the Site (northern portion).	#30. Importation of Fill Material of Unknown Quality	On-Site	Metals, hydride-forming metals	Soil
APEC 3 – Previous and current use as an agricultural field. Potential application of pesticides.	Entire Site	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Organochlorine Pesticides	Soil and Groundwater
APEC 4 – Potential groundwater contamination from up-gradient bus depot activities	Northern portion of Site	#28 Gasoline and Associated Products Storage in Fixed Tanks #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Off-Site	PHCs/BTEX	Groundwater

Notes

1 Area of potential environmental concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through, •(a) identification of past or present uses on, in or under the phase one property, and •(b) identification of potentially contaminating activity

2 Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area

3 Contaminants of potential concern specified using the method groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011

6.4 Conceptual Site Model

The following key features (as required by O.Reg. 153/04) are presented in Figures 1, 2, 3, and 4:

- Existing buildings and structures;
- Water bodies and areas of natural significance located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and,
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

The following describes the Phase One ESA CSM based on the information obtained and reviewed as part of this Phase One ESA:

- The Phase One Property consisted of one parcel of land measuring 6.28 acres (2.54 hectares) in area. Two buildings were present in the north part of the site, and farmland in the south part.
- No areas of natural significance were identified on or within 30 m of the Phase One Property.
- Potable water in the vicinity of the Phase One Property is provided by drinking water wells and is obtained from groundwater.
- At the time of the Phase One ESA, the Phase One Property was developed into a Hydro One yard sometime after 2011. Previous to this, the property was residential/agricultural. There are no indications that the Phase One Property was used for any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry cleaning facility;
- At the time of the Phase One ESA, the neighbouring properties within the Phase One Study Area consisted of industrial (bus garage to the north) and agricultural land uses.

- The following APECs and the associated contaminants of concern were identified:

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-Site or off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (groundwater, soil and/or sediment)
APEC 1 – Lay down area for treated wood hydro poles.	On the north west portion of the Site.	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	On-Site	Metals (including hydride forming metals), PAHs	Soil and Groundwater
APEC 2 - Fill of unknown quality.	In the yard area of the Site (northern portion).	#30. Importation of Fill Material of Unknown Quality	On-Site	Metals, hydride-forming metals	Soil
APEC 3 – Previous and current use as an agricultural field. Potential application of pesticides.	Entire Site	#40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Pesticides	Soil and Groundwater
APEC 4 – Potential groundwater contamination from up-gradient bus depot activities	Northern portion of Site	#28 Gasoline and Associated Products Storage in Fixed Tanks #52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Off-Site	PHCs, VOCs	Groundwater

- No underground utilities were present, other than hydro service and buried waste water holding tank on the Phase One Property;
- The majority of the Site consists of offshore marine deposits consisting of clay, silty clay & silt over a glacial till composed of clayey sand with some gravel and frequent cobbles.
- Groundwater flow is inferred to be towards the southwest. A plan of survey was not available for review and is required to satisfy the requirements of O.Reg. 153/04.

There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase One Conceptual Site Model or the findings of this Phase One ESA.

7.0 CONCLUSIONS

7.1 Need for a Phase Two ESA

Based on the information obtained and reviewed as part of this Phase One ESA, four APECs were identified at the Phase One Property. Accordingly, a Phase Two ESA is recommended.

8.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Geotechnical Investigation Proposed Hydro One Operations Facility 3406-3450 Frank Kenny Road Ottawa, Ontario – produced by Golder on behalf of J.L. Richards	January 2012
Hydrogeological Assessment Proposed Development - produced by GHD on behalf of J.L. Richards and obtained from J.L. Richards on behalf of Golder.	June 17, 2022
Eris Report – obtained by Eris on behalf of Golder	May 19, 2022
City Directory Search – Obtained by Eris on behalf of Golder	1992, 1996, 2001, 2006 and 2011
Aerial Photographs – reviewed online	1976, 1991, 2002, 2011, 2019
Google Earth Images, reviewed online.	2022

9.0 LIMITATIONS AND USE OF REPORT

This report (the “Report”) was prepared for the exclusive use of JL Richards & Associates for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. (“Golder”) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within Golder’s proposal. Distances noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information available to Golder as of the date of the Site visit. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time of the site visit and cannot be used to assess the effect of any subsequent changes in any laws or regulations and the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. Consult with a natural heritage specialist to confirm whether an area of natural significance may be present. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

10.0 CLOSURE

The Qualified Person confirms that the Phase One ESA was conducted and/or supervised by the Qualified Person and that all findings and conclusions of the Phase One ESA are included in the report.

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Signature Page

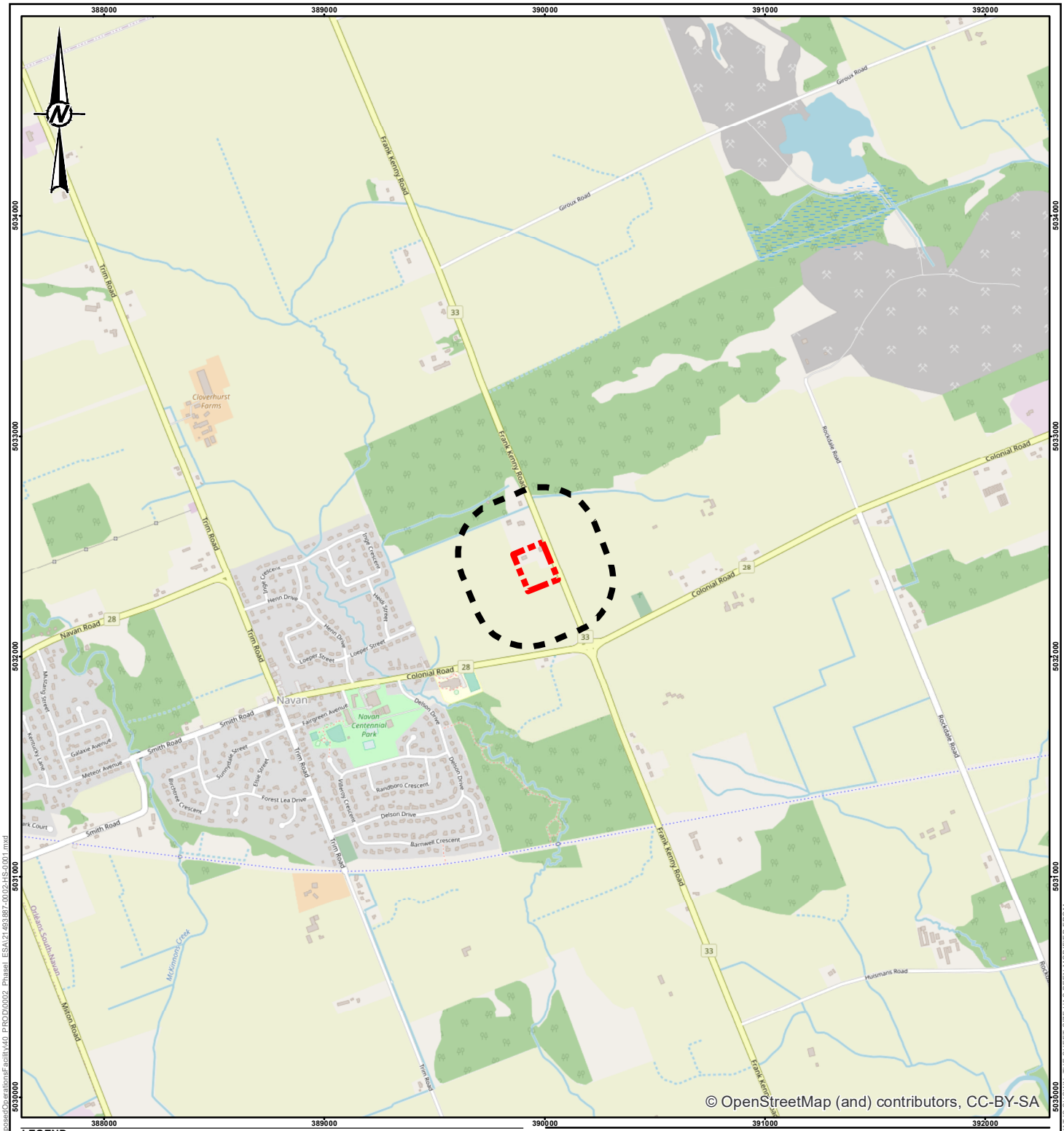
Golder Associates Ltd.

Philippe Chevrette, BEng
Environmental Consultant

Keith Holmes, MSc., PGeo
Principal Geoscientist

PAC/JD/KPH/ha
https://golderassociates.sharepoint.com/sites/152302/project files/6 deliverables/phase one esa/21493887_r_rev0_hydro one_phase one esa oct2022.docx

Figures



LEGEND

PHASE ONE PROPERTY BOUNDARY

PHASE ONE STUDY AREA

0 250 500 1,000

1:25,000 METRES

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT

J.L. RICHARDS & ASSOCIATES LIMITED

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
HYDRO ONE ORLEANS OC, PHASE 2
3440 FRANK KENNY ROAD, OTTAWA, ONTARIO

TITLE

KEY PLAN

CONSULTANT

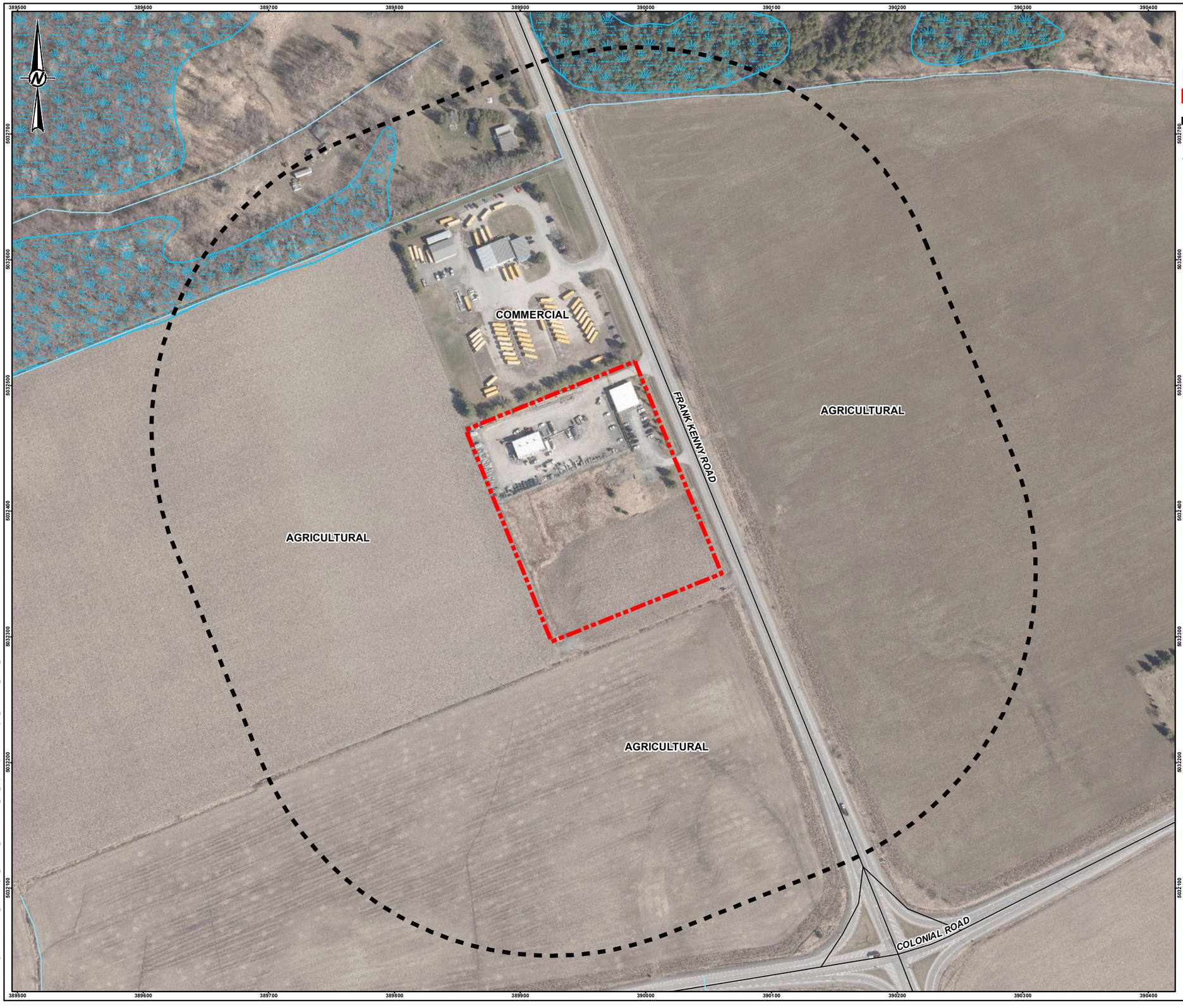
WSP GOLDER

YYYY-MM-DD	2022-06-20
DESIGNED	----
PREPARED	JEM
REVIEWED	PC
APPROVED	KPH

PROJECT NO.	CONTROL	REV.	FIGURE
21493887	0003	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

Path: S:\Clients\HydroOne\3406-3450_FrankKennyRd_Ottawa\93_PRO\21493887_JLR_ProposedOperationsFacility\40_PRO\0002_Phase1_ESA\21493887-0002-HS-0001.mxd



LEGEND

- ROADWAY
- WATERCOURSE
- WETLAND
- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 30 60 120
1:3,000 METRES

CLIENT
J.L. RICHARDS & ASSOCIATES LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
HYDRO ONE ORLEANS OC, PHASE 2
3440 FRANK KENNY ROAD, OTTAWA, ONTARIO

TITLE
PHASE ONE PROPERTY AND PHASE ONE STUDY AREA

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-10-06
DESIGNED	----
PREPARED	JEM
REVIEWED	CP
APPROVED	KPH

PROJECT No.	CONTROL	REV.	FIGURE
21493887	0003	0	**2**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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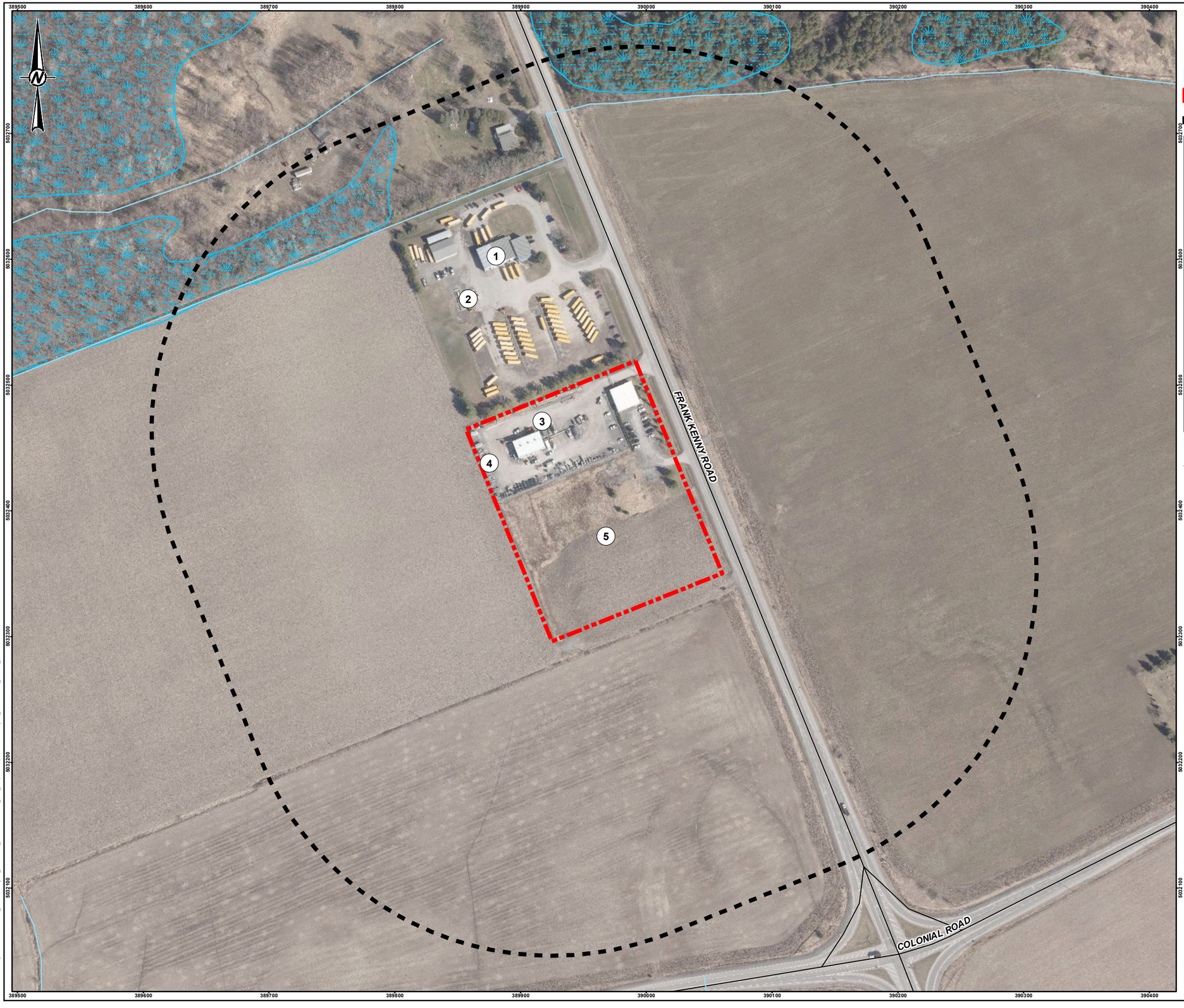

LEGEND

- ROADWAY
- WATERCOURSE
- WETLAND
- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA

PCA Location #	Potentially Contaminating Activity
1	***52. Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems -*** Bus depot to the north houses maintenance garage.
2	***#28. Gasoline and Associated Products in Fixed Tanks –*** ASTs located on bus depot to the north.
3	***#30 Importation of Fill Material of Unknown Quality –*** Fill was used to construct and grade the Site.
4	***59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products*** - Lay down area for treated wood hydropoles.
5	***40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications -*** Previous and current use as agricultural fields.

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 30 60 120
1:3,000 METRES

CLIENT
J.L. RICHARDS & ASSOCIATES LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
HYDRO ONE ORLEANS OC, PHASE 2
3440 FRANK KENNY ROAD, OTTAWA, ONTARIO

TITLE
POTENTIALLY CONTAMINATING ACTIVITIES

CONSULTANT
WSP GOLDER

YYYY-MM-DD	2022-06-22
DESIGNED	----
PREPARED	JEM
REVIEWED	CP
APPROVED	KPH

PROJECT No.	CONTROL	REV.	FIGURE
21493887	0003	0	**3**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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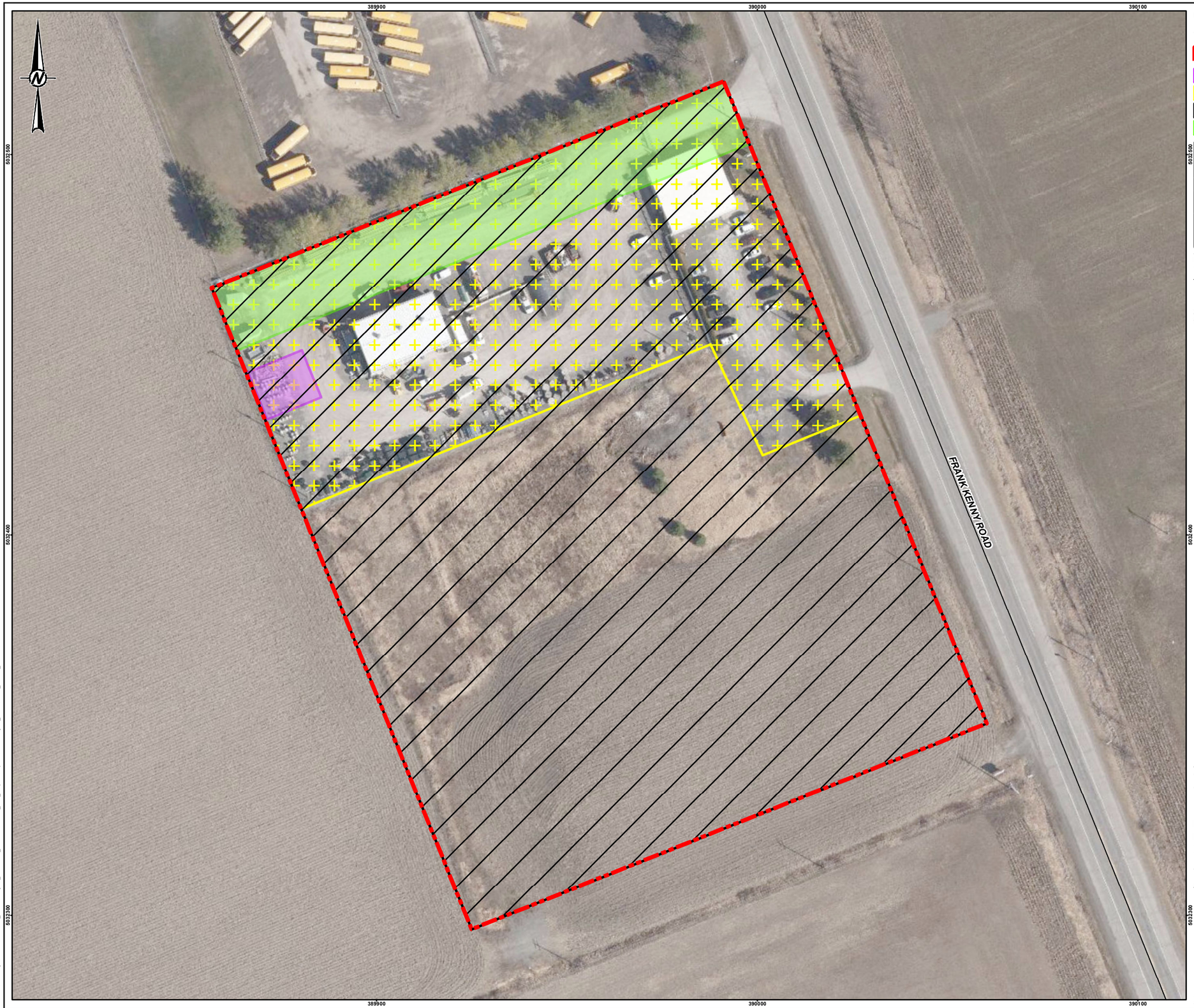

LEGEND

- ROADWAY
- PHASE ONE PROPERTY BOUNDARY
- APEC 1
- APEC 2
- APEC 3
- APEC 4

APEC Location #	PCA Location #	Area of Potential Environmental Concern
1	4	**1.** Lay down area for treated wood hydropoles.
2	3	**2.** Fill of unknown quality
3	5	**3.** Previous and current use as agricultural fields. Potential application of pesticides.
4	1,2	**4.** Potential groundwater contamination from upgradient bus depot activities (maintenance garagae and ASTs).

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 10 20 40
1:1,000 METRES

CLIENT
J.L. RICHARDS & ASSOCIATES LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
HYDRO ONE ORLEANS OC, PHASE 2
3440 FRANK KENNY ROAD, OTTAWA, ONTARIO

TITLE
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

CONSULTANT
wsp GOLDER

YYYY-MM-DD	2022-07-28
DESIGNED	----
PREPARED	JEM
REVIEWED	CP
APPROVED	KPH

PROJECT No.	CONTROL	REV.	FIGURE
21493887	0003	0	**4**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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APPENDIX A

ERIS Report

DATABASE REPORT

Project Property:	*3440 frank kenny* *3440 FRANK KENNY RD* *Navan ON K4B 1H9*
Project No:	*21493887*
Report Type:	*Standard Report*
Order No:	*22051601531*
Requested by:	*Golder Associates LTD.*
Date Completed:	*May 19, 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:	*3440 frank kenny* *3440 FRANK KENNY RD Navan ON K4B 1H9*
Project No:	*21493887*

Coordinates:

Latitude:	*45.4271615*
Longitude:	*-75.4113981*
UTM Northing:	*5,030,486.72*
UTM Easting:	*467,817.37*
UTM Zone:	*18T*

Elevation:	*282 FT* *85.97 M*

Order Information:

Order No:	*22051601531*
Date Requested:	*May 16, 2022*
Requested by:	*Golder Associates LTD.*
Report Type:	*Standard Report*

Historical/Products:

City Directory Search	*CD - Subject Site plus 5 Adjacent Properties*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	1	1
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	2	2
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	15	15
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	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	0	0
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	0	2	2
	Total:		0	24	24

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	ECA	743120 Ontario Inc.	3450 Frank Kenny Rd Ottawa ON	W/58.7	-1.08	15
2	EHS		3450 Frank Kenny Rd Orleans ON	SW/106.4	-1.08	15
3	WWIS		lot 10 con 8 ON ***Well ID:*** 1515217	SE/113.2	-1.08	15
4	WWIS		3450 FRANK KENNY ST lot 10 con 8 Ottawa ON ***Well ID:*** 7175033	S/115.1	-1.08	18
5	PRT	M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW/132.0	-1.08	25
5	GEN	M.L. BRADLEY LTD	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	25
5	GEN	M.L. BRADLEY LTD. 27-598	3406 FRANK KENNY ROAD NAVAN CUMBERLAND ON K4B 1J3	NW/132.0	-1.08	25
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	25
5	FSTH	M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW/132.0	-1.08	26
5	FSTH	M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW/132.0	-1.08	26
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW/132.0	-1.08	26
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW/132.0	-1.08	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW/132.0	-1.08	27
5	FST	M.L. BRADLEY LIMITED	3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA ON	NW/132.0	-1.08	27
5	FST	M.L. BRADLEY LIMITED	3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA ON	NW/132.0	-1.08	28
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	28
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON	NW/132.0	-1.08	29
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	29
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	30
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	30
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	30
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	31
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	31
5	GEN	M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW/132.0	-1.08	32

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
743120 Ontario Inc.	3450 Frank Kenny Rd Ottawa ON	W	58.75	1

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	3450 Frank Kenny Rd Orleans ON	SW	106.37	2

FST - Fuel Storage Tank

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

Lower Elevation	Address	Direction	Distance (m)	Map Key
M.L. BRADLEY LIMITED	3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA ON	NW	132.02	5
M.L. BRADLEY LIMITED	3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA ON	NW	132.02	5

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW	132.02	5

M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW	132.02	5

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 15 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M.L. BRADLEY LTD. 27-598	3406 FRANK KENNY ROAD NAVAN CUMBERLAND ON K4B 1J3	NW	132.02	5
M.L. BRADLEY LTD	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1H9	NW	132.02	5

M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5
M. L. BRADLEY LTD.	3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	NW	132.02	5

PRT - Private and Retail Fuel Storage Tanks

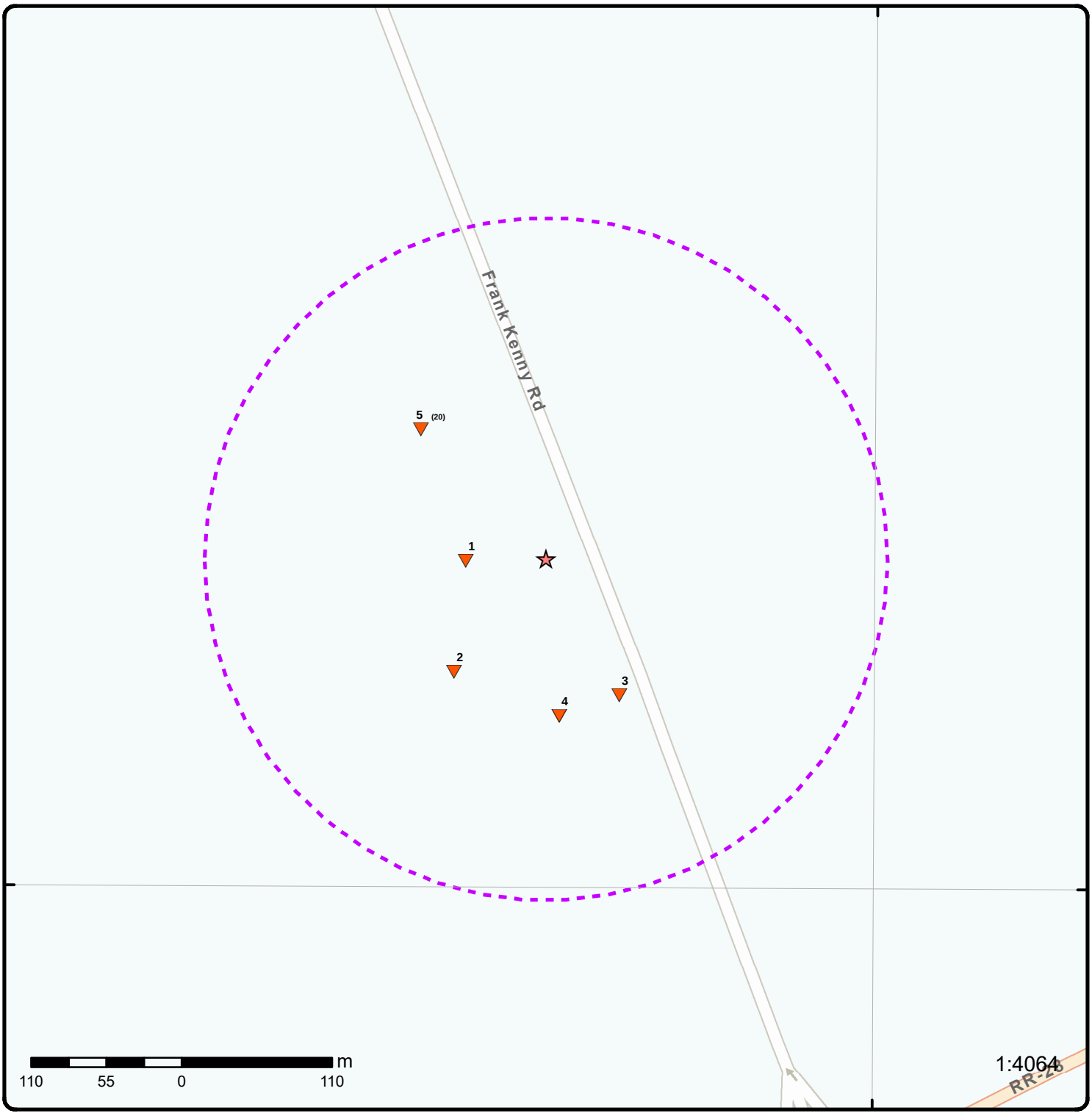
A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
M L BRADLEY	3406 FRANKENNEY RD CUMBERLAND TWP ON	NW	132.02	5

WWIS - Water Well Information System

A search of the WWIS database, dated Sep 30, 2021 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 10 con 8 ON ***Well ID:*** 1515217	SE	113.18	3
	3450 FRANK KENNY ST lot 10 con 8 Ottawa ON ***Well ID:*** 7175033	S	115.12	4



Map: 0.25 Kilometer Radius

Order Number: 22051601531

Address: 3440 FRANK KENNY RD, Navan, ON

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

75°24'W

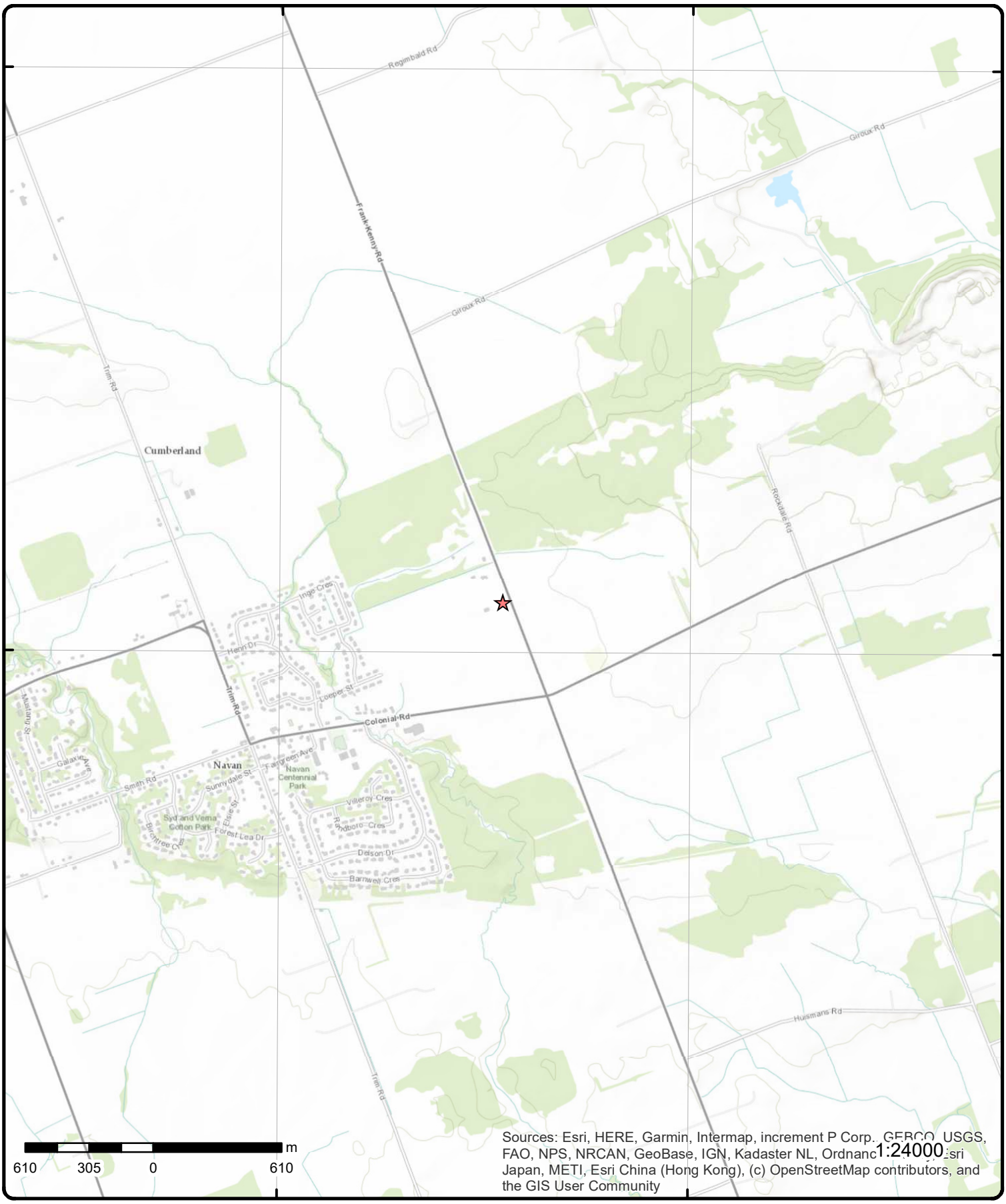
Aerial

Year: 2021

Order Number: 22051601531

Address: 3440 FRANK KENNY RD, Navan, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22051601531

Address: 3440 FRANK KENNY RD, 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	W/58.7	84.9 / -1.08	743120 Ontario Inc. 3450 Frank Kenny Rd Ottawa ON	ECA

Approval No: 3750-92FKEH
Approval Date: 2012-12-06
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: 743120 Ontario Inc.
Address: 3450 Frank Kenny Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7865-8W5JRS-14.pdf
PDF Site Location:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SW/106.4	84.9 / -1.08	3450 Frank Kenny Rd Orleans ON	EHS

Order No: 20110727034
Status: C
Report Type: Custom Report
Report Date: 8/8/2011
Date Received: 7/27/2011 1:31:00 PM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.412253
Y: 45.426417

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	SE/113.2	84.9 / -1.08	lot 10 con 8 ON	WWIS

Well ID: 1515217
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/3/1976
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515217.pdf

Additional Detail(s) (Map)

Well Completed Date: 1975/03/18
Year Completed: 1975
Depth (m): 56.388
Latitude: 45.4262664066952
Longitude: -75.4107073236454
Path: 151\1515217.pdf

Bore Hole Information

Bore Hole ID: 10037176
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 18-Mar-1975 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: 467870.90
North83: 5030387.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931028563
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: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931028564
Layer: 2
Color: 2
General Color: GREY
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 50.0

Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028565
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961515217
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10585746
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065656
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	15.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991515217
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	30.0
Pumping Rate:	30.0
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:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934100033
Test Type:	Recovery
Test Duration:	15
Test Level:	3.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934894962
Test Type:	Recovery
Test Duration:	60
Test Level:	3.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934646256
Test Type:	Recovery
Test Duration:	45
Test Level:	3.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934375955
Test Type:	Recovery
Test Duration:	30
Test Level:	3.0
Test Level UOM:	ft

Water Details

Water ID:	933471242
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	185.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	S/115.1	84.9 / -1.08	3450 FRANK KENNY ST lot 10 con 8 Ottawa ON	WWIS

Well ID:	7175033	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Commerical	***Date Received:***	1/17/2012
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	7417
Casing Material:		***Form Version:***	7
Audit No:	Z140701	***Owner:***	
Tag:	A116305	***Street Name:***	3450 FRANK KENNY ST
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	08

Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7175033.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/11/13
Year Completed:	2011
Depth (m):	24.3
Latitude:	45.4261293722711
Longitude:	-75.411267503804
Path:	717\7175033.pdf

Bore Hole Information

Bore Hole ID:	1003634180	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	467827.00
Code OB Desc:		**North83:**	5030372.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	13-Nov-2011 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:	1004118187
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	3.0999999046325684
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004118188
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

Mat2: 06
Mat2 Desc: SILT
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 3.0999999046325684
Formation End Depth: 8.899999618530273
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004118189
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 8.899999618530273
Formation End Depth: 24.299999237060547
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004118220
Layer: 1
Plug From: 0.0
Plug To: 10.899999618530273
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1004118219
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 1004118185
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004118194
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.6000000238418579
Depth To: 10.899999618530273
Casing Diameter: 15.550000190734863
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID:	1004118195
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	10.899999618530273
Depth To:	23.399999618530273
Casing Diameter:	15.550000190734863
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004118196
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1004118186
Pump Set At:	20.0
Static Level:	1.0399999618530273
Final Level After Pumping:	1.8700000047683716
Recommended Pump Depth:	
Pumping Rate:	56.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1004118198
Test Type:	Recovery
Test Duration:	2
Test Level:	1.100000023841858
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1004118202
Test Type:	Recovery
Test Duration:	5
Test Level:	2.059999942779541
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1004118208

Test Type: Recovery
Test Duration: 20
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118210
Test Type: Recovery
Test Duration: 25
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118212
Test Type: Recovery
Test Duration: 30
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118213
Test Type: Draw Down
Test Duration: 40
Test Level: 1.8799999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118214
Test Type: Recovery
Test Duration: 40
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118203
Test Type: Draw Down
Test Duration: 10
Test Level: 1.850000023841858
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118206
Test Type: Recovery
Test Duration: 15
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118209
Test Type: Draw Down
Test Duration: 25
Test Level: 1.8700000047683716
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118211
Test Type: Draw Down
Test Duration: 30
Test Level: 1.8700000047683716
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118200
Test Type: Recovery
Test Duration: 4
Test Level: 1.0800000429153442
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118201
Test Type: Draw Down
Test Duration: 5
Test Level: 1.690000057220459
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118197
Test Type: Recovery
Test Duration: 1
Test Level: 1.1699999570846558
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118199
Test Type: Recovery
Test Duration: 3
Test Level: 1.0800000429153442
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118215
Test Type: Draw Down
Test Duration: 50
Test Level: 1.8799999952316284
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118216
Test Type: Recovery
Test Duration: 50
Test Level: 1.0399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118207
Test Type: Draw Down
Test Duration: 20
Test Level: 1.8600000143051147
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118204
Test Type: Recovery
Test Duration: 10
Test Level: 1.0499999523162842
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118205
Test Type: Draw Down
Test Duration: 15
Test Level: 1.850000023841858
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004118217
Test Type: Draw Down
Test Duration: 60
Test Level: 1.8700000047683716
Test Level UOM: m

Water Details

Water ID: 1004118192
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 13.0
Water Found Depth UOM: m

Water Details

Water ID: 1004118193
Layer: 2
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004118190
Diameter: 24.700000762939453
Depth From: 0.0
Depth To: 10.899999618530273
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1004118191

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

Diameter: 15.550000190734863
Depth From: 10.899999618530273
Depth To: 24.299999237060547
Hole Depth UOM: m
Hole Diameter UOM: cm

---

5 | **1 of 20** | **NW/132.0** | **84.9 / -1.08**

M L BRADLEY
3406 FRANKENNEY RD
CUMBERLAND TWP ON

PRT

Location ID: 17603
Type: private
Expiry Date:
Capacity (L): 18184.00
Licence #: 0001069836

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5 | **2 of 20** | **NW/132.0** | **84.9 / -1.08**

M.L. BRADLEY LTD
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 3241
SIC Description: TRUCK & BUS BODY
Approval Years: 92,93,97,98
PO Box No:
Country:

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

Detail(s)

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

---

5 | **3 of 20** | **NW/132.0** | **84.9 / -1.08**

M.L. BRADLEY LTD. 27-598
3406 FRANK KENNY ROAD NAVAN
CUMBERLAND ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 3241
SIC Description: TRUCK & BUS BODY
Approval Years: 94,95,96
PO Box No:
Country:

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

Detail(s)

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

---

5 | **4 of 20** | **NW/132.0** | **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 3241
SIC Description: TRUCK & BUS BODY
Approval Years: 99,00,01,02,03,04,05,06,07,08
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

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

5 ***5 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M L BRADLEY***
3406 FRANKENNEY RD
CUMBERLAND TWP ON ***FSTH***

License Issue Date: 8/1/1991
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 4500
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 13600
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

---

5 ***6 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M L BRADLEY***
3406 FRANKENNEY RD
CUMBERLAND TWP ON ***FSTH***

License Issue Date: 8/1/1991
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 4500
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1991
Corrosion Protection:
Capacity: 13600
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

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5 ***7 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M. L. BRADLEY LTD.***
3406 FRANK KENNY ROAD
NAVAN ON K4B 1H9 ***GEN***

Generator No: ON1650100 ***Status:***
SIC Code: 485510 ***Co Admin:***

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

SIC Description: Charter Bus Industry
Approval Years: 2009
PO Box No:
Country:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

5 ***8 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M. L. BRADLEY LTD.***
3406 FRANK KENNY ROAD
NAVAN ON K4B 1H9 ***GEN***

Generator No: ON1650100
SIC Code: 485510
SIC Description: Charter Bus Industry
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

5 ***9 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M. L. BRADLEY LTD.***
3406 FRANK KENNY ROAD
NAVAN ON K4B 1H9 ***GEN***

Generator No: ON1650100
SIC Code: 485510
SIC Description: Charter Bus Industry
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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5 ***10 of 20*** ***NW/132.0*** ***84.9 / -1.08*** ***M.L. BRADLEY LIMITED***
3406 FRANKENNEY RD CUMBERLAND K4B 1J3
ON CA
ON ***FST***

Instance No:	11064960	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Diesel
Tank Type:	Single Wall UST	**Fuel Type2:**	NULL
Install Date:	7/10/1991	**Fuel Type3:**	NULL
Install Year:	1991	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	13600	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Sacrificial anode	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: M.L. BRADLEY LIMITED
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	11 of 20	NW/132.0	84.9 / -1.08	**M.L. BRADLEY LIMITED** **3406 FRANKENNEY RD CUMBERLAND K4B 1J3** **ON CA** **ON**	FST

Instance No:	11064934	**Manufacturer:**	
Status:		**Serial No:**	
Cont Name:		**Ulc Standard:**	
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	
Item:		**Unit of Measure:**	
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Single Wall UST	**Fuel Type2:**	NULL
Install Date:	7/10/1991	**Fuel Type3:**	NULL
Install Year:	1991	**Piping Steel:**	
Years in Service:		**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	4500	**No Underground:**	
Tank Material:	Steel	**Panam Related:**	
Corrosion Protect:	Sacrificial anode	**Panam Venue:**	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location:
Device Installed Location: 3406 FRANKENNEY RD CUMBERLAND K4B 1J3 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: M.L. BRADLEY LIMITED
Item: FS LIQUID FUEL TANK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	12 of 20	NW/132.0	84.9 / -1.08	**M. L. BRADLEY LTD.** **3406 FRANK KENNY ROAD** **NAVAN ON K4B 1J3**	GEN

Generator No: ON1650100
SIC Code: 485510
SIC Description: Charter Bus Industry
Approval Years: 2012
PO Box No:
Country:

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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5 | **13 of 20** | **NW/132.0** | **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON

GEN

Generator No: ON1650100
SIC Code: 485510
SIC Description:
Approval Years: 2013
PO Box No:
Country:

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

Detail(s)

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

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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5 | **14 of 20** | **NW/132.0** | **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 485510
SIC Description: 485510
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin: ANDREW DEAVY
Choice of Contact: CO_ADMIN
Phone No Admin: 613-835-2488 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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5 **15 of 20** **NW/132.0** **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 485510
SIC Description: 485510
Approval Years: 2015
PO Box No:
Country: Canada

Status:
Co Admin: ANDREW DEAVY
Choice of Contact: CO_ADMIN
Phone No Admin: 613-835-2488 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

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5 **16 of 20** **NW/132.0** **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
SIC Code: 485510
SIC Description: 485510
Approval Years: 2014
PO Box No:
Country: Canada

Status:
Co Admin: ANDREW DEAVY
Choice of Contact: CO_ADMIN
Phone No Admin: 613-835-2488 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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5 **17 of 20** **NW/132.0** **84.9 / -1.08**

M. L. BRADLEY LTD.
3406 FRANK KENNY ROAD
NAVAN ON K4B 1J3

GEN

Generator No: ON1650100
Status: Registered

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

SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	18 of 20	NW/132.0	84.9 / -1.08	M. L. BRADLEY LTD. 3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	GEN

Generator No: ON1650100
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	19 of 20	NW/132.0	84.9 / -1.08	M. L. BRADLEY LTD. 3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	GEN

Generator No: ON1650100
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: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	20 of 20	NW/132.0	84.9 / -1.08	M. L. BRADLEY LTD. 3406 FRANK KENNY ROAD NAVAN ON K4B 1J3	GEN

Generator No:	ON1650100	**Status:**	Registered
SIC Code:		**Co Admin:**	
SIC Description:		**Choice of Contact:**	
Approval Years:	As of Feb 2022	**Phone No Admin:**	
PO Box No:	BOX 70	**Contam. Facility:**	
Country:	Canada	**MHSW Facility:**	

Detail(s)

Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants

Unplottable Summary

Total: 66 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Ottawa-Carleton District School Board	Part of Lot 10, Concession 8, Geographic Township of Cumberland	Ottawa ON	
CA	Ottawa-Carleton District School Board	Part of Lot 10, Concession 8, Geographic Township of Cumberland	Ottawa ON	
DTNK		PRT LOT 10 CON 8 CUMBERLAND M5A 2H3	ON	
DTNK	J.T. BRADLEY'S COUNTRY CONVENIENCE (2005) INC	PRT LOT 10 CON 8 CUMBERLAND TWP M5A 2H3 ON CA	ON	
DTNK		PRT LOT 10 CON 8 CUMBERLAND M5A 2H3	ON	
EXP		PRT LOT 10 CON 8	CUMBERLAND ON	M5A 2H3
FST	J.T. BRADLEY'S COUNTRY CONVENIENCE (2005) INC	PRT LOT 10 CON 8 CUMBERLAND M5A 2H3 ON CA	ON	
PRT	JT BRADLEYS COUNTRY CONVENIENCE INC	PRT LOT 10 CON 8	CUMBERLAND TWP ON	
WWIS		lot 10	ON	
WWIS		lot 10	ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	
WWIS		lot 10	ON	
WWIS		lot 10	ON	
WWIS		lot 9	ON	
WWIS		lot 10	ON	
WWIS		con 7	ON	

WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 10	ON

WWIS	lot 10	ON
WWIS	lot 10	ON
WWIS	con 7	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	con 7	ON
WWIS	con 7	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 10	ON
WWIS	lot 10	ON
WWIS	lot 10	ON
WWIS	lot 9	ON

Unplottable Report

Site: ***Ottawa-Carleton District School Board***
Part of Lot 10, Concession 8, Geographic Township of Cumberland Ottawa ON

Database: ***CA***

Certificate #:	5281-6RNKKS
Application Year:	2006
Issue Date:	11/16/2006
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Ottawa-Carleton District School Board***
Part of Lot 10, Concession 8, Geographic Township of Cumberland Ottawa ON

Database: ***CA***

Certificate #:	2170-6ARMNA
Application Year:	2005
Issue Date:	3/31/2005
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
PRT LOT 10 CON 8 CUMBERLAND M5A 2H3 ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No:	9838366	***Expired Date:***	
Status:	Abandoned	***Max Hazard Rank:***	
Instance ID:		***Facility Location:***	PRT LOT 10 CON 8 CUMBERLAND M5A 2H3
Instance Type:		***Facility Type:***	FS Piping
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:***	FS GASOLINE STATION - FULL SERVE
ULC Standard:		***Piping Steel:***	1
Quantity:		***Piping Galvanized:***	1
Unit of Measure:		***Tank Single Wall St:***	0
Overfill Prot Type:		***Piping Underground:***	1
Creation Date:		***Tank Underground:***	0

Next Periodic Str DT: ***Source:*** FS Expired Facilities
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:
Original Source: EXP
Record Date: 31-MAY-2021

Site: ***J.T. BRADLEY'S COUNTRY CONVENIENCE (2005) INC***
PRT LOT 10 CON 8 CUMBERLAND TWP M5A 2H3 ON CA ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 10715615
Status: Abandoned
Instance ID:
Instance Type:
Instance Creation Dt: 6/5/1992
Instance Install Dt: 6/5/1992
Item Description: FS Liquid Fuel Tank
Manufacturer: NULL
Model: NULL
Serial No: NULL
ULC Standard: NULL
Quantity: 1
Unit of Measure: EA
Overfill Prot Type: NULL
Creation Date: 7/5/2009 1:20:29 AM
Next Periodic Str DT: NULL
TSSA Base Sched Cycle 2: NULL
TSSAMax Hazard Rank 1: NULL
TSSA Risk Based Periodic Yn: NULL
TSSA Volume of Directives: NULL
TSSA Periodic Exempt: NULL
TSSA Statutory Interval: NULL
TSSA Recd Insp Interva: NULL
TSSA Recd Tolerance: NULL
TSSA Program Area: NULL
TSSA Program Area 2: NULL
Description: UNDERGROUND TANK
Original Source: EXP
Record Date: 31-JUL-2020

Expired Date:
Max Hazard Rank: NULL
Facility Location: PRT LOT 10 CON 8 CUMBERLAND TWP M5A 2H3 ON CA
Facility Type: FS LIQUID FUEL TANK
Fuel Type 2: NULL
Fuel Type 3: NULL
Panam Related: NULL
Panam Venue Nm: NULL
External Identifier: NULL
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source: FS Liquid Fuel Tank

Site:
PRT LOT 10 CON 8 CUMBERLAND M5A 2H3 ON

Database: ***DTNK***

Delisted Expired Fuel Safety Facilities

Instance No: 9838366
Status: Abandoned
Instance ID:
Instance Type:
Instance Creation Dt:
Instance Install Dt:
Item Description:

Expired Date:
Max Hazard Rank:
Facility Location: PRT LOT 10 CON 8 CUMBERLAND M5A 2H3
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:

Manufacturer:		***Panam Venue Nm:***	
Model:		***External Identifier:***	
Serial No:		***Item:***	FS GASOLINE STATION - FULL SERVE
ULC Standard:		***Piping Steel:***	1
Quantity:		***Piping Galvanized:***	1
Unit of Measure:		***Tank Single Wall St:***	1
Overfill Prot Type:		***Piping Underground:***	1
Creation Date:		***Tank Underground:***	1
Next Periodic Str DT:		***Source:***	FS All Facility
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:			
Original Source:	EXP		
Record Date:	31-MAY-2021		

Site: ***Database:***
PRT LOT 10 CON 8 CUMBERLAND ON M5A 2H3 ***EXP***

Instance No:	9838366	***Model:***	
Status:	Abandoned	***Quantity:***	
Instance ID:		***Unit of Measure:***	
Instance Type:		***Fuel Type2:***	
Instance Creation Dt:		***Fuel Type3:***	
Instance Install Dt:		***Piping Steel:***	
Item:	FS GASOLINE STATION - FULL SERVE	***Piping Galvanized:***	
Item Description:		***Tank Single Wall St:***	
Facility Type:		***Piping Underground:***	
Overfill Prot Type:		***Tank Underground:***	
Creation Date:		***Panam Related:***	
Expired Date:		***Panam Venue Nm:***	
Manufacturer:			
Description:			
Serial No:			
Ulc Standard:			
Facility Location:			
Source:			

Details

Tank Underground:	1	***Piping Galvanized:***	0
Piping Underground:	0	***Piping Steel:***	0
Tank Single Wall St:	1	***Context:***	FS Liquid Fuel Tank

Details

Tank Underground:	0	***Piping Galvanized:***	1
Piping Underground:	1	***Piping Steel:***	1
Tank Single Wall St:	0	***Context:***	FS Piping

Site: ***J.T. BRADLEY'S COUNTRY CONVENIENCE (2005) INC*** ***Database:***
PRT LOT 10 CON 8 CUMBERLAND M5A 2H3 ON CA ON ***FST***

Instance No:	10715615	***Manufacturer:***	
Status:		***Serial No:***	
Cont Name:		***Ulc Standard:***	
Instance Type:		***Quantity:***	
Item:		***Unit of Measure:***	
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall UST	***Fuel Type2:***	NULL

Install Date:	6/5/1992	***Fuel Type3:***	NULL
Install Year:	1982	***Piping Steel:***	
Years in Service:		***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	9000	***No Underground:***	
Tank Material:	Steel	***Panam Related:***	
Corrosion Protect:	Sacrificial anode	***Panam Venue:***	
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: PRT LOT 10 CON 8 CUMBERLAND M5A 2H3 ON CA

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: J.T. BRADLEY'S COUNTRY CONVENIENCE (2005) INC
Item: FS LIQUID FUEL TANK

Site: ***JT BRADLEYS COUNTRY CONVENIENCE INC***
PRT LOT 10 CON 8 CUMBERLAND TWP ON

Database: ***PRT***

Location ID: 3675
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 13638
Licence #: 0076414655

Site:
lot 10 ON

Database: ***WWIS***

Well ID:	1525783	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/21/1991
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	100234	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047518	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	16-Aug-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: 931062264
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: 7.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062269
Layer: 7
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 67.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062267
Layer: 5
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 64.0
Formation End Depth: 66.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062266
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: 42.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062268
Layer: 6
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 80
Mat2 Desc: POROUS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 66.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062263
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 28
Most Common Material: SAND
Mat2: 85
Mat2 Desc: SOFT
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: 931062265
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 15.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111380
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525783
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596088
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083179
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 67.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083180
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525783
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 62.0
Recommended Pump Depth: 73.0
Pumping Rate: 8.0
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: 934389229
Test Type:
Test Duration: 30
Test Level: 62.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105153
Test Type:
Test Duration: 15
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906937
Test Type:
Test Duration: 60
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649759
Test Type:
Test Duration: 45
Test Level: 62.0
Test Level UOM: ft

Water Details

Water ID: 933484889
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1525566
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 095139
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/20/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047301
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09-Jul-1991 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: 931061631
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061630
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061629
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: 11.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111297
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525566
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595871
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082811
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: 991525566
Pump Set At:
Static Level: 31.0
Final Level After Pumping: 62.0
Recommended Pump Depth: 69.0
Pumping Rate: 14.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934906320
Test Type: Draw Down
Test Duration: 60
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104525
Test Type: Draw Down
Test Duration: 15

Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648721
Test Type: Draw Down
Test Duration: 45
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388183
Test Type: Draw Down
Test Duration: 30
Test Level: 57.0
Test Level UOM: ft

Water Details

Water ID: 933484600
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 74.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1525565
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 095137
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/20/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047300
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08-Jul-1991 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931061628
Layer: 2
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061627
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: 23.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111296
Layer: 1
Plug From: 2.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525565
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595870
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082810

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

Results of Well Yield Testing

Pump Test ID: 991525565
Pump Set At:
Static Level: 11.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 22.0
Pumping Rate: 19.0
Flowing Rate:
Recommended Pump Rate: 7.0
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: 45
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934906319
Test Type: Draw Down
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104524
Test Type: Draw Down
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648720
Test Type: Draw Down
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388182
Test Type: Draw Down
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933484599
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1525087
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 69497
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/1/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046829
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 25-Sep-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: 931060037
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060036

Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060035
Layer: 2
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060034
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: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111026
Layer: 1
Plug From: 4.0
Plug To: 25.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525087
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595399
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082020
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525087
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 60.0
Pumping Rate: 30.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111095
Test Type:
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904653
Test Type:
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386502
Test Type:
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656281
Test Type:
Test Duration: 45

Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933483953
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 128.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1525048
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 74625
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/12/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046790
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Sep-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: 931059893
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 88
Mat2 Desc: THICK
Mat3:
Mat3 Desc:

Formation Top Depth: 50.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059895
Layer: 5
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 78
Mat2 Desc: MEDIUM-GRAINED
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059891
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059894
Layer: 4
Color: 8
General Color: BLACK
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 59.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059892
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 00
Mat2 Desc: UNKNOWN TYPE

Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111009
Layer: 1
Plug From: 12.0
Plug To: 68.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525048
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595360
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081947
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525048
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 60.0
Pumping Rate: 30.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933483887
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	91.0
Water Found Depth UOM:	ft

Site:
lot 10 ON

Database:
WWIS

Well ID:	1524531	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/21/1990
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	69411	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046281	***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-Jun-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:	931058245
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931058244
Layer: 4
Color: 8
General Color: BLACK
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058241
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: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058243
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058242
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933110784
Layer:	1
Plug From:	0.0
Plug To:	25.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961524531
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10594851
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930081036
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	56.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991524531
Pump Set At:	
Static Level:	
Final Level After Pumping:	42.0
Recommended Pump Depth:	55.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	8.0
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:	934393135
Test Type:	
Test Duration:	30
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902483

Test Type:
Test Duration: 60
Test Level: 42.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108908
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654101
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933483185
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1524474
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 66785
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/22/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046224
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07-Mar-1990 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: 931058039
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 3.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058038
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: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058041
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058042
Layer: 5
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 120.0
Formation End Depth: 325.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058040
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110765
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524474
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594794
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080930
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: 991524474
Pump Set At:

Static Level:	180.0
Final Level After Pumping:	300.0
Recommended Pump Depth:	310.0
Pumping Rate:	5.0
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:	934108853
Test Type:	
Test Duration:	15
Test Level:	200.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934393080
Test Type:	
Test Duration:	30
Test Level:	230.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902428
Test Type:	
Test Duration:	60
Test Level:	300.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934654046
Test Type:	
Test Duration:	45
Test Level:	250.0
Test Level UOM:	ft

Water Details

Water ID:	933483116
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	322.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID:	1524471	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/22/1990
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517

Casing Material:		***Form Version:***	1
Audit No:	66784	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046221	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08-Mar-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:	931058029
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931058030
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931058031
Layer: 3
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: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058032
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 327.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110762
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524471
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594791
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080927
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: 991524471
Pump Set At:
Static Level: 150.0
Final Level After Pumping: 280.0
Recommended Pump Depth: 300.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108850
Test Type:
Test Duration: 15
Test Level: 200.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902425
Test Type:
Test Duration: 60
Test Level: 280.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654043
Test Type:
Test Duration: 45
Test Level: 260.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393077
Test Type:
Test Duration: 30
Test Level: 240.0
Test Level UOM: ft

Water Details

Water ID: 933483113
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 325.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID:	1524274	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/23/1990
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	68249	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10046046	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	16-Dec-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:	931057404
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	26
Most Common Material:	ROCK
Mat2:	01
Mat2 Desc:	FILL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931057405
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15

Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 300.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110646
Layer: 1
Plug From: 8.0
Plug To: 44.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524274
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10594616
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080639
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: 991524274
Pump Set At:
Static Level: 85.0
Final Level After Pumping: 210.0
Recommended Pump Depth: 290.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
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: 934653050
Test Type: Draw Down
Test Duration: 45
Test Level: 210.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392499
Test Type: Draw Down
Test Duration: 30
Test Level: 160.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108270
Test Type: Draw Down
Test Duration: 15
Test Level: 119.0
Test Level UOM: ft

Water Details

Water ID: 933482861
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 290.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482859
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482858
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482860
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 280.0
Water Found Depth UOM: ft

Site:
con 7 ON

Database: ***WWIS***

Well ID: 1524066
Construction Date:

Data Entry Status:
Data Src: 1

Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 51811
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Date Received: 11/27/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2348
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 07
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045838
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Aug-1989 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: 931056736
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056737
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:

Formation Top Depth: 10.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931056738
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524066
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10594408
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080243
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: 991524066
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 45.0
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934652427
Test Type:
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909628
Test Type:
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107228
Test Type:
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391456
Test Type:
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933482588
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1523916
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 40140
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/10/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10045688	***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-Sep-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:	931056200
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	330.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931056199
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933110484
Layer:	1
Plug From:	16.0
Plug To:	40.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961523916

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

Pipe Information

Pipe ID: 10594258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079962
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: 991523916
Pump Set At:
Static Level: 196.0
Final Level After Pumping: 210.0
Recommended Pump Depth: 310.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
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: 934106673
Test Type: Draw Down
Test Duration: 15
Test Level: 196.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390902
Test Type: Draw Down
Test Duration: 30
Test Level: 210.0
Test Level UOM: ft

Water Details

Water ID: 933482359
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 310.0

Water Found Depth UOM: ft

Water Details

Water ID: 933482357
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482358
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 305.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482356
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1523764
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 40136
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/2/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045538
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12-Jul-1989 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: 931055640
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055639
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055641
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 340.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110414
Layer: 1
Plug From: 16.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID:	961523764
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10594108
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930079700
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523764
Pump Set At:	
Static Level:	34.0
Final Level After Pumping:	198.0
Recommended Pump Depth:	320.0
Pumping Rate:	8.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934908531
Test Type:	Draw Down
Test Duration:	60
Test Level:	198.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106121
Test Type:	Draw Down
Test Duration:	15
Test Level:	64.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934390348
Test Type:	Draw Down

Test Duration: 30
Test Level: 98.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651325
Test Type: Draw Down
Test Duration: 45
Test Level: 140.0
Test Level UOM: ft

Water Details

Water ID: 933482151
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 148.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482153
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 280.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482150
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 86.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482154
Layer: 5
Kind Code: 1
Kind: FRESH
Water Found Depth: 320.0
Water Found Depth UOM: ft

Water Details

Water ID: 933482152
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1523557
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:

Data Entry Status:
Data Src: 1
Date Received: 7/11/1989
Selected Flag: TRUE

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	37604	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10045331	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	07-Jun-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:	931055026
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:	931055028
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	73.0
Formation End Depth:	75.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931055027
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110366
Layer: 1
Plug From: 5.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523557
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593901
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079307
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523557
Pump Set At:
Static Level: 14.0
Final Level After Pumping: 64.0
Recommended Pump Depth: 67.0
Pumping Rate: 11.0
Flowing Rate:
Recommended Pump Rate: 7.0

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: 45
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934389727
Test Type: Draw Down
Test Duration: 30
Test Level: 64.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907912
Test Type: Draw Down
Test Duration: 60
Test Level: 64.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105499
Test Type: Draw Down
Test Duration: 15
Test Level: 59.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650707
Test Type: Draw Down
Test Duration: 45
Test Level: 64.0
Test Level UOM: ft

Water Details

Water ID: 933481855
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1523526
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Commerical
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 44198
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:

Data Entry Status:
Data Src: 1
Date Received: 7/18/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045300
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-May-1989 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: 931054927
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054928
Layer: 4
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 67.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054926
Layer: 2

Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 31.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054925
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: 31.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110342
Layer: 1
Plug From: 2.0
Plug To: 30.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523526
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10593870
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079276
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 67.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991523526
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	75.0
Pumping Rate:	14.0
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:	
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934650258
Test Type:	
Test Duration:	45
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934105470
Test Type:	
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934389698
Test Type:	
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934907883
Test Type:	
Test Duration:	60
Test Level:	65.0
Test Level UOM:	ft

Water Details

Water ID:	933481824
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	43.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1523161
Construction Date:

Data Entry Status:
Data Src: 1

Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 37565
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Date Received: 1/31/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044966
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 20-Jan-1989 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: 931053755
Layer: 2
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053754
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: 18.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110121
Layer: 1
Plug From: 4.0
Plug To: 19.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523161
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593536
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078649
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 19.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523161
Pump Set At:
Static Level: 9.0
Final Level After Pumping: 84.0
Recommended Pump Depth: 86.0
Pumping Rate: 6.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 35
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934649131
Test Type: Draw Down
Test Duration: 45
Test Level: 84.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906752
Test Type: Draw Down
Test Duration: 60
Test Level: 84.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388568
Test Type: Draw Down
Test Duration: 30
Test Level: 68.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104336
Test Type: Draw Down
Test Duration: 15
Test Level: 37.0
Test Level UOM: ft

Water Details

Water ID: 933481331
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 59.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1523052
Construction Date:
Primary Water Use: Cooling And A/C
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 40103
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/16/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044858
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-Oct-1988 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: 931053368
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 00
Mat2 Desc: UNKNOWN TYPE
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053369
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053370
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 253.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110086
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523052
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593428
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078471
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523052
Pump Set At:
Static Level: 165.0
Final Level After Pumping: 165.0
Recommended Pump Depth:
Pumping Rate: 12.0
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: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112627
Test Type: Draw Down
Test Duration: 15
Test Level: 165.0
Test Level UOM: ft

Water Details

Water ID: 933481166
Layer: 3
Kind Code: 1

Kind: FRESH
Water Found Depth: 196.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481167
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 242.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481164
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 96.0
Water Found Depth UOM: ft

Water Details

Water ID: 933481165
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 134.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1523051
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 40102
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/16/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044857
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 14-Oct-1988 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: 931053367
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 328.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053365
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 00
Mat2 Desc: UNKNOWN TYPE
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053366
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 00
Mat3 Desc: UNKNOWN TYPE
Formation Top Depth: 1.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110085
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523051
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593427
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078470
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: 991523051
Pump Set At:
Static Level: 165.0
Final Level After Pumping: 165.0
Recommended Pump Depth: 310.0
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: 15
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112626
Test Type:
Test Duration: 15
Test Level: 165.0
Test Level UOM: ft

Water Details

Water ID: 933481162
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 240.0
Water Found Depth UOM: ft

Water Details

Water ID:	933481159
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933481160
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	132.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933481163
Layer:	5
Kind Code:	1
Kind:	FRESH
Water Found Depth:	289.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933481161
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	196.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID:	1523002	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/2/1988
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	13196	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044808	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 13-Oct-1988 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: 931053199
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
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: 931053203
Layer: 5
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 31
Mat2 Desc: COARSE GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 87.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053201
Layer: 3
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: 71.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053200
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053202
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 10
Mat2 Desc: COARSE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 87.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110059
Layer: 1
Plug From: 0.0
Plug To: 27.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523002
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593378
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078393
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 90.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991523002
Pump Set At:	
Static Level:	19.0
Final Level After Pumping:	76.0
Recommended Pump Depth:	85.0
Pumping Rate:	8.0
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:	934648563
Test Type:	Draw Down
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934112158
Test Type:	Draw Down
Test Duration:	15
Test Level:	44.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934388000
Test Type:	Draw Down
Test Duration:	30
Test Level:	59.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934906188
Test Type:	Draw Down
Test Duration:	60
Test Level:	76.0
Test Level UOM:	ft

Water Details

Water ID:	933481096
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

Site:
lot 10 ON

Database:
WWIS

Well ID:	1522530	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/15/1988
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	25553	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044342	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06-Jul-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:	931051771
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	270.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931051770
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	05
Mat2 Desc:	CLAY

Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109924
Layer: 1
Plug From: 0.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522530
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592912
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077551
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: 991522530
Pump Set At:
Static Level: 146.0
Final Level After Pumping: 260.0
Recommended Pump Depth: 260.0
Pumping Rate: 5.0
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: 934386293
Test Type: Draw Down

Test Duration: 30
Test Level: 200.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110448
Test Type: Draw Down
Test Duration: 15
Test Level: 160.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655672
Test Type: Draw Down
Test Duration: 45
Test Level: 245.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904497
Test Type: Draw Down
Test Duration: 60
Test Level: 260.0
Test Level UOM: ft

Water Details

Water ID: 933480450
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 268.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1522271
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 26027
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/24/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044084
DP2BR:

Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 23-Mar-1988 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931050772
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 5.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050773
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 7.0
Formation End Depth: 245.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050771
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933109781
Layer:	1
Plug From:	0.0
Plug To:	40.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961522271
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10592654
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930077104
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

Construction Record - Casing

Casing ID:	930077105
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:	991522271
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	240.0
Recommended Pump Depth:	230.0
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	4.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID: 934903446
Test Type:
Test Duration: 60
Test Level: 240.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109799
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655031
Test Type:
Test Duration: 45
Test Level: 200.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385782
Test Type:
Test Duration: 30
Test Level: 150.0
Test Level UOM: ft

Water Details

Water ID: 933480092
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 115.0
Water Found Depth UOM: ft

Water Details

Water ID: 933480093
Layer: 2
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 240.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1522236
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No: 21981
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 3/1/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP

Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044049
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 15-Apr-1987 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

Annular Space/Abandonment Sealing Record

Plug ID: 933109762
Layer: 1
Plug From: 200.0
Plug To: 278.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522236
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10592619
Casing No: 1
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 933326134
Layer: 1
Slot: 000
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID:	933480050
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID:	1522235	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/1/1988
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4006
Casing Material:		***Form Version:***	1
Audit No:	21980	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10044048	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	17-Apr-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:	931050669
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	71
Mat3 Desc:	FRACTURED
Formation Top Depth:	238.0
Formation End Depth:	241.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931050666
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3: 81
Mat3 Desc: SANDY
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050667
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 234.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050668
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 234.0
Formation End Depth: 238.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522235
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10592618
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930077043
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	240.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930077042
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	241.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991522235
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	30.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	12
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934109348
Test Type:	
Test Duration:	15
Test Level:	9.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934903415
Test Type:	
Test Duration:	60
Test Level:	10.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934385751
Test Type:	
Test Duration:	30
Test Level:	9.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934654582
Test Type:
Test Duration: 45
Test Level: 9.0
Test Level UOM: ft

Water Details

Water ID: 933480049
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 238.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1521936
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 12571
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/24/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043749
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 15-Oct-1987 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: 931049709
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: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049707
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: 931049708
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: 961521936
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592319
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076459
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 72.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521936
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 47.0
Recommended Pump Depth: 62.0
Pumping Rate: 25.0
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: 934392322
Test Type: Draw Down
Test Duration: 30
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108218
Test Type: Draw Down
Test Duration: 15
Test Level: 42.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653461
Test Type: Draw Down
Test Duration: 45
Test Level: 47.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902853
Test Type: Draw Down
Test Duration: 60
Test Level: 47.0
Test Level UOM: ft

Water Details

Water ID: 933479663
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.0
Water Found Depth UOM: ft

Site:

lot 9 ON

Database:
WWIS

Well ID:	1521766	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/28/1987
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	13790	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043582	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	03-Aug-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:	931049071
Layer:	1
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	02
Mat3 Desc:	TOPSOIL
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931049072
Layer:	2
Color:	2
General Color:	GREY

Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109569
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521766
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592152
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076148
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521766
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 170.0
Pumping Rate: 8.0
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:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934652892
Test Type:
Test Duration: 45
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391191
Test Type:
Test Duration: 30
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934910542
Test Type:
Test Duration: 60
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107648
Test Type:
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933479456
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1521572
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 12552
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/17/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10043394	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	30-Jun-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:	931048519
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:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931048520
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521572
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10591964
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930075802
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991521572
Pump Set At:	
Static Level:	7.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	19.0
Pumping Rate:	35.0
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:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934909940
Test Type:	Draw Down
Test Duration:	60
Test Level:	14.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652290
Test Type:	Draw Down
Test Duration:	45
Test Level:	14.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107047
Test Type:	Draw Down
Test Duration:	15
Test Level:	13.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934390729
Test Type:	Draw Down
Test Duration:	30
Test Level:	14.0
Test Level UOM:	ft

Water Details

Water ID:	933479195
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	24.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID:	1521464	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/3/1987
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4006
Casing Material:		***Form Version:***	1
Audit No:	06407	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043286	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	23-Jun-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:	931048139
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	241.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931048140
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 241.0
Formation End Depth: 243.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048141
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 243.0
Formation End Depth: 245.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048138
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: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109475
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521464
Method Construction Code: 2
Method Construction: Rotary (Convent.)

Other Method Construction:

Pipe Information

Pipe ID: 10591856
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075590
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 244.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075589
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 245.0
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521464
Pump Set At:
Static Level:
Final Level After Pumping: 235.0
Recommended Pump Depth: 150.0
Pumping Rate: 12.0
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: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934106530
Test Type: Recovery
Test Duration: 15
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651774
Test Type: Recovery
Test Duration: 45

Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908865
Test Type: Recovery
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390209
Test Type: Recovery
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933479040
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 243.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1521450
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/13/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043272
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 13-May-1987 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931048100
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048099
Layer: 2
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048101
Layer: 4
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 47.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931048098
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: 4.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521450
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591842
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075571
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: 991521450
Pump Set At:
Static Level: 24.0
Final Level After Pumping: 35.0
Recommended Pump Depth: 50.0
Pumping Rate: 30.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934651760
Test Type: Draw Down
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390195
Test Type: Draw Down
Test Duration: 30

Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106516
Test Type: Draw Down
Test Duration: 15
Test Level: 26.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908851
Test Type: Draw Down
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933479024
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1521099
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/2/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042936
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03-Sep-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931046825
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 128.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046823
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: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046824
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 3.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046826
Layer: 4
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 128.0
Formation End Depth: 142.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521099
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591506
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074941
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

Construction Record - Casing

Casing ID: 930074942
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 142.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521099
Pump Set At:
Static Level: 100.0
Final Level After Pumping: 142.0
Recommended Pump Depth: 125.0
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: 934105388
Test Type: Recovery
Test Duration: 15
Test Level: 109.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389626
Test Type: Recovery
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908286
Test Type: Recovery
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650639
Test Type: Recovery
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933478552
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 142.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1521093
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/2/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042930
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Sep-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: 931046807
Layer: 4
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 113.0
Formation End Depth: 293.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046805
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 5.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046804
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: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046806
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 113.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521093
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591500
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074931
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 293.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074930
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521093
Pump Set At:
Static Level: 103.0
Final Level After Pumping: 290.0
Recommended Pump Depth: 275.0
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: 934105382
Test Type: Recovery
Test Duration: 15
Test Level: 110.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908280
Test Type: Recovery
Test Duration: 60
Test Level: 103.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389620
Test Type: Recovery
Test Duration: 30
Test Level: 103.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650633
Test Type: Recovery
Test Duration: 45
Test Level: 103.0
Test Level UOM: ft

Water Details

Water ID: 933478543
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 293.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1520775
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 9/25/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA

Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042616
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11-Aug-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: 931045777
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: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045778
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: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931045779
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 57.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520775
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591186
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074376
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520775
Pump Set At:
Static Level: 34.0
Final Level After Pumping: 51.0
Recommended Pump Depth: 58.0
Pumping Rate: 14.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934104818
Test Type: Draw Down
Test Duration: 15
Test Level: 47.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387938
Test Type: Draw Down
Test Duration: 30
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649514
Test Type: Draw Down
Test Duration: 45
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906594
Test Type: Draw Down
Test Duration: 60
Test Level: 51.0
Test Level UOM: ft

Water Details

Water ID: 933478120
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1520443
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/19/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042286
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Nov-1985 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: 931044781
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 200.0
Formation End Depth: 210.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044779
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: 12.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044778
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044780
Layer: 3
Color: 2
General Color: GREY
Mat1: 07
Most Common Material: QUICKSAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 200.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109085
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520443
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590856
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073799
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 210.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520443
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 20.0
Pumping Rate: 20.0
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: 2

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111936
Test Type: Draw Down
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648945
Test Type: Draw Down
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906025
Test Type: Draw Down
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386800
Test Type: Draw Down
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933477688
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 210.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1520440
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 3/17/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042283
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 14-Sep-1985 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: 931044768
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044770
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931044769
Layer: 2
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND

Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 50.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933109082
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520440
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590853
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073794
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073793
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 55.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520440
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 65.0
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: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934648942
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906022
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111933
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386797
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933477685
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1517298
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 6/19/1980
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009

Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039175
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-Apr-1980 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: 931034726
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 10.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931034725
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931034727
Layer: 3
Color: 2

General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961517298
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10587745
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068607
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 19.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991517298
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 15.0
Recommended Pump Depth: 20.0
Pumping Rate: 20.0
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: 934102817
Test Type:
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934644739
Test Type:
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383659
Test Type:
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894014
Test Type:
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933473739
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 41.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1516907
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/28/1979
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10038796
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9

Date Completed: 28-Aug-1978 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931033544
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: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033547
Layer: 4
Color: 4
General Color: GREEN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 160.0
Formation End Depth: 166.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033546
Layer: 3
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 148.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033549
Layer: 6
Color: 2

General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 185.0
Formation End Depth: 305.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033548
Layer: 5
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 166.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033545
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 148.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961516907
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10587366
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068083
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: 991516907
Pump Set At:
Static Level: 125.0
Final Level After Pumping: 300.0
Recommended Pump Depth: 295.0
Pumping Rate: 12.0
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: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934382041
Test Type:
Test Duration: 30
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934643130
Test Type:
Test Duration: 45
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901031
Test Type:
Test Duration: 60
Test Level: 125.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102461
Test Type:
Test Duration: 15
Test Level: 190.0
Test Level UOM: ft

Water Details

Water ID: 933473291
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 305.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID:	1535825	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	9/29/2005
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	6907
Casing Material:		***Form Version:***	3
Audit No:	Z17653	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11316364	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	
Date Completed:	22-Sep-2005 00:00:00	***UTMRC Desc:***	
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:	932997254
Layer:	2
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	19.0
Formation End Depth:	77.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932997253
Layer:	1
Color:	
General Color:	

Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961535825
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11331219
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 11345704
Pump Set At: 75.0
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1525890
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91586
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/19/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10047625	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09-Nov-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:	931062589
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931062591
Layer:	4
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	286.0
Formation End Depth:	293.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931062590
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	77
Mat3 Desc:	LOOSE

Formation Top Depth: 150.0
Formation End Depth: 286.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062588
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111439
Layer: 1
Plug From: 0.0
Plug To: 290.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525890
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596195
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083408
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 290.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525890
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 140.0
Recommended Pump Depth: 280.0
Pumping Rate: 30.0

Flowing Rate:
Recommended Pump Rate: 15.0
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: 934907443
Test Type: Draw Down
Test Duration: 60
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105666
Test Type: Draw Down
Test Duration: 15
Test Level: 72.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389301
Test Type: Draw Down
Test Duration: 30
Test Level: 94.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649827
Test Type: Draw Down
Test Duration: 45
Test Level: 119.0
Test Level UOM: ft

Water Details

Water ID: 933485017
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 292.0
Water Found Depth UOM: ft

Site:
con 7 ON

Database: ***WWIS***

Well ID: 1534238
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 257362
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 10/20/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA

Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10543353	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	30-Sep-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:	932925420
Layer:	2
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	10.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932925419
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932925421
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3: 17
Mat3 Desc: SHALE
Formation Top Depth: 14.0
Formation End Depth: 83.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933241095
Layer: 1
Plug From: 0.0
Plug To: 26.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961534238
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11091923
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930098482
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930098484
Layer: 3
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: 930098483

Layer: 2
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: 991534238
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 83.0
Recommended Pump Depth: 70.0
Pumping Rate: 7.0
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934915168
Test Type: Recovery
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114147
Test Type: Recovery
Test Duration: 15
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397761
Test Type: Recovery
Test Duration: 30
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934657721
Test Type: Recovery
Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Water Details

Water ID: 934037200
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1533131
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 249137
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/25/2002
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10529878
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 22-Aug-2002 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: 932880227
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 34.0
Formation End Depth: 121.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932880225

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: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932880226
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 34.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933230202
Layer: 1
Plug From: 0.0
Plug To: 39.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961533131
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11078448
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930096296
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:	991533131
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	100.0
Pumping Rate:	25.0
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:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934119093
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934663227
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934911212
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934393943
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

Water Details

Water ID:	934022509
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	118.0
Water Found Depth UOM:	ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1532816 ***Data Entry Status:***

Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/16/2002
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:	235710	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10523944	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08-May-2002 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:	932857819
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932857820
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	

Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932857821
Layer: 3
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 72.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933225454
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532816
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11072514
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930095649
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: 991532816
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 40.0

Pumping Rate: 20.0
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: 934919415
Test Type: Draw Down
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934117979
Test Type: Draw Down
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934401591
Test Type: Draw Down
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662114
Test Type: Draw Down
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 934016528
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 74.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1532739
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 237309
Tag:

Data Entry Status:
Data Src: 1
Date Received: 5/22/2002
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
Street Name:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10523867
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05-Apr-2002 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: 932857599
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 202.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932857598
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: 4.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933225388
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532739
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11072437
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930095492
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

Construction Record - Casing

Casing ID: 930095493
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

Results of Well Yield Testing

Pump Test ID: 991532739
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 200.0
Recommended Pump Depth: 195.0
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: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934401526
Test Type: Recovery
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662049
Test Type: Recovery
Test Duration: 45
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934117914
Test Type: Recovery
Test Duration: 15
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934918933
Test Type: Recovery
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 934016437
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45.0
Water Found Depth UOM: ft

Water Details

Water ID: 934016438
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1531868
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 215682
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:

Data Entry Status:
Data Src: 1
Date Received: 5/23/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053402
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09-Mar-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: 931079753
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079757
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 176.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079752
Layer: 1

Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Mat2 Desc: SANDY
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079754
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079756
Layer: 5
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 167.0
Formation End Depth: 176.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079755
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 167.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117003
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531868
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601972
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093577
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: 991531868
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 120.0
Pumping Rate: 20.0
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934398816
Test Type: Draw Down
Test Duration: 30
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114644
Test Type: Draw Down
Test Duration: 15

Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658779
Test Type: Draw Down
Test Duration: 45
Test Level: 68.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915530
Test Type: Draw Down
Test Duration: 60
Test Level: 70.0
Test Level UOM: ft

Water Details

Water ID: 933492476
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 178.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1530687
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206736
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/11/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052221
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Jun-1999 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931076271
Layer: 4
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076270
Layer: 3
Color: 8
General Color: BLACK
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076272
Layer: 5
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 80
Mat2 Desc: POROUS
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076269
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT

Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076268
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: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115829
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530687
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10600791
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091121
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 54.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091120
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 48.0
Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530687
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 50.0
Pumping Rate: 11.0
Flowing Rate:
Recommended Pump Rate: 8.0
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: 934120032
Test Type: Recovery
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902789
Test Type: Recovery
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934664171
Test Type: Recovery
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385653
Test Type: Recovery
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933490905
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

Site:

lot 10 ON

Database:
WWIS

Well ID:	1530573	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/7/1999
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	191095	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052108	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	17-May-1999 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:	931075926
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931075925
Layer:	2
Color:	3
General Color:	BLUE

Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075927
Layer: 4
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 57.0
Formation End Depth: 69.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075924
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933115721
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530573
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10600678
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930090889
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	69.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930090888
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991530573
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	64.0
Pumping Rate:	12.0
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:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934385130
Test Type:	Recovery
Test Duration:	30
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934118954
Test Type:	Recovery
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934663093
Test Type:	Recovery

Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902684
Test Type: Recovery
Test Duration: 60
Test Level: 27.0
Test Level UOM: ft

Water Details

Water ID: 933490747
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1530507
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 191089
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/6/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052042
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-Jan-1999 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: 931075731
Layer: 4
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 61.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075730
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 35.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075728
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075729
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933115657
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530507
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10600612
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930090776
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	62.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930090775
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991530507
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	60.0
Pumping Rate:	8.0
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: 934663038
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385075
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118899
Test Type: Recovery
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902208
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933490671
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 5.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1530386
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 194593
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/1/1998
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10051921	***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-Oct-1998 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:	931075337
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931075338
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	335.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933115530
Layer:	1
Plug From:	40.0
Plug To:	0.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961530386
Method Construction Code:	4

Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10600491
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090529
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530386
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 335.0
Recommended Pump Depth: 330.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
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: 934911057
Test Type:
Test Duration: 60
Test Level: 152.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393363
Test Type:
Test Duration: 30
Test Level: 220.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118375
Test Type:
Test Duration: 15
Test Level: 275.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934662513
Test Type:	
Test Duration:	45
Test Level:	184.0
Test Level UOM:	ft

Water Details

Water ID:	933490494
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	301.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933490493
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.0
Water Found Depth UOM:	ft

Site:
con 7 ON

Database:
WWIS

Well ID:	1529304	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	1/8/1997
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	176114	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10050840	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	17-Dec-1996 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: 931072353
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: 32.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961529304
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10599410
Casing No: 1
Comment:
Alt Name:

Site:
con 7 ON

Database: ***WWIS***

Well ID: 1528923
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: 158966
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/22/1996
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 07
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050459
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:

Cluster Kind:
Date Completed: 20-Jun-1995 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

Method of Construction & Well Use

Method Construction ID: 961528923
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10599029
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088172
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 13.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528923
Pump Set At:
Static Level: 1.0
Final Level After Pumping: 33.0
Recommended Pump Depth:
Pumping Rate: 10.0
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: 0
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934658582
Test Type: Recovery
Test Duration: 45
Test Level: 1.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105781
Test Type: Recovery
Test Duration: 15
Test Level: 1.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389407
Test Type: Recovery
Test Duration: 30
Test Level: 1.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907107
Test Type: Recovery
Test Duration: 60
Test Level: 1.0
Test Level UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1528101
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 149852
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/10/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049640
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04-Aug-1994 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: 931068579
Layer: 3
Color: 6
General Color: BROWN
Mat1: 34
Most Common Material: TILL
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 51.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068577
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068580
Layer: 4
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 53.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068578
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112974
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528101
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10598210
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086740
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

Construction Record - Casing

Casing ID: 930086741
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 58.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528101
Pump Set At:
Static Level: 26.0
Final Level After Pumping: 31.0
Recommended Pump Depth: 50.0
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: 2
Pumping Duration MIN: 0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112365
Test Type: Draw Down
Test Duration: 15
Test Level: 29.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656502
Test Type: Draw Down
Test Duration: 45
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904873
Test Type: Draw Down
Test Duration: 60
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387174
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933487689
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database: ***WWIS***

Well ID: 1528100
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 149851
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src: 1
Date Received: 8/10/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10049639	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04-Aug-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:	931068576
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	56.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931068574
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
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:	931068575
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	

Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112973
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528100
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10598209
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086738
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 55.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086739
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 56.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528100
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 33.0
Recommended Pump Depth: 50.0
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: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934904872
Test Type: Draw Down
Test Duration: 60
Test Level: 33.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112364
Test Type: Draw Down
Test Duration: 15
Test Level: 32.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387173
Test Type: Draw Down
Test Duration: 30
Test Level: 33.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656501
Test Type: Draw Down
Test Duration: 45
Test Level: 33.0
Test Level UOM: ft

Water Details

Water ID: 933487688
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 55.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1528092
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 139512
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 8/25/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049632
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 16-Aug-1994 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: 931068555
Layer: 6
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 280.0
Formation End Depth: 290.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068552
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 160.0
Formation End Depth: 227.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068554
Layer: 5
Color: 2
General Color: GREY

Mat1: 07
Most Common Material: QUICKSAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 240.0
Formation End Depth: 280.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068556
Layer: 7
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 290.0
Formation End Depth: 293.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068553
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 227.0
Formation End Depth: 240.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068551
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931068550
Layer: 1

Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112966
Layer: 1
Plug From: 2.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528092
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10598202
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086728
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 290.0
Casing Diameter: 7.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528092
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 45.0
Recommended Pump Depth: 150.0
Pumping Rate: 40.0
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: 934904865
Test Type: Draw Down
Test Duration: 60
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112357
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387166
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656494
Test Type: Draw Down
Test Duration: 45
Test Level: 45.0
Test Level UOM: ft

Water Details

Water ID: 933487679
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 293.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1527591
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 139121
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/2/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10049226	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	16-Nov-1993 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:	931067125
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	190.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931067124
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	6.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931067126
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	

Formation Top Depth: 190.0
Formation End Depth: 203.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931067123
Layer: 1
Color: 2
General Color: GREY
Mat1: 01
Most Common Material: FILL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112568
Layer: 1
Plug From: 0.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527591
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597796
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085992
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

Construction Record - Casing

Casing ID: 930085993
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 203.0

Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527591
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 203.0
Recommended Pump Depth: 190.0
Pumping Rate: 25.0
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: 934111244
Test Type: Recovery
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655386
Test Type: Recovery
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386060
Test Type: Recovery
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903759
Test Type: Recovery
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933487101
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 190.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID:	1526655	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Cooling And A/C	***Date Received:***	10/19/1992
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6587
Casing Material:		***Form Version:***	1
Audit No:	116896	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	009
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10048346	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	14-Oct-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:	931064776
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931064779
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17

Most Common Material: SHALE
Mat2: 80
Mat2 Desc: POROUS
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064777
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064780
Layer: 5
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064778
Layer: 3
Color: 8
General Color: BLACK
Mat1: 14
Most Common Material: HARDPAN
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111873
Layer: 1
Plug From: 0.0

Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526655
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596916
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084639
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 77.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930084638
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 52.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526655
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 60.0
Recommended Pump Depth:
Pumping Rate: 12.0
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: 934392040
Test Type: Recovery

Test Duration: 30
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108406
Test Type: Recovery
Test Duration: 15
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909749
Test Type: Recovery
Test Duration: 60
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934652553
Test Type: Recovery
Test Duration: 45
Test Level: 6.0
Test Level UOM: ft

Water Details

Water ID: 933486032
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52.0
Water Found Depth UOM: ft

Water Details

Water ID: 933486033
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1526654
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116897
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6587
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048345
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 14-Oct-1992 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: 931064773
Layer: 3
Color: 8
General Color: BLACK
Mat1: 14
Most Common Material: HARDPAN
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064772
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064771
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL

Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064775
Layer: 5
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 47.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064774
Layer: 4
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 80
Mat2 Desc: POROUS
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111872
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526654
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596915
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930084636
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	47.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930084637
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	77.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991526654
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	70.0
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934652552
Test Type:	
Test Duration:	45
Test Level:	6.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934909748
Test Type:	
Test Duration:	60
Test Level:	6.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934392039
Test Type:	
Test Duration:	30
Test Level:	6.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108405
Test Type:
Test Duration: 15
Test Level: 6.0
Test Level UOM: ft

Water Details

Water ID: 933486031
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Water Details

Water ID: 933486030
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database: ***WWIS***

Well ID: 1526356
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 116369
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/8/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048069
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-Jun-1992 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931063936
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: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063937
Layer: 2
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111657
Layer: 1
Plug From: 3.0
Plug To: 25.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526356
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596639
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084154

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526356
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 38.0
Recommended Pump Depth:
Pumping Rate: 19.0
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: 20
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934107338
Test Type: Draw Down
Test Duration: 15
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651493
Test Type: Draw Down
Test Duration: 45
Test Level: 38.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909109
Test Type: Draw Down
Test Duration: 60
Test Level: 38.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390973
Test Type: Draw Down
Test Duration: 30
Test Level: 38.0
Test Level UOM: ft

Water Details

Water ID: 933485653
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1526355
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116370
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/8/1992
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048068
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-Jun-1992 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: 931063933
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: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063935

Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063934
Layer: 2
Color: 8
General Color: BLACK
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111656
Layer: 1
Plug From: 4.0
Plug To: 25.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526355
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596638
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084153
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:	991526355
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	37.0
Recommended Pump Depth:	38.0
Pumping Rate:	37.0
Flowing Rate:	
Recommended Pump Rate:	14.0
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:	40
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934909108
Test Type:	Draw Down
Test Duration:	60
Test Level:	37.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934390972
Test Type:	Draw Down
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107337
Test Type:	Draw Down
Test Duration:	15
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651492
Test Type:	Draw Down
Test Duration:	45
Test Level:	37.0
Test Level UOM:	ft

Water Details

Water ID:	933485652
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	41.0
Water Found Depth UOM:	ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1526145 ***Data Entry Status:***

Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/28/1992
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:	095193	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047878	***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-May-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:	931063359
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	261.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931063358
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: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063360
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 261.0
Formation End Depth: 267.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111545
Layer: 1
Plug From: 0.0
Plug To: 40.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961526145
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596448
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083815
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: 991526145
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 239.0
Recommended Pump Depth: 260.0

Pumping Rate: 7.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 45
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934650893
Test Type:
Test Duration: 45
Test Level: 238.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908091
Test Type:
Test Duration: 60
Test Level: 239.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390371
Test Type:
Test Duration: 30
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106737
Test Type:
Test Duration: 15
Test Level: 118.0
Test Level UOM: ft

Water Details

Water ID: 933485364
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Site:
lot 9 ON

Database:
WWIS

Well ID: 1525964
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91556
Tag:

Data Entry Status:
Data Src: 1
Date Received: 12/19/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047699
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 23-Sep-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: 931062805
Layer: 4
Color: 8
General Color: BLACK
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 69.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062802
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
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: 931062803
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 00
Mat2 Desc: UNKNOWN TYPE
Mat3:
Mat3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062806
Layer: 5
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 69.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062804
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 88
Mat2 Desc: THICK
Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111459
Layer: 1
Plug From: 12.0
Plug To: 70.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525964
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID:	10596269
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930083535
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525964
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	38.0
Recommended Pump Depth:	
Pumping Rate:	24.0
Flowing Rate:	
Recommended Pump Rate:	
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:	934106159
Test Type:	Draw Down
Test Duration:	15
Test Level:	38.0
Test Level UOM:	ft

Water Details

Water ID:	933485127
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.0
Water Found Depth UOM:	ft

Site:
lot 10 ON

Database:
WWIS

Well ID:	1525891	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/19/1991
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3749
Casing Material:		***Form Version:***	1
Audit No:	91581	***Owner:***	

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	010
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047626	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08-Oct-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:	931062593
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	88
Mat2 Desc:	THICK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931062595
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	59.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931062594
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	59.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931062592
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
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:	931062596
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	78
Mat2 Desc:	MEDIUM-GRAINED
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	67.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111440
Layer:	1
Plug From:	6.0
Plug To:	68.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961525891
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10596196
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930083409
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991525891
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	35.0
Recommended Pump Depth:	50.0
Pumping Rate:	10.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934105667
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

Water Details

Water ID:	933485018
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
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-Sep 30, 2021

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jan 2022

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Apr 30, 2022

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Apr 30, 2022

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Mar 31, 2022

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Mar 31, 2022

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Feb 28, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Apr 30, 2022

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011- Mar 31, 2022

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Apr 30, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2022

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

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

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011- Mar 31, 2022

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX B

Regulatory Responses

Chevrette, Philippe

From: Public Information Services <publicinformationservices@tssa.org>
Sent: May 25, 2022 1:48 PM
To: Chevrette, Philippe
Subject: RE: TSSA Search Request for 3440 Frank Kenny Road and Surrounding Properties in Ottawa

EXTERNAL EMAIL

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

NO RECORD FOUND IN CURRENT DATABASE

Hello,

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

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

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

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

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

Accessing the Service Prepayment Portal:

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

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind Regards,
Sherees

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

From: Chevrette, Philippe <Philippe_Chevrette@golder.com>
Sent: May 25, 2022 11:45 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Search Request for 3440 Frank Kenny Road and Surrounding Properties in Ottawa

Hello,

Please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contaminations records for the following properties located at:

- Frank Kenny Road, 3440,
- Frank Kenny Road, 3406,
- Frank Kenny Road, 3450,
- Frank Kenny Road, 3372,
- Frank Kenny Road, 3480,
- Colonial rd., 1740,

Kindly let me know if you have any queries.

Phil

Philippe Chevrette
Environmental Consultant

T: +1 613 592 9600

WSP GOLDER

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
wsp.com | **golder.com**

APPENDIX C

Photographic Record

Appendix C
Site Photographs

Photo 1: View of Office Building, facing northwest

Photo 2: View of Office Building, facing north from parking area

Appendix C
Site Photographs

Photo 3: Propane AST and generator in center of Site, facing southwest

Photo 4: Empty drums in northwest corner of yard

Appendix C
Site Photographs

Photo 5: Storage area for new posts on northern fence, facing northwest

Photo 6: Storage for new transformers on south boundary of yard area, facing southwest

Appendix C
Site Photographs

Photo 7: Waste sorting area; Waste, Metal, Wood, facing south

Photo 8: Warehouse building located in centre of Site, facing south

Appendix C
Site Photographs

Photo 9: Storage on west of warehouse building, facing east

Photo 10: Interior of warehouse building

Appendix C
Site Photographs

Photo 11: Damaged hydro pole storage on west fence, facing east

Photo 12: Holding tank for waste water near office building

Appendix C
Site Photographs

Photo 13: Surrounding Area looking north

Photo 14: Surrounding area looking northwest of site

Appendix C
Site Photographs

Photo 15: Surrounding area looking north of site, bus lot

Photo 16: View of Surrounding Area looking southeast

Appendix C
Site Photographs

Photo 17: View of agricultural field on southern portion of Site, facing west

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