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Phase I-Environmental Site Assessment

7000 Campeau Drive
Ottawa, Ontario

Prepared For
ClubLink Corporation ULC

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EXECUTIVE SUMMARY

Assessment

A Phase I-Environmental Site Assessment (ESA) was carried out for the property addressed 7000 Campeau Drive in the City of Ottawa, Ontario. The purpose of the Phase I-ESA was to research the past and current use of the site and study area and to identify environmental concerns with the potential to have impacted the subject property.

Based on the available historical information sources, the Phase I Property was originally vacant, undeveloped land, possibly used for agricultural purposes, until developed with a 9-hole golf course and Clubhouse during the interim of 1965 through 1968. Nine (9) additional fairways were added to the course at some time between 1976 and 1990. The existing Clubhouse, golf-cart charging station/storage building and maintenance building were reportedly constructed in the early 1990's.

The adjacent and neighbouring properties were historically vacant, undeveloped or agricultural lands. Residential subdivisions were developed around and immediately east of the golf course from the 1970's through the 1990's. No historical off-site PCAs were identified within the Phase I Study Area.

Following the historical review, a site visit was conducted. Based on the findings of the site visit, on-site PCAs include fuel stored in 2 aboveground storage tanks (ASTs) and the storage and application of pesticides and herbicides. These PCAs have resulted in areas of potential environmental concern (APECs) on the Phase I Property. At the time of the site visit, the current use of the adjacent and neighbouring properties within the Phase I ESA Study Area were observed from publicly accessible areas. No off-site PCAs were identified within the Phase I Study Area at the time of the site visit.

Recommendations

Based on the findings of the Phase I-ESA, it is our opinion that **a Phase II-ESA is required for the Phase I Property.**

Should the subject structures be demolished in conjunction with future redevelopment, a designated substance survey (DSS) must be conducted, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act prior to any demolition activities.

1.0 INTRODUCTION

At the request of ClubLink Corporation ULC (ClubLink), Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) of the property located at 7000 Campeau Drive in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the site and study area to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I-ESA by Mr. Robert Visentin of ClubLink. Mr. Visentin can be contacted by telephone at 416-220-2157.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	7000 Campeau Drive, Ottawa, Ontario.
Legal Description:	Part of Lots 5 and 6, Concession 3, in the City of Ottawa.
Property Identification Numbers:	04511-0214, 04512-1126 and 04513-0489
Location:	The subject site is located on the north side of Campeau Drive, east of Kanata Avenue. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 19' 17" N, 75° 34' 39" W

Site Description:

Configuration:	Irregular
Site Area:	71 ha (approximate)
Zoning:	O1A – Parks and Open Space
Current Use:	The property is currently occupied by the Kanata Lakes Golf and Country Club.
Services:	The Phase I Property is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the site.

First Developed Use Determination

The date of first developed use was determined based on a review of aerial photographs in combination with personal interviews and a local (Kanata, Ottawa) newspaper article. The subject property was reported to have originally consisted of vacant and/or agricultural lands, until developed with a 9-hole golf course circa 1965 through 1968 when the golf course officially opened. An aerial photograph from 1945 confirms that the subject land was originally vacant or used for agricultural purposes, while a 1976 aerial shows that the southern/southwestern portions of the Phase I Property were occupied by golf fairways and ponds.

Aerial photographs from the time the property was reportedly developed, were not available for review. For the purposes of this report, the Phase I Property is considered to have been first developed as a golf course in 1965.

Fire Insurance Plans

Fire insurance plans (FIPs) for the Phase I Property and surrounding lands are not available for review.

City of Ottawa Street Directories

City directories were reviewed in approximate 10 year intervals from 1980 to 2011. Kanata Avenue was not listed in the City of Ottawa directories in 1980 or 1990, and was first listed in the Kanata suburb directories in 1992. The Phase I Property was listed as the Kanata Lakes Golf and Country Club at this time. Neighbouring properties in the Phase I Study Area were listed primarily as residential dwellings with occasional institutional properties (schools). No potentially contaminating activities (PCAs) were identified through the directory review.

Chain of Title

Based on historical research, the property was originally owned and constructed by Bill Teron. ClubLink, the current property owner, took ownership of the golf course in 1996. Campeau and Genstar Corporations also owned the property for periods of time prior to 1996.

Plan of Survey

A plan of survey was not available for review at the time of the Phase I ESA.

Previous Engineering Reports

Paterson has completed environmental investigations several properties in the vicinity of the Phase I Property. A review of our files did not identify any PCAs with the potential to impact the Phase I Property.

Ms. Wendy Burgess, the Director of Corporate Environmental Policy and Operations with ClubLink, provided Paterson with excerpts from three (3) previous environmental assessments conducted on the Phase I Property in 1996, 2004 and 2006.

According to the information provided in the 1996 report, two (2) 2,270L aboveground storage tanks (ASTs) were present on the Phase I Property. The tanks were reportedly five (5) years old at the time. No visual evidence of leaks or spills were noted at the time of the assessment. It was recommended that consideration be given to providing the tanks with secondary containment. The application of pesticides common in the golf industry, was considered to be kept to a minimum and no further investigations were recommended at the time.

The excerpt from the May 2004 report, prepared by Golder Associates, indicated that while the site is fully serviced by municipal water, storm and sanitary sewers, water for irrigation and aesthetic purposes is provided via two (2) wells located both on and off site. The property is reported to have a MECP approved permit to take water. No evidence of underground storage tanks (USTs) was noted on the property at the time of the assessment, while three (3) ASTs were situated southwest of the maintenance building referred to as the Turf Building on the southeastern portion of the site. The ASTs consisted of the following: 920L waste oil, 1,380 L gasoline and 920 L diesel. The ASTs were double-walled and situated on a concrete pad. Pesticides were stored in a dedicated container with spill containment, labels and venting, located west of the Turf Building. The site contact interviewed at the time of the site assessment was unaware of any fuel spills or releases of chemical or hazardous products on the property.

No significant changes from the 2004 report were noted in the excerpt provided from a 2006 report prepared by Golder, with the exception of the replacement of the aforementioned gas and diesel ASTs, with 2,200L ASTs.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on May 22, 2018. The subject site was not listed in the NPRI database. Properties within the Phase I Study Area were not listed in the NPRI.

PCB Inventory

A search of the national PCB waste storage sites was conducted. No PCB waste storage sites were identified within the Phase I Study Area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments

Requests were submitted to the MECP Freedom of Information office, at the time of the original Phase I site visit, for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the sites comprising the Phase I Property. Based on the MECP response dated June 14, 2018, certificates of approval for air (1), municipal and private water works (2) and municipal and private sewage works (15) have been issued for the Phase I Property. Several permits to take water have also been issued for the Phase I Property. No potential environmental concerns were identified based on a review of the MECP response, a copy of which is provided in Appendix 2.

The Environmental Risk Information Services (ERIS) report discussed further below, identified several certificates of approval and environmental compliance approvals for properties within the Phase I Study Area. These records were not considered to represent potentially contaminating activities. A copy of the ERIS report is provided in Appendix 2.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No coal gasification plants were identified on the Phase I Property or within the Phase I Study Area.

MECP Incident Reports

Requests were submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the sites comprising the Phase I Property, or adjacent properties.

Based on the MECP response dated June 14, 2018, one incident report was identified for the Phase I Property. The incident report, dated July 10, 2003, indicated that a violation to PTTW#91-P-4026 was noted during the June 2003 permit to take water inspection. The violation consisted of failing to install flow meters on all pumping devices prior to the taking of water. No other incident reports were identified. A copy of the MECP response is provided in Appendix 2. Any pertinent information will be forwarded to the client upon receipt.

No MECP incident reports for properties within a 250m area were identified in the ERIS report provided in Appendix 2.

MECP Waste Management Records

Requests were submitted to the MECP Freedom of Information office for information with respect to waste management records. According to the MECP response dated June 14, 2018, small quantities of vehicle and hydraulic oil, waste naphtha petroleum from degreasing, waste crankcase oil, part cleaning solution and pesticides have been generated onsite and were disposed of by licenced waste disposal contractors. A copy of the MECP response is provided in Appendix 2.

Based on the information provided in the ERIS report previous noted and further discussed below, waste generator numbers were identified for several properties in the Phase I Study Area. These properties are not considered to represent a potential environmental concern to the Phase I Property. A copy of the ERIS report is provided in Appendix 2.

MECP Submissions

Requests were submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions that have been submitted to the MECP. The MECP response dated June 14, 2008, identified an occurrence report for the issuance of an emergency waste generator, generator registration reports and reports on the storage of subject waste, as discussed in the previous section. A copy of the information provided by the MECP is provided in Appendix 2. No records of MECP submission for neighbouring properties within the 250m study area were identified in the ERIS report, also provided in Appendix 2.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. No Records of Site Condition (RSCs) were filed for the Phase I Property or for properties within the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. The MECP document did not identify any landfill sites in the Phase I Study Area.

Areas of Natural Heritage and Significance Interest

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on March 22, 2018. The search did not identify any provincially significant life sciences or earth sciences areas of natural heritage and scientific interest on the Phase I Property or within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on May 22, 2018, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. According to the TSSA response dated May 22, 2018, no records were identified.

The TSSA was subsequently contacted on January 18, 2021 to inquire about additional properties within the 250m study area. Information was requested based on the nature of the property and the findings of the ERIS report, given the majority of the properties in the study area consist of single-family residential dwellings serviced with natural gas. One record for a non-licensed facility was identified for the property addressed 3501 Campeau Drive. Based on the residential nature of this site and the separation distance of approximately 65m from the subject property, this property is not considered to pose a concern to the subject land.

A copy of the 2018 and 2021 TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I-Identification of Sites, City of Ottawa", was reviewed. No former landfill sites were identified within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI 2005) database for the subject property. Based on the City response dated July 24, 2018, there are no activities associated with the Phase I Property. The HLUI database identified 24 activities associated with properties within 50m of the Phase I Property. It should be noted that previous activity identification numbers for 2 activities, have been included in the total: Activity ID 14502 has 8 previously associated activity identification numbers related to a pumping station and Activity ID 13805 has 8 previously associated activity identification numbers associated with an unnamed electric facility (Hydro corridor). The remaining activities identified by the HLUI database were associated with home-based businesses. None of the aforementioned activities are considered to be potentially contaminating activities (PCAs) and are not considered to represent areas of potential environmental concern (APECs) on the Phase I Property. A copy of the City of Ottawa response is provided in Appendix 2.

Environmental Risk Information Services (ERIS) Report

An ERIS (Environmental Risk Information Service) Report dated February 12, 2020, was obtained for the Phase I Property and properties within the Phase I ESA study area. The ERIS report provides a summary of available environmental records for the subject site and properties within the 250m search radius, obtained from various federal, provincial, and private databases. Based on the findings of the ERIS report no on-or off-site potentially contaminating activities (PCAs) were identified that would be considered to represent areas of potential environmental concern (APECs) on the Phase I Property. Waste generator numbers were identified for the Phase I Property and are considered to be associated with the maintenance area on Parcel 1, further discussed in Section 7.0. A copy of the ERIS report is provided in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate 10 year intervals. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

- 1945 The portion of the Phase I Property covered by the photograph is vacant, partially treed land. An apparent ditch or creek transects the site in an approximately northeast-southwest direction.

Adjacent properties to the north and east consist of vacant, undeveloped land or agricultural fields. The adjacent and neighbouring properties to the west and south are not covered in the photograph.

1976 (City of Ottawa, geoOttawa) The eastern portion of the Phase I Property has been developed with a 9-hole golf course and Clubhouse. The western portion of the aforementioned ditch or creek, appears to have been developed as a pond. Residential development has occurred to the north and south of Beaverbrook Road east of the Phase I Property. Adjacent and neighbouring properties to the north, west and south, remain undeveloped.

1984 The portion of the Phase I Property covered by the aerial appears to remain unchanged from the previous photograph. Additional residential development appears to have occurred just southeast of the Phase I Property. Otherwise the adjacent properties to the west and south appear to remain unchanged from the previous photograph. Note that the adjacent properties to the north are not covered by the aerial.

1990 The Phase I Property has been developed with nine (9) additional fairways. There is apparent activity on the fairway north of Knudson Drive and east of Westlock Way, which has been constructed since the previous photograph. The existing maintenance building on the southeastern portion of the property appears to be present, while the existing Clubhouse appears to be under construction on the southwestern portion of the site.

In addition to municipal roadways, residential properties have been constructed amongst the fairways, with several smaller streets and additional residential development underway. Campeau Drive has been constructed immediately south of the Phase I Property, running in an approximately east-west direction. Additional residential development has occurred to the north and east of the Phase I Property, with possible development underway to the west of the Phase I Property. The land to the south, across Campeau Drive, remains vacant.

1999 (City of Ottawa, geoOttawa) The former Clubhouse is no longer present on the northeastern portion of the Phase I Property.

Additional residential development has occurred to the north, east and west of the Phase I Property and also along the north side of Campeau Drive.

Institutional properties are present further west and east of the Phase I Property, while the land further to the southwest has been developed for commercial purposes.

- 2008 (City of Ottawa, geoOttawa) The Phase I Property appears to remain unchanged from the previous photograph. Additional residential development has occurred to the northwest of the Phase I Property. Several properties immediately south of the subject land, across Campeau Drive, appear to have been developed for residential purposes or are undergoing development.
- 2017 (City of Ottawa, geoOttawa) No significant changes appear to have been made to the Phase I Property. Residential development underway across Campeau Drive in the previous photograph, appears to have been completed. No other significant changes appear to have been made to the adjacent and neighbouring properties.

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic map depicts the golf course that occupies the Phase I Property, and indicates that the regional topography generally slopes down towards the Ottawa River to the north.

Two ponds are present on the Phase I Property. Based on the topographic map, a creek or ditch leads from the southernmost pond towards the northeast where it runs in an approximate north-south direction along the east property line. The Carp River is present approximately 1.4 km to the southwest of the Phase I Property, while Watt's Creek is present approximately 1.5m to the northwest of the Phase I Property. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

The Ontario Geological Survey publication 'The Physiography of Southern Ontario, Third Edition' was reviewed as a part of this assessment. According to the publication and attached mapping, the site is situated within the Ottawa

Valley Clay Plains physiographic region, described as “clay plains interrupted by ridges of rock or sand”.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, the bedrock in the area of the subject site is reported to consist of diorite of the Gabbro Formation and magmatic rocks of the Paragneiss Formation. Overburden soils are reported to consist primarily of Precambrian bedrock. Small areas of till and marine deposits of clay and silt, with a drift thickness on the order of 3 to 5m, were reported to exist on the southern portion of the Phase I Property.

Water Well Records

The online interactive well record mapping system was accessed on May 22, 2018. Well records were not identified for the Phase I Property although it was reported that the aesthetic and irrigation water is provided to the Phase I Property via drilled wells.

Ten (10) records for domestic wells were identified within the Phase I Study Area. The wells were installed between 1961 and 1987, with one well installed in 2007 (19 Borduas Court, immediately east of the Phase I Property). One record of for a potable well abandonment was also identified. All of the wells were installed within bedrock which was reported to consist of a combination of limestone, sandstone, quartzite and/or granite.

It should be noted that the Phase I Property and properties within the Phase I Study Area are currently provided with municipal drinking water. It is considered likely that the well installed in 2007 is part of a ground source heat pump system.

No monitoring wells were identified for the Phase I Property or for any properties within the Phase I Study Area.

Water Bodies and Areas of Natural Significance

No water bodies are present on the Phase I Property. The closest bodies of water include the Carp River, approximately 1.4km to the southwest, and Watt's Creek located approximately 1.5km to the east, outside of the Phase I Study Area. As noted previously there are two ponds on the Phase I Property, however these are man-made structures that have aesthetic, irrigation and storm-water purposes. No Areas of Natural Significance are present on the Phase I Property or are known to exist within the Phase I Study Area.

5.0 INTERVIEWS

Mr. Dany Lacombe, the Regional Director of Operations for ClubLink, was interviewed at the time of the site visit. To Mr. Lacombe's knowledge, the Phase I Property had been occupied by the golf course since at least the early 1990's and the buildings on the Phase I Property have always been heated with natural gas. Mr. Lacombe indicated that the pump house adjacent the pond on the southwestern portion of the site is operated with electricity and that no fuel is present within the building, which was inaccessible at the time of the site visit. Mr. Lacombe is unaware of any underground fuel storage or any spills associated with the existing aboveground storage tanks (ASTs) present on the Phase I Property.

Mr. Jamie Knorr, the golf course superintendent, was also interviewed at the time of the site assessment. Mr. Knorr indicated that he is unaware of any interior or exterior spills of fuel or chemicals (including pesticides) stored onsite. Mr. Knorr reported that a variety of pesticides are used in limited quantities, and are primarily applied to the fairways early in the spring, and as-needed through the summer and fall.

Ms. Wendy Burgess, the Director of Corporate Environmental Policy and Operations with ClubLink, was interviewed via email on May 8, 2018, regarding the on-site fuel storage and pesticide use. To her knowledge, double-walled ASTs have been situated on a concrete slab since 2004 or 2005, subsequent to the removal of previous single-walled ASTs. The aforementioned double-walled ASTs were replaced in 2010 as they did not meet the code for ventilation. Ms. Burgess indicated that she is unaware of any spills and that a spill containment plan is in place.

According to Ms. Burgess, pesticides and fertilizers are stored on the Phase I Property. Pesticides are stored in a storage cabinet that is locked, labelled and properly ventilated. Pesticides used on site are reportedly used in accordance with the Pesticides Act (Ontario Regulation 63/09).

The information obtained in these interviews is consistent with site information obtained from other sources and is considered to be valid.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on May 8, 2018, between 1:30 and 3:00 PM. Weather conditions were sunny, with a temperature of approximately 16° C. Personnel from the Environmental Department of Paterson Group conducted the site visit. In addition to the site, the uses of neighbouring properties within the Phase I-ESA study area were also assessed at the time of the site visit, from publicly accessible areas.

6.2 Specific Observations at Phase I Property

Buildings and Structures

The Clubhouse is a 2 storey structure with a walk-out basement level, situated on the southwestern portion of the Phase I Property. The building has a concrete foundation and is finished on the exterior with brick, wood siding and parging, as well as a peaked roof covered with asphaltic shingles. The building, reportedly constructed in the early 1990's with the second storey added circa 2001/2002, is heated and cooled with a combination of natural gas-fired equipment and electricity.

A one-storey building is situated immediately west of the Clubhouse. The building is constructed with a concrete slab-on-grade construction, is not heated, and houses charging stations for the electric golf carts used by the golf course.

A one-storey pump house, of concrete construction, is situated adjacent to the pond on the southwestern portion of the Phase I Property. The pump house is not heated.

A one-storey maintenance building referred to as the Turf Building, is situated on the southeastern portion of the Phase I Property. The building, reportedly constructed in the early 1990's, has a slab-on-grade foundation and is heated with a combination of natural-gas fired equipment and electricity.

Other structures onsite include a wash pad and concrete stalls for the storage of clean sand fill, situated to the southwest of the Turf Building.

Underground Utilities

On-site buried services consist of municipal water, sanitary and storm sewers, natural gas, electricity and telephone. An irrigation system is also present on the Phase I Property. Underground service locates were not completed as part of the Phase I ESA, nor were utility plans available for the subject land. The locations of the services are therefore unknown.

Site Features

Paved access lanes are present in the vicinity of the Clubhouse and golf cart storage, with a paved parking lot situated east of the Clubhouse. Paved walking paths are present through the golf course. Paved parking areas are also present north, west and south of the Turf Building, with a paved access laneway off of Campeau Drive. The remainder of the site consists of grassed fairways, landscaped roughs and sand pits. Two man-made ponds are present on the southwestern and northern portions of the Phase I Property. Site topography is generally undulating, with an overall gentle downward slope to the north. Site drainage consists primarily of sheet flow to catch basins in the paved areas, with surficial infiltration and some sheet flow to the aforementioned ponds in the landscaped areas.

A wash pad, used for washing lawn maintenance equipment, is situated southwest of the Turf Building. The wash pad is a closed circulating system consisting of a sub-grade holding tank and an above-grade settlement chamber. A filter is present over the drain to remove grass. Sediment is manually removed from the settlement chamber and wash water is reused.

Two (2) aboveground storage tanks containing gasoline and diesel fuel, are situated to the south of the Turf Building and wash pad. According to the tags on the ASTs, the double-walled tanks were constructed in 2010. Both tanks are situated on a concrete pad, within concrete barriers. The ASTs appeared to be in good condition at the time of the site visit, with only minor evidence of staining beneath the diesel AST.

Otherwise, no spills, staining, stressed vegetation, or visual or olfactory evidence of contamination was noted on the exterior of the Phase I Property at the time of the site visit.

With the exception of buried services, the irrigation system and the wash pad previously discussed, no evidence of other underground structures was noted on the exterior of the Phase I Property at the time of the site visit. Based on an excerpt of a previous report provided by ClubLink, the aesthetic and irrigation water supply is provided by two potable wells. One of the wells is reportedly situated on-site while the other is reportedly located off-site. The well locations were not observed at the time of the site visit.

Domestic waste and recycling generated from the Clubhouse and Turf Building is collected on a regular basis by a licenced contractor. Food grease generated from the Clubhouse restaurant is removed on regular basis by a licenced contractor. Used golf cart batteries and any waste fuels or chemicals generated at the Turf Building, are also collected by contractors licenced for this works.

Clean imported bunker sand is stored on site, within concrete stalls situated to the south of the aboveground storage tanks.

No evidence of recent excavation was observed on the exterior of the subject property. No evidence of current or former railway or spur lines on the subject land were observed at the time of the site visit. There were no unidentified substances observed on the exterior of the Phase I Property.

The above-noted site features are shown on Drawing PE4321-1 - Site Plan and Drawing PE4231-1A – Site Plan (Enlargement).

Interior Assessment

A general description of the interior of the subject buildings is provided below:

Clubhouse

- Floor materials consist of a combination of carpet, vinyl tile and poured concrete.
- Wall materials consist of a combination of gypsum board and poured concrete.
- Ceiling materials consist of gypsum board.
- Lighting throughout the building is provided by incandescent and fluorescent fixtures.

The building is heated with natural-gas fired heating and cooling equipment as well as electricity. Based on the date of construction (early 1990's through 2001/2002), potentially hazardous building products, such as asbestos containing materials (ACMs), lead based paints (LBPs) and polychlorinated biphenyls (PCBs) are not considered to be present within the structure. Sources of potential ozone-depleting substances include fire extinguishers, refrigerators and freezers.

In addition to the pro-shop, restaurant and common areas, the building houses mechanical/electrical rooms, an elevator room and a storage/maintenance room. The elevator pit was approximately 0.5m x 0.6m and approximately 1.4m deep. Two pipes were noted at the bottom of the pit; the pit was dry at the time of the site visit with no evidence of leaks or staining.

A grease trap is associated with the restaurant kitchen; it was not inspected at the time of the site assessment. Several floor drains were observed at the time of the site visit. The drains were observed to be dry. No other drains, sumps or pits were noted at the time of the site visit.

No ASTs or evidence of USTs were observed on the interior of the building at the time of the site visit. Chemical storage within the structure is limited to cleaning and maintenance chemicals including paint. All chemicals were properly stored in their original containers, with no evidence of spills or staining observed at the time of the site visit.

Golf Cart Storage

The interior of the storage building is unfinished; no hazardous building products (ACMs, LBPs, or PCBs) are considered to be present within the structure. No floor drains were observed in the structure at the time of the site visit. No ASTs or evidence of USTs were observed on the interior of the building at the time of the site visit. Minor quantities of fuels and lubricants were stored near the southwest corner of the building on a workbench or within a locked cabinet. No evidence of spills or staining were observed within the structure at the time of the site visit.

Pump House

This building was not accessible at the time of the site visit. According to Mr. Dany Lacombe with ClubLink, no fuels are stored on the interior of the building.

Turf Building

- Floor materials consist of a combination of vinyl tile and poured concrete.
- Wall materials consist of a combination of gypsum board and poured concrete or concrete block.
- Ceiling materials consist of gypsum board or unfinished metal roof decking.
- Lighting throughout the building is provided by incandescent and fluorescent fixtures.

The building is heated with natural gas-fired equipment and electricity. Based on the reported age of construction (early 1990's) no ACMs, LBPs or PCBs are considered to be present within the structure.

The turf building houses offices, a maintenance area and a storage warehouse. The maintenance area is used for the maintenance of equipment used onsite and contains an above-ground hoist and two reel grinders.

One floor drain was observed within the central portion of the warehouse. The drain reportedly leads to the municipal sewer system. Otherwise, no drains or pits were noted in the building at the time of the site visit.

No ASTs or evidence of USTs were observed on the interior of the building at the time of the site visit. Chemical storage within the maintenance area of the Turf Building, included 4 150-L drums and several 20-L pails of new or used engine oil. Small quantities (less than 1-L) of a variety of other fuels, lubricants and degreasers were also present. All fuels and chemicals were properly stored with no evidence of leakage or staining.

Minor staining was observed on the concrete floor in the vicinity of the aboveground hoist and is considered to have occurred during equipment repair. Adsorbent material had been placed on the stained area. As noted previously, no drains or pits were present within the maintenance area and the concrete floor was in very good condition, with no potential migratory pathways leading to the subsurface.

Equipment is stored within the warehouse portion of the building, along with dry fertilizer stored on shelves. Pesticides, herbicides and fungicides are stored in a locked storage unit adjacent to the exterior of the Turf Building. The storage unit is labelled and vented. No evidence of leaks or stains were observed on the interior of the unit.

Neighbouring Properties

An inspection of neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- North - Residential and institutional (Saint Rémi Catholic Elementary School at 100 Walden Drive);
- East - Residential and Parkland;
- South - Residential and/or Campeau Drive followed by residential and treed land;
- West - Residential followed by Kanata Avenue.

No concerns were identified with regards to the current uses of the immediately adjacent properties. Land use within Phase I Study Area also consists of residential, institutional and parkland. No off-site potentially contaminating activities (PCAs) were identified within the Phase I Study Area.

Current land use in the Phase I Study Area is illustrated on Drawing PE4321-2 – Surrounding Land Use Plan in the Figures section of this report, following the text.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the site as well as associated potentially contaminating activities dating back to the first developed use of the site.

Table 1 Land Use History				
Year	Name of Owner	Property Use	Description of Property Use	Other Observations from Aerial Photos, FIPs, etc.
Prior to 1965	Unknown (likely various private individuals)	Undeveloped	Agricultural or Other	Phase I Property vacant, undeveloped land in 1945 aerial.
1965 to 1968	Bill Teron	Golf course (under construction)	Commercial	Information obtained from Kanata news article.
1968 to 1996	Bill Teron, Genstar Corporation, Campeau Corporation	Golf course	Commercial	Aerials from 1976, 1984 and 1990 show property developed from a 9-hole to an 18-hole golf course with a clubhouse and maintenance building. (previous ownership obtained from Kanata news article)
1996 to present	ClubLink	Golf course	Commercial	No change in land use based on 1999, 2008 and 2017 aerials.

Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)

The presence of 2 ASTs and the storage and application of pesticides are on-site PCAs considered to result in APECs. Otherwise, no historical or current PCAs were identified on the Phase I Property.

No off-site PCAs were identified within the Phase I Study Area. The PCAs and resulting APECs are presented in Table 2 and on Drawing PE4321-1 – Site Plan and Drawing PE4321-1A – Site Plan (Enlargement).

Table 2 Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern with respect to Phase I 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 (resulting from the presence of two ASTs)	Southeastern portion of the Phase I Property	PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-site	BTEX PHCs (F ₁ -F ₄)	Soil, Groundwater
APEC 2 (resulting from the storage of pesticides and herbicides)	Southeastern portion of the Phase I Property	PCA 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-site	OC Pesticides ¹	Soil, Groundwater
APEC 3 (resulting from application of pesticides and herbicides)	Across the Phase I Property (fairways and landscaped areas)	PCA 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications.	On-site	OC Pesticides ¹	Soil
Note: <input type="checkbox"/> 1 – Organo-chlorine Pesticides					

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, the bedrock in the area of the subject site is reported to consist of diorite of the Gabbro Formation and magmatic rocks of the Paragneiss Formation. Overburden soils are reported to consist primarily of Precambrian bedrock. Small areas of till and marine deposits of clay and silt, with a drift thickness on the order of 3 to 5m, were reported to exist on the southern portion of the Phase I Property.

Groundwater flow is considered to be in a northerly direction, toward the Ottawa River.

Buildings and Structures

The Phase I Property is occupied by a 2-storey Clubhouse and restaurant, a 1-story golf cart storage structure, a pump house and a 1-storey maintenance building referred to as the Turf Building. Other structures include a wash pad and concrete stalls for the storage of bunker sand. All buildings and structures were reportedly constructed in the early 1990's and are present on the southern portion of the Phase I Property. Other structures onsite include a wash pad and concrete stalls for the storage of clean sand fill, situated to the southwest of the Turf Building.

Water Bodies

There are no water bodies on the Phase I Property. No bodies of water are present within the Phase I Property. The closest bodies of water are the Carp River and Watt's Creek, situated approximately 1.4km southwest and 1.5km east of the Phase I Property, respectively.

Areas of Natural Significance

No areas of natural significance were identified on the Phase I Property or within the Phase I ESA Study Area.

Drinking Water Wells

The online interactive well record mapping system was accessed on May 22, 2018. Potable well records were not identified for the Phase I Property although it has been reported that the aesthetic and irrigation water is provided to the Phase I Property by a drilled well.

Ten (10) records for domestic wells were identified within the Phase I Study Area. The wells were installed between 1961 and 1987, with one well installed in 2007. One record for a potable well abandonment was also identified. All of the wells were installed within bedrock which was reported to consist of a combination of limestone, sandstone, quartzite and/or granite.

It should be noted that the Phase I Property and properties within the Phase I Study Area are currently provided with municipal drinking water. It is considered likely that the well installed in 2007 is part of a ground source heat pump system.

Monitoring Well Records

No monitoring wells were identified for the Phase I Property or for any properties within the Phase I Study Area.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area is primarily residential with some parkland and institutional properties (schools).

Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs)

As presented in Table 2 in the previous section, on-site PCAs resulting in APECs on the Phase I Property include the storage of fuel (2 ASTs) as well as the storage and application of pesticides.

No historical or existing off-site PCAs were identified for properties within the Phase I Study Area. PCAs and resulting APECs are presented on Drawing PE4321-1 – Site Plan and Drawing PE4321-1A – Site Plan (Enlargement).

Contaminants of Potential Concern (CPCs)

CPCs identified with the aforementioned APECs include benzene, toluene, ethylbenzene and xylenes (BTEX), petroleum hydrocarbons (PHCs, F₁-F₄) and organo-chlorine pesticides in the soil and groundwater.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I-ESA is considered to be sufficient to conclude that there are PCAs on the Phase I Property which may have impacted the subject land. The presence of PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

Assessment

A Phase I-Environmental Site Assessment (ESA) was carried out for the property addressed 7000 Campeau Drive in the City of Ottawa, Ontario. The purpose of the Phase I-ESA was to research the past and current use of the site and study area and to identify environmental concerns with the potential to have impacted the subject property.

Based on the available historical information sources, the Phase I Property was originally vacant, undeveloped land, possibly used for agricultural purposes, until developed with a 9-hole golf course and Clubhouse during the interim of 1965 through 1968. Nine (9) additional fairways were added to the course at some time between 1976 and 1990. The existing Clubhouse, golf-cart charging station/storage building and maintenance building were reportedly constructed in the early 1990's.

The adjacent and neighbouring properties were historically vacant, undeveloped or agricultural lands. Residential subdivisions were developed around and immediately east of the golf course from the 1970's through the 1990's. No historical off-site PCAs were identified within the Phase I Study Area.

Following the historical review, a site visit was conducted. Based on the findings of the site visit, on-site PCAs include fuel stored in 2 aboveground storage tanks (ASTs) and the storage and application of pesticides. These PCAs have resulted in areas of potential environmental concern (APECs) on the Phase I Property. At the time of the site visit, the current use of the adjacent and neighbouring properties within the Phase I ESA Study Area were observed from publicly accessible areas. No off-site PCAs were identified within the Phase I Study Area at the time of the site visit.

Recommendations

Based on the findings of the Phase I-ESA, it is our opinion that **a Phase II-ESA is required for the Phase I Property.**

Should the subject structures be demolished in conjunction with future redevelopment, a designated substance survey (DSS) must be conducted for the existing structures, in accordance with Ontario Regulation 490/09 under the Occupational Health and Safety Act prior to any demolition activities.

9.0 STATEMENT OF LIMITATIONS

This Phase I-Environmental Site Assessment (ESA) report has been prepared in general accordance with O.Reg. 153/04 as amended by O.Reg. 269/11, and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

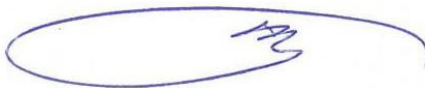
Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of ClubLink Corporation ULC. Permission and notification from ClubLink Corporation ULC and Paterson Group will be required to release this report to any other party.

Paterson Group Inc.



Karyn Munch, P.Eng., QP_{ESA}



Mark S. D'Arcy, P.Eng., QP_{ESA}

Report Distribution:

- ClubLink Corporation ULC
- Paterson Group

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Inventory.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
City of Ottawa Historical Land Use Inventory
The City of Ottawa eMap website.

Local Information Sources

Previous Engineering Reports.
Personal Interviews.
Kanata Kourier-Standard Newspaper.

Public Information Sources

Google Earth.
Google Maps/Street View.

Other

ERIS Report, dated February 12, 2020.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4321-1 – SITE PLAN

DRAWING PE4321-1A – SITE PLAN (ENLARGEMENT)

DRAWING PE4321-2 – SURROUNDING LAND USE PLAN

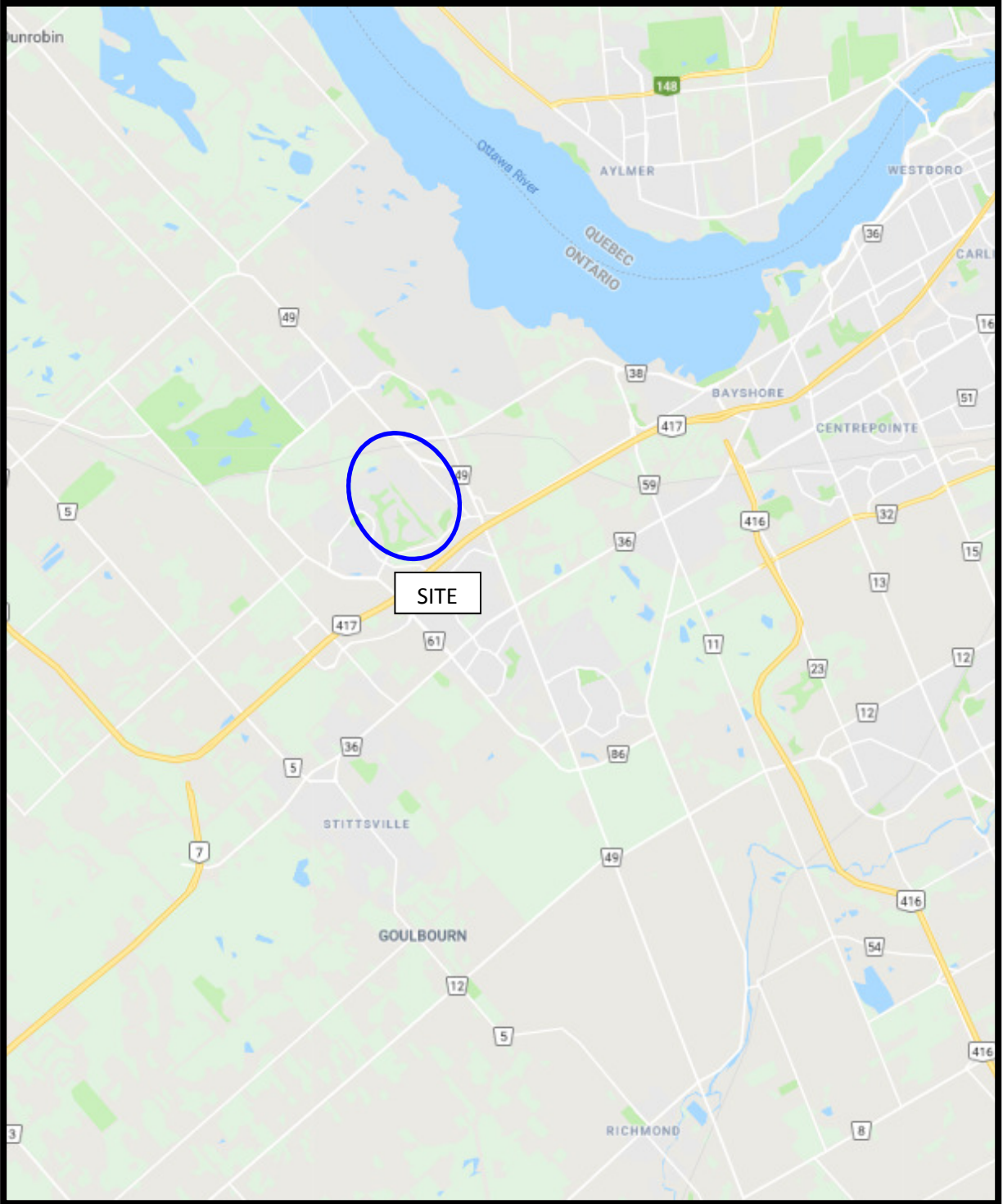


FIGURE 1
KEY PLAN

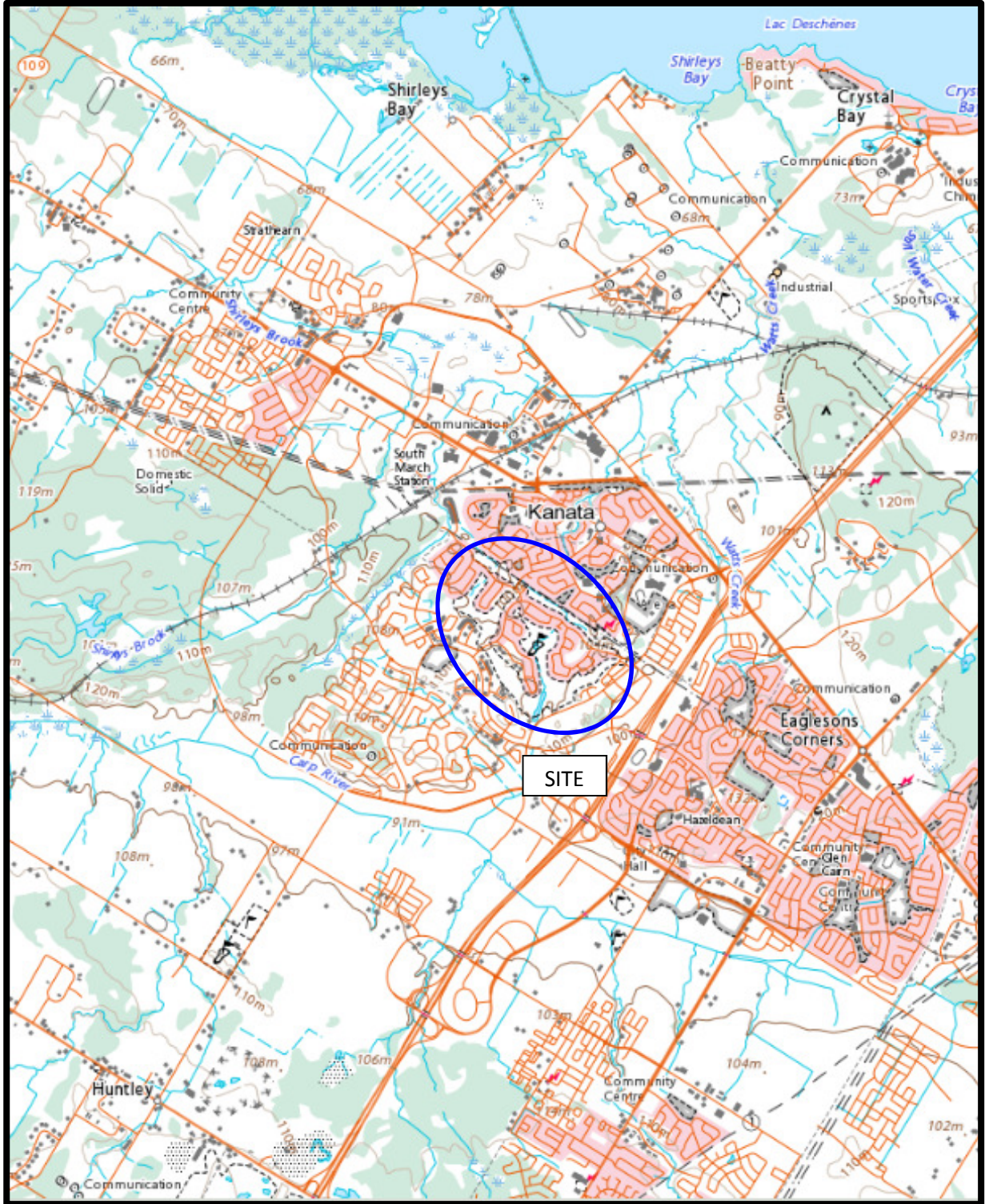
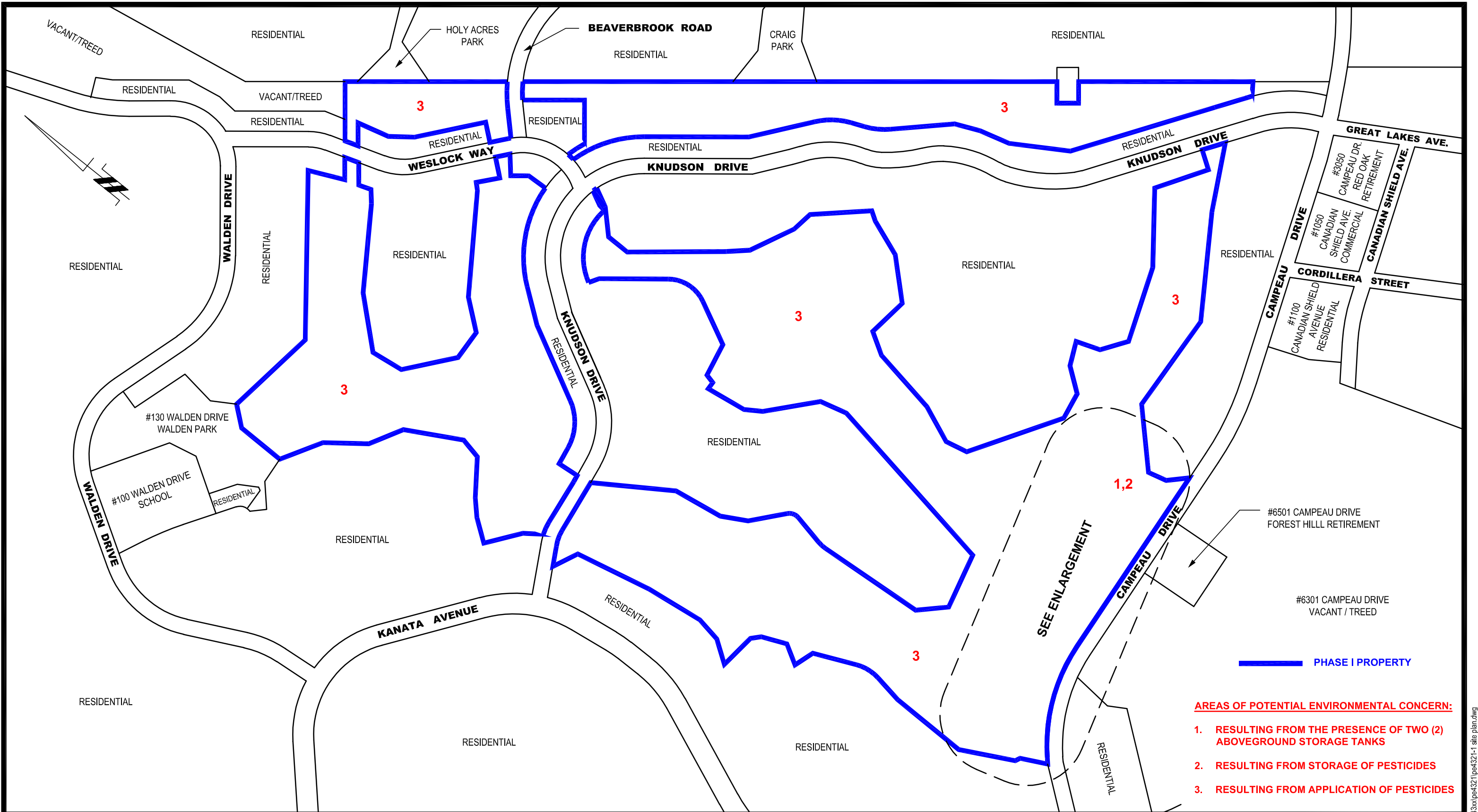


FIGURE 2
TOPOGRAPHIC MAP



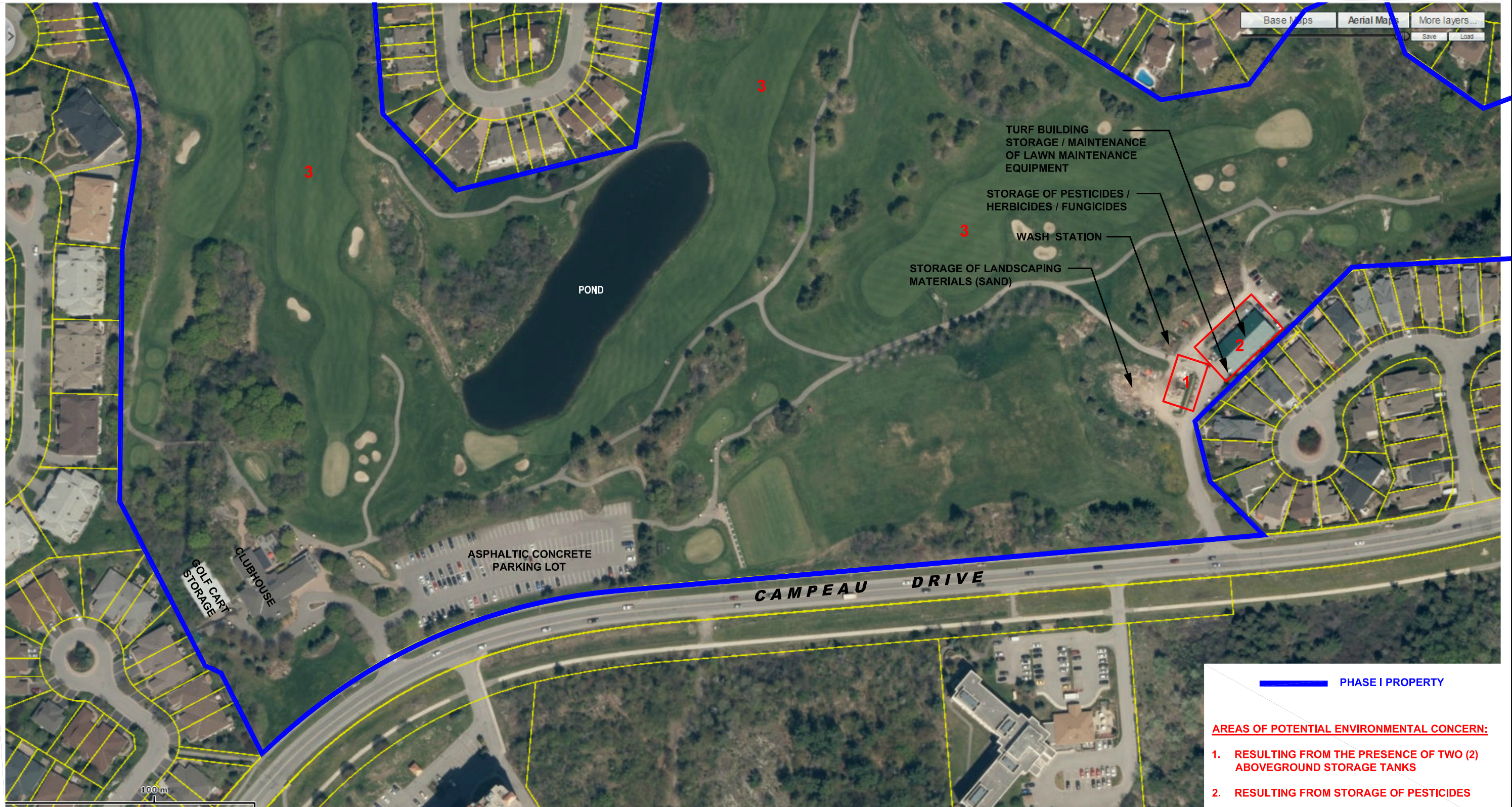
patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL
0			

MINTO COMMUNITIES
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
7000 CAMPEAU DRIVE
OTTAWA, ONTARIO
Title: **SITE PLAN**

Scale:	1:6000	Date:	05/2018
Drawn by:	MPG	Report No.:	PE4321-1
Checked by:	KM	Dwg. No.:	PE4321-1
Approved by:	KM	Revision No.:	0



PHASE I PROPERTY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:

- 1. RESULTING FROM THE PRESENCE OF TWO (2) ABOVEGROUND STORAGE TANKS
- 2. RESULTING FROM STORAGE OF PESTICIDES
- 3. RESULTING FROM APPLICATION OF PESTICIDES

patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL
0			

OTTAWA,
Title:

MINTO COMMUNITIES
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
7000 CAMPEAU DRIVE

ONTARIO

SITE PLAN (ENLARGEMENT)

Scale:	1:2000
Drawn by:	MPG
Checked by:	KM
Approved by:	KM

Date:	05/2018
Report No.:	PE4321-1
Dwg. No.:	PE4321-1A
Revision No.:	0



patersongroup
 consulting engineers

154 Colonnade Road South
 Ottawa, Ontario K2E 7J5
 Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL
0			

MINTO COMMUNITIES
 PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 7000 CAMPEAU DRIVE

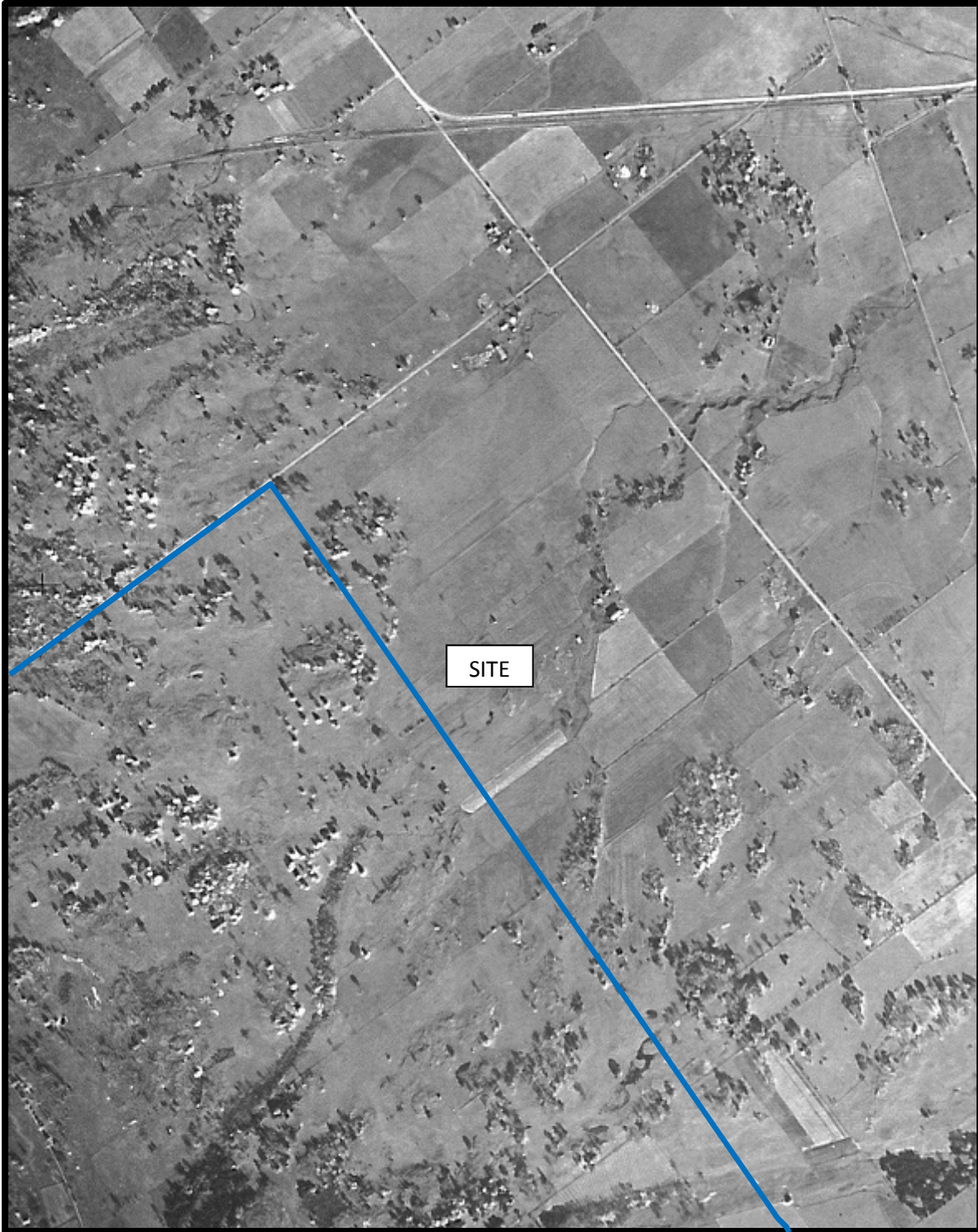
OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:10000	Date:	05/2018
Drawn by:	MPG	Report No.:	PE4321-1
Checked by:	KM	Dwg. No.:	PE4321-2
Approved by:	KM	Revision No.:	0

APPENDIX 1

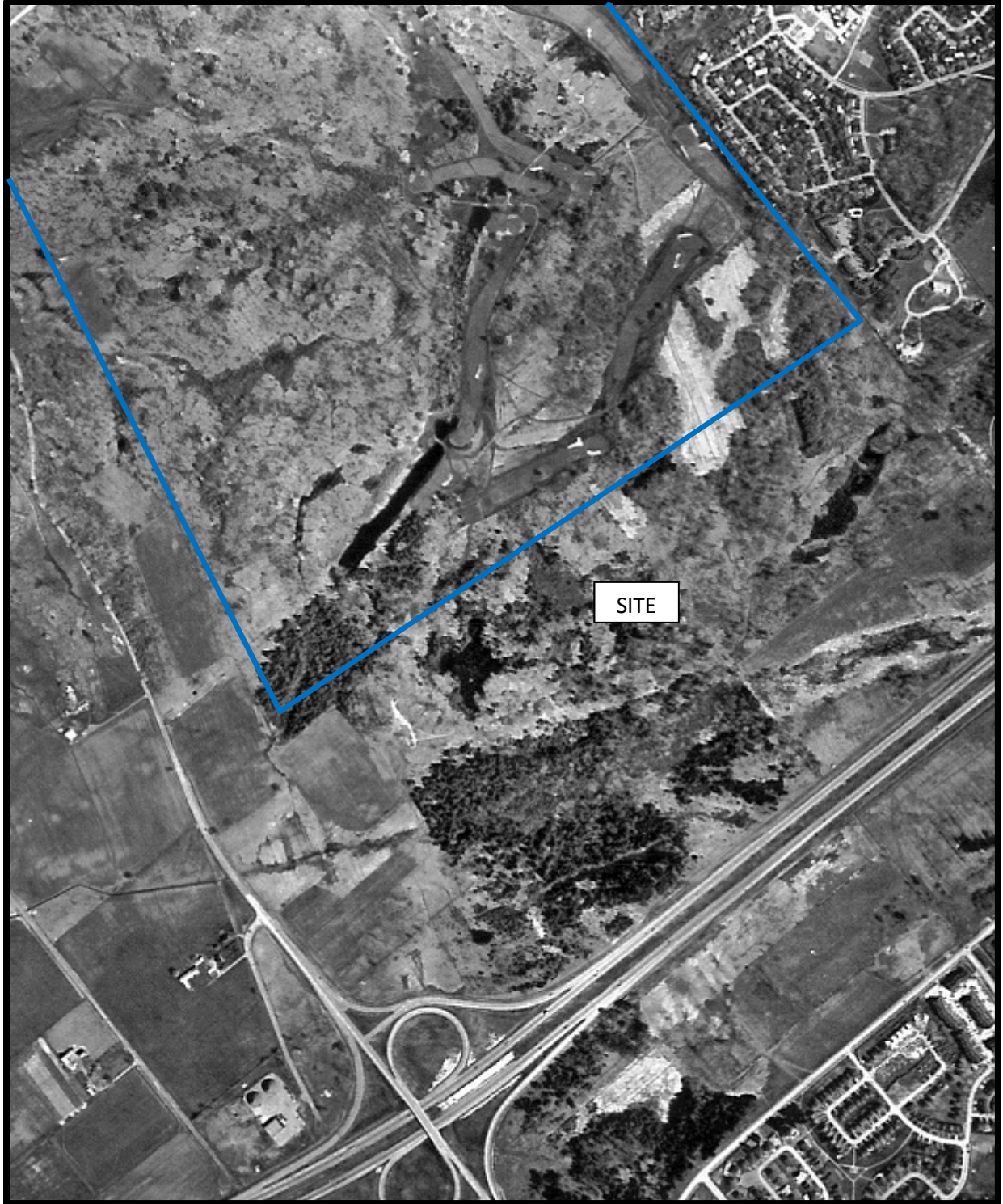
AERIAL PHOTOGRAPHS



AERIAL PHOTOGRAPH
1945



AERIAL PHOTOGRAPH
1976



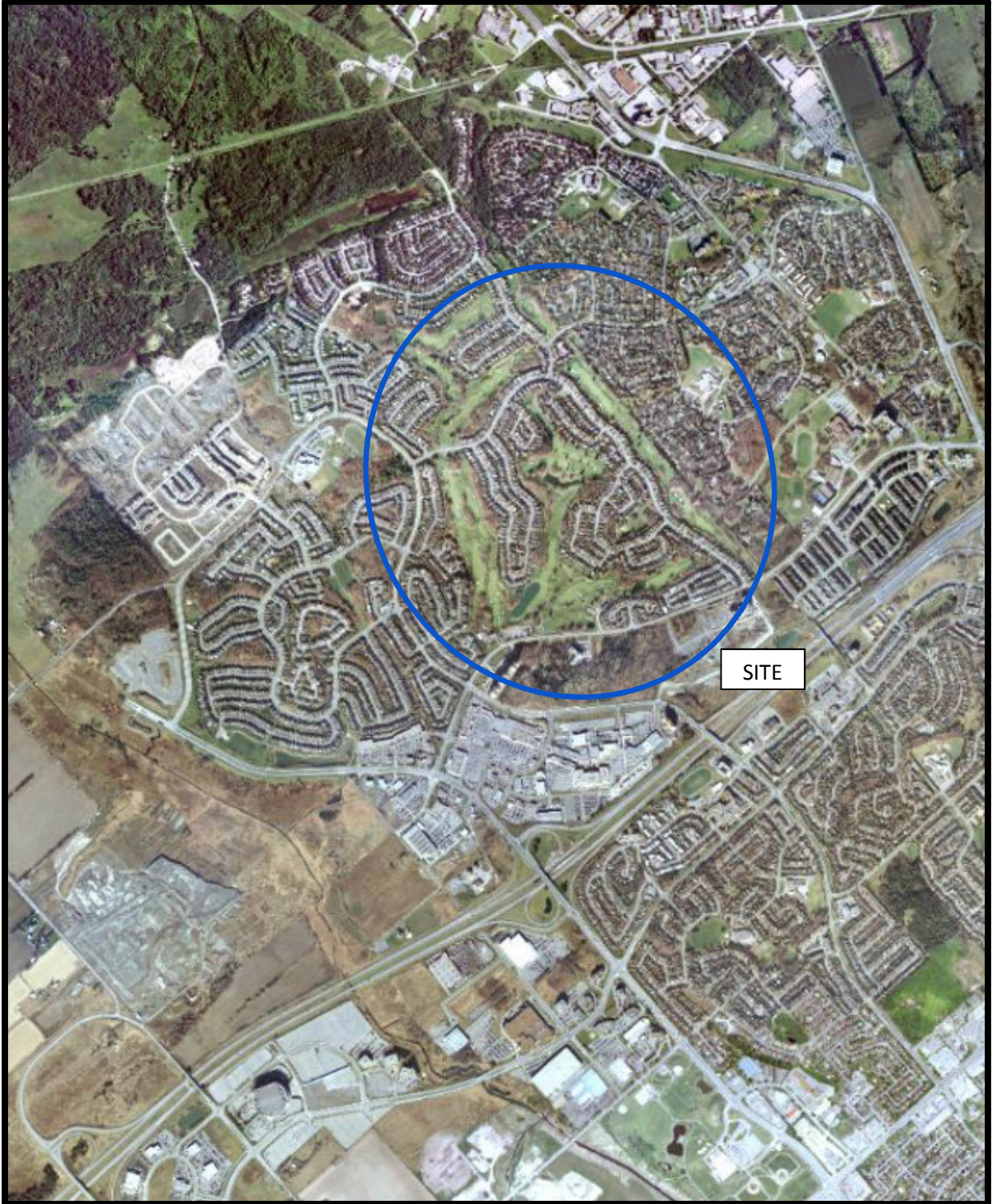
AERIAL PHOTOGRAPH
1984



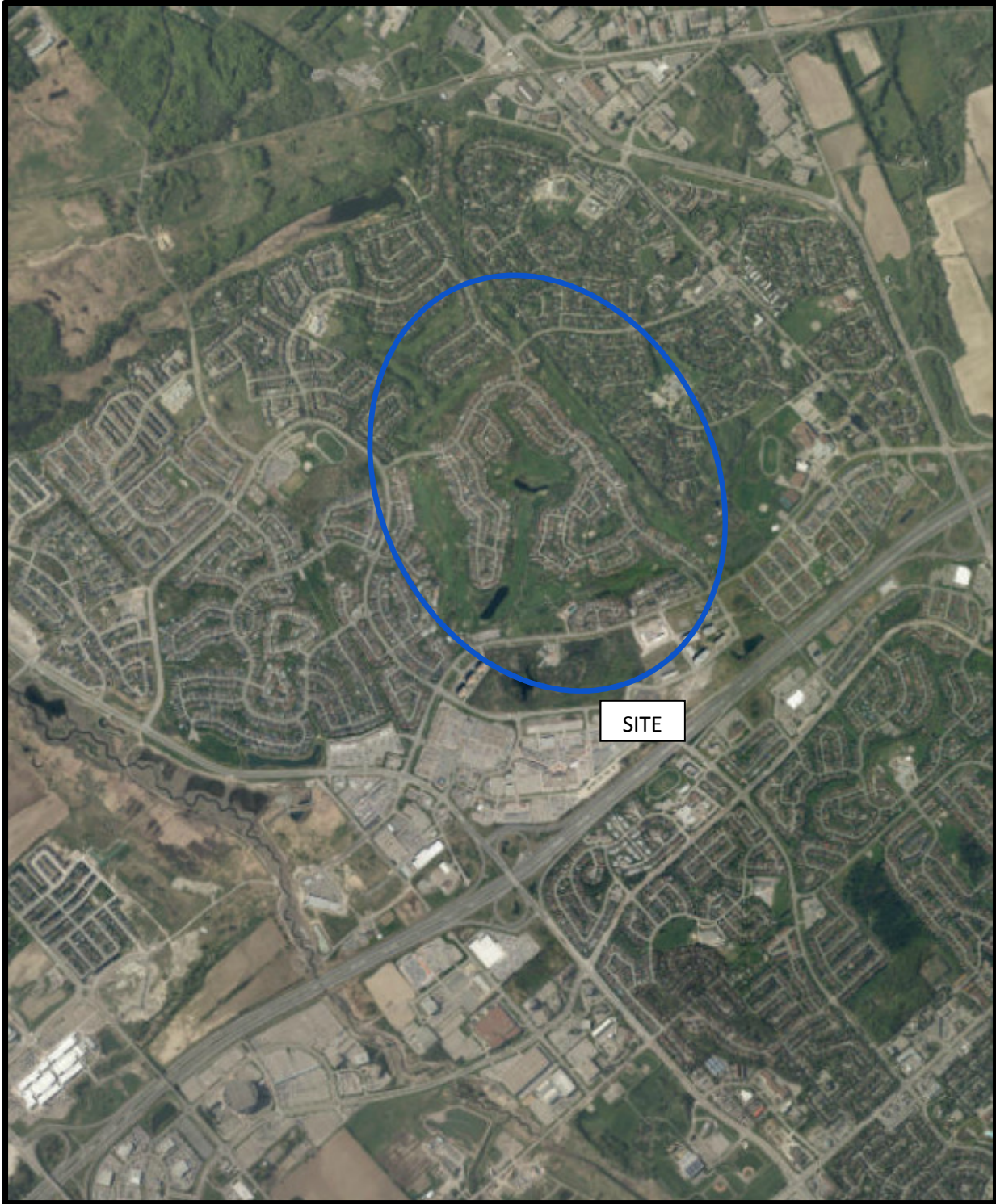
AERIAL PHOTOGRAPH
1990



AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2008



AERIAL PHOTOGRAPH
2017

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH

MECP WELL RECORDS

CITY OF OTTAWA HLUI SEARCH

TSSA CORRESPONDENCE

ERIS REPORT

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc.: (416) 314-4285



June 14, 2018

Karyn Munch
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Karyn Munch:

RE: Freedom of Information and Protection of Privacy Act Request
Our File #: A-2018-03568, Your Reference #: PE4321

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 7000 Campeau Drive, Ottawa.

After a thorough search of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch, and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide full access to the attached information.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ \$30/hour	\$ 30.00
• Copying 70 pages @ \$0.20/page	14.00
• Delivery	3.00
• Total	\$ 47.00
• Deposit Received	- 30.00
• BALANCE WAIVED (NOT REQUIRED)	\$ 17.00

The District Office has advised that there may be inactive records in the Records Centre, Mississauga. To retrieve these files there is a charge of \$60.00 with no guarantee that any records will be located responsive to your request. If you would like us to retrieve these files, please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of \$60.00. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the files retrieved from the Records Centre, the time for answering your request will be extended for an additional 30 days.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Jelena Stankovic at jelena.stankovic@ontario.ca.

Yours truly,

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke extending to the right.

 Janet Dadufalza
FOI Manager

Attachments



Ministry
of the
Environment

Ministère
de
l'Environnement

PERMIT TO TAKE WATER

Number 91-P-4026

Page 1 of 6

Notice of Terms and Conditions
Section 100, *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40

Pursuant to Section 34 of the *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40 permission is hereby granted

TO: ClubLink Capital Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5

for the taking of water from two (2) wells and two (2) ponds located on Lot 4, Concession III, and Lot 3, Concession II, both in the City of Ottawa (formerly the City of Kanata) for golf course irrigation. The rate of taking shall not exceed the amounts listed in Schedule "A" of this Permit.

Except where modified by this Permit the water taking shall be in accordance with the application dated November 7, 1990, and signed by H.C. Morash of UMA Engineering Ltd. on behalf of Genstar Development Company, and as the application for renewal dated June 14, 2001 and signed by Jim Molenhuis, VP Turf Operations + Golf Development.

You are hereby notified that this Permit is issued to you subject to the following Definitions, General Conditions and Special Conditions.

DEFINITIONS

1. (a) "Director" means a Director, Section 34, *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40.
- (b) "District Office" means Ottawa District, Eastern Region, Ontario Ministry of the Environment.
- (c) "District Manager" means District Manager, Ottawa District, Eastern Region, Ontario Ministry of the Environment.
- (d) "Ministry" means Ontario Ministry of the Environment.

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- (e) "Permit" means this entire Permit to Take Water including its schedules, if any, issued in accordance with Section 34 of the *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40.
- (f) "Permit Holder" means ClubLink Capital Corporation.

GENERAL CONDITIONS

- 2. This Permit shall be kept available at the offices of ClubLink Capital Corporation, 15675 Dufferin Street, King City, Ontario, with a copy to be kept on-site at the Kanata Golf Club for inspection by Ministry staff at all times.
- 3. The Director may, from time to time, where a situation of interference or anticipated interference with water supplies exists, or in a situation requiring information on water takings for purposes of water resource inventory and planning, give written notice to the Permit Holder to undertake any of the following actions. The Permit Holder shall comply with any such notice:
 - (a) To establish and maintain a system for the measurement of the quantities of water taken;
 - (b) To operate such a system and to record measurements of the quantities of water taken on forms provided by the Director, with such frequency or for such time periods as the Director may specify;
 - (c) To return to the Director records made pursuant to clause 3(b) at such times or with such frequency as the Director may specify; and
 - (d) To keep records made pursuant to clause 3(b) available for inspection until such time as they are returned to the Director pursuant to clause 3(c).
- 4. The Permit Holder shall immediately notify the District Manager of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint.
- 5. For Surface-Water Takings, the taking of water (including the taking of water into storage and the subsequent or simultaneous withdrawal from storage) shall be carried out in such a manner that stream flow is not stopped and is not reduced to a rate that will cause interference with downstream uses of water or with the natural functions of the stream.
- 6. For Ground-Water Takings, if the taking of water is forecast to cause any negative impact, or is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water

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- taking, the Permit Holder shall take such action necessary to make available to those affected a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent the forecast negative impact or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of so doing.
7. The Permit Holder shall report to the Director any changes of address or telephone number, or change of ownership of the property for which this Permit is issued and shall report to the Director any changes in the general conditions of water taking from those described in the Permit application within thirty days of any such change. The Permit Holder shall not assign his rights under this Permit to another person without the written consent of the Director.
 8. No water may be taken under authority of this permit after the expiry date of this Permit, unless the Permit is renewed, or after the expiry date shown on any subsequent renewal of this permit, unless it is likewise renewed.
 9. This Permit does not release the Permit Holder from any legal liability or obligation and remains in force subject to all limitations, requirements, and liabilities imposed by law. This Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.
 10. The Permit Holder must forthwith, upon presentation of credentials, permit Ministry personnel, or a Ministry authorized representative(s) to carry out any and all inspections authorized by Section 15, 16 or 17 of the *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40, Section 156, 157 or 158 of the *Environmental Protection Act*, R.S.O. 1990 of Section 19 or 20 of the *Pesticides Act*, R.S.O. 1990.
 11. The Director may, at times of drought or water shortage in the locality of the taking, give notice to the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director. The suspension or reduction in the taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect the right to appeal the notice to the Environmental Review Tribunal under the *Ontario Water Resources Act*, R.S.O. 1990, Chapter O.40, Subsection 100(3).

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12. The Permit does not abrogate the Permit Holder's responsibility to comply with all applicable legislation, including O.Reg. 285/99, which provides, among other things, that no person shall use water by transferring it out of a water basin (as defined in the Regulation) in a container having a volume greater than 20 litres. The Regulation divides Ontario into three water basins, being the Great Lakes - St. Lawrence, the Nelson and Hudson Bay Basins.

SPECIAL CONDITIONS

13. Prior to any taking of water authorized by this Permit, the Permit Holder shall properly install a calibrated flow meter and totalizer or other flow measuring device that will provide an accurate measurement of the amount of water being taken on any pumping equipment used to take water from the wells designated under this Permit and shall ensure the Permit Holder's employees or Consultant who obtain readings for the flow meter and totalizer are properly trained to measure and calibrate the equipment.
14. Records with respect to the measurement and reporting criteria defined under General Condition 3(d) listed above shall be kept monthly by the Permit Holder at ClubLink Capital Corporation, 15675 Dufferin Street, King City, Ontario, and on-site at the Kanata Golf Club until this Ministry requests them to be submitted or states otherwise.
15. No water shall be taken under authority of this Permit after February 4, 2012.

The reasons for the imposition of Special Conditions 13 and 14 are to establish an accurate system for the measurement of the amounts for water taken and to establish a record of water taking.

The reason for the imposition of Special Condition 15 is to ensure that this Ministry has an opportunity to review the continued availability of water to be taken under authorization by this Permit as it relates to interference with other established uses.

You may, by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the *Ontario Water Resources Act*, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

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1. The portions of the Permit or each Term or Condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Permit number;
6. The date of the Permit;
7. The name of the Director;
8. The municipality within which the taking is located;

And the Notice should be signed and dated by the appellant.

This notice must be served upon all three of the following:

The Secretary
Environmental Review Tribunal
P.O. Box 2382
2300 Yonge Street, 12th Floor
Toronto, ON M4P 1E4

The Director
Section 34,
Ontario Water Resources Act
Ministry of the Environment
133 Dalton Avenue, Box 820
Kingston, ON K7L 4X6

The Environmental Commissioner
1075 Bay St., 6th Floor
Suite 605
Toronto, ON M5S 2W5

Dated at Kingston this 4th day of February, 2002.

Original signed by C.K. Hammond

Director
Section 34, Ontario Water Resources Act
Ministry of the Environment.

"This is not an original document. This is a reproduction offered by the Ministry of the Environment, Province of Ontario through the Environmental Bill of Rights Registry for the purposes of public consultation."

Schedule "A"

This Schedule "A" forms part of Permit To Take Water 91-P-4026

AMOUNT OF TAKING

Location	Maximum Amount Taken per Minute	Maximum Amount Taken per Day
Well #1	741 litres (163 imperial gallons)	1,067,037 litres (234,720 imperial gallons)
Well #2	289 litres (63.5 imperial gallons)	414,686 litres (91,440 imperial gallons)
Irrigation Pond	5,910 litres (1,300 imperial gallons)	3,409,500 litres (750,000 imperial gallons)

POND VOLUMES

Location	Maximum Total Storage Volume
Irrigation Pond	9,092,000 litres (2,000,000 imperial gallons)
Pond on the 8 th hole of the golf course	4,546,000 litres (1,000,000 imperial gallons)

"This is not an original document. This is a reproduction offered by the Ministry of the Environment, Province of Ontario through the Environmental Bill of Rights Registry for the purposes of public consultation."

E 28 01 09

Fulu

4 July 1991

Mr. D.S. Smeathers
Genstar Development Company
1130 Morrison Drive
Suite 260
Ottawa, Ontario
K2H 9N6

Dear Sir:

Re: Permit to Take Water
Irrigation Well Number 1
Kanata Lakes Golf and Country Club
Lot 4, Concession III
City of Kanata

SIOLKA CO3 220

Enclosed please find Permit to Take Water 91-P-4026 which authorizes the withdrawal of water from a well located on Lot 4, Concession III in the City of Kanata.

The Permit has been issued in accordance with the procedures and amounts stated on the application portion of the Permit and is subject to the General Terms and Conditions of issuance as well as those Special Conditions which may be stated on the Permit or the attached Notice.

If changes in the rate, amount or method of water taking are proposed, an application must be submitted to and approved by this Ministry prior to the commencement of the changes. The attached application form must be used to request an amendment to the Permit.

The Permit is valid until July 30, 2001. A renewal application must be submitted to this office at least one month prior to that date to avoid cancellation of the Permit.

Compliance with the terms and conditions of the Permit is the responsibility of the permittee. Any person taking water under the authority of this Permit must be familiar with the terms and conditions.

You may, by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Permit, require a hearing by the Board. Section 63 of the Ontario Water Resources Act, as amended in 1983, provides that the Notice

requiring the hearing shall state the portions of each Term or Condition in the Permit in respect of which the hearing is required and the grounds on which you intend to rely at the hearing.

If you have any questions regarding your Permit please contact Penny Sutcliffe at this office.

Yours truly,

Original Signed by

P. Farnsworth, Chief
Approvals & Planning
Technical Assessment Section
Southeastern Region

/lmf

Enclosures

bcc: R.A. Dunn

- PLS/18681

- R.F. EA-03-02, 91-P-4026

~~C. Clouty~~ Ta - fil

OFFICE DISTRICT OFFICER

SI-CC-KA-CAM-220.

21 April 1997

ClubLink Capital Corporation
15675 Dufferin Street
KING CITY, Ontario
L7B 1K5

Attention: Justin Connidis

Dear Mr. Connidis:

Re: Permit to Take Water Numbers 91-P-4026 and 91-P-4039

Enclosed please find Permit to Take Water Numbers 91-P-4026 and 91-P-4039 which authorizes the taking of water from one (1) well located on Lot 4, Concession III and one (1) well located on Lot 3, Concession II, both in the City of Kanata.

The Permits have been issued in accordance with the procedures and amounts stated on the application for the Permit To Take Water. The Permits are subject to the General Conditions and Special Conditions that may be stated on the Permit. The Conditions have been designed to allow for the development of water resources for beneficial purposes, while providing reasonable protection to existing water uses and users.

The Permits are valid until 2001 or until such time as there are changes in the rate, amount or method of water taking. If changes occur, an application must be submitted to and approved by this Ministry prior to the commencement of the changes. The attached application form must be used to request an amendment to the affected Permit.

The Permits should be reviewed carefully prior to water taking. Compliance with the Conditions of the Permit is the responsibility of the Permit Holder. Any person taking water under the authority of this Permit must be familiar with the Conditions.

7000 Campeau drive, Kanata.

If you have any questions regarding your Permits please contact Gail McFall at this office.

Yours truly,

Original Signed by
C. HAMMOND

Clyde Hammond, Director
Section 34, R.S.O. 1990
Ontario Water Resources Act
Ministry of Environment and Energy
GM/sh

Enclosures

cc: Barbara Kennedy, Blake, Cassels & Graydon, Box 25, Commerce Court West,
Toronto, Ontario M5L 1A9

bcc: Ottawa District Office

- R.F. EA-03-02/91-P-4026/91-P-4039/TMS #28196/ TMS #28197



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

THIS IS A TRUE COPY OF THE
ORIGINAL PERMIT MAILED ON

PERMIT TO TAKE WATER
Number 91-P-4026
Page 1 of 4

April 21/97
[Signature]
.....
(Signed)

Notice of Terms and Conditions
Section 100, Ontario Water Resources Act, R.S.O. 1990

Pursuant to Section 34 of the Ontario Water Resources Act, R.S.O. 1990 permission is hereby granted

TO: ClubLink Capital Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5

for the taking of water from one (1) well located on Lot 4, Concession III, in the City of Kanata for irrigation. The rate of taking shall not exceed 163 Imperial gallons per minute, or 234,720 Imperial gallons per day.

Except where modified by this Permit the water taking shall be in accordance with the application dated November 7, 1990, and signed by H.C. Morash of UMA Engineering Ltd. on behalf of Genstar Development Company.

You are hereby notified that this Permit is issued to you subject to the following Definitions, General Conditions and Special Conditions.

DEFINITIONS

1. (a) "Director" means a Director, Section 34, Ontario Water Resources Act, R.S.O. 1990.
- (b) "Ministry" means Ontario Ministry of Environment and Energy.
- (c) "Permit" means this entire Permit to Take Water including its schedules, if any, issued in accordance with Section 34 of the Ontario Water Resources Act, R.S.O. 1990.
- (d) "Permit Holder" means ClubLink Capital Corporation.

GENERAL CONDITIONS

2. This Permit shall be kept available at ClubLink Capital Corporation, 15675 Dufferin Street, King City, Ontario, and a copy of this permit shall be kept available on-site at the Kanata Lakes Golf and Country Club, in the City of Kanata for inspection by Ministry staff at all times.

PERMIT TO TAKE WATER

Number 91-P-4026

Page 2 of 4

3. **The Director may, from time to time, where a situation of interference or anticipated interference with water supplies exists, or in a situation requiring information on water takings for purposes of water resource inventory and planning, give written notice to the Permit Holder to undertake any of the following actions. The Permit Holder shall comply with any such notice:**
 - (a) **To establish and maintain a system for the measurement of the quantities of water taken;**
 - (b) **To operate such a system and to record measurements of the quantities of water taken on forms provided by the Director, with such frequency or for such time periods as the Director may specify;**
 - (c) **To return to the Director records made pursuant to clause 3(b) at such times or with such frequency as the Director may specify; and**
 - (d) **To keep records made pursuant to clause 3(b) available for inspection until such time as they are returned to the Director pursuant to clause 3(c).**
4. **The Permit Holder shall immediately notify the Director of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint.**
5. **For Surface-Water Takings, the taking of water (including the taking of water into storage and the subsequent or simultaneous withdrawal from storage) shall be carried out in such a manner that streamflow is not stopped and is not reduced to a rate that will cause interference with downstream uses of water or with the natural functions of the stream.**
6. **For Ground-Water Takings, if the taking of water is forecast to cause any negative impact, or is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent the forecast negative impact or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of so doing.**

PERMIT TO TAKE WATER

Number 91-P-4026

Page 3 of 4

7. **Prior to the taking of water under the authority of this Permit to Take Water, the Permit Holder shall ensure that the works complies with Section 52 of the Ontario Water Resources Act, R.S.O. 1990.**
8. **Prior to the taking of water under the authority of this Permit to Take Water, the Permit Holder shall ensure that the discharge complies with Section 53 of the Ontario Water Resources Act, R.S.O. 1993.**
9. **The Permit Holder shall report to the Director any changes of address or telephone number, or change of ownership of the property for which this Permit is issued and shall report to the Director any changes in the general conditions of water taking from those described in the Permit application within thirty days of any such change. The Permit Holder shall not assign his rights under this Permit to another person without the written consent of the Director.**
10. **No water may be taken under authority of this Permit after the expiry date of this Permit, unless the Permit is renewed, or after the expiry date shown on any subsequent renewal of this Permit, unless it is likewise renewed.**
11. **This Permit does not release the Permit Holder from any legal liability or obligation and remains in force subject to all limitations, requirements, and liabilities imposed by law. This Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.**
12. **The Permit Holder must forthwith, upon presentation of credentials, permit Ministry personnel, or a Ministry authorized representative(s) to carry out any and all inspections authorized by Section 15, 16 or 17 of the Ontario Water Resources Act, R.S.O. 1990, Section 156, 157 or 158 of the Environmental Protection Act, R.S.O. 1990 of Section 19 or 20 of the Pesticides Act, R.S.O. 1990.**

SPECIAL CONDITIONS

13. **Records with respect to the measurement and reporting criteria defined under General Condition 3(d) listed above shall be kept monthly by the Permit Holder at ClubLink Capital Corporation, 15675 Dufferin Street, King City, Ontario, and on-site at the Kanata Lakes Golf and Country Club in the City of Kanata until this Ministry requests them to be submitted or states otherwise.**
14. **No water shall be taken under authority of this Permit after July 30, 2001.**

The reason for the imposition of Special Condition 13 is to establish a record of water taking.

The reason for the imposition of Special Condition 14 is to ensure that this Ministry has an opportunity to review the continued availability of water to be taken under authorization by this Permit as it relates to interference with other established uses.

You may, by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

1. The portions of the Permit or each Term or Condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Permit number;
6. The date of the Permit;
7. The name of the Director;
8. The municipality within which the taking is located;

And the Notice should be signed and dated by the appellant.

This notice must be served upon:

The Secretary
Environmental Appeal Board
112 St. Clair Avenue West
Suite 502
TORONTO, Ontario
M4V 1N3

AND The Director
Section 34, Ontario Water Resources Act
Ministry of Environment and Energy
133 Dalton Avenue, Box 820
KINGSTON, Ontario
K7L 4X6

Dated at Kingston this 21st day of April, 1997.


Director
Section 34, Ontario Water Resources Act
Ministry of Environment and Energy.

Ministry of Environment
and Energy

2435 Holly Lane
Ottawa ON K1V 7P2
Telephone: (613) 521-3450
Fax: (613) 521-5437

Ministère de l'Environnement
et de l'Énergie

2435 Holly Lane
Ottawa ON K1V 7P2
Téléphone: (613) 521-3450
Télécopieur: (613) 521-5437



July 18th, 2003

Attention: Jim Molenhuis

ClubLink Capital Corporation
15675 Dufferin St.
King City, ON
L7B 1K5

Dear Mr. Molenhuis

**RE: Permit to Take Water Site Inspection
Kanata Golf and Country Club
Lot #3, Concession #2
City of Ottawa (formerly the City of Kanata)**

Enclosed please find a copy of the Permit to Take Water (PTTW) inspection report, which outlines the findings of the inspection conducted on June 17th, 2003 at the Kanata Golf and Country Club.

This is a copy of the inspection report that was given to the Kanata Golf and Country Club, which outlines the mandatory actions the client must comply with to enable compliance with the Ontario Water Resources Act (OWRA), Section 34(8)(c). The inspection report indicates that Kanata Golf and Country Club has failed to comply with PTTW #91-P-4026, Special Condition #13 and General Condition #7. The mandatory actions are outlined in the inspection report as well as in an accompanied Provincial Officer's Order. A copy of the Provincial Officer's Order is attached.

If you have any questions or concerns regarding this inspection report please contact me at the Ministry of the Environment, Ottawa District Office at 613.521.3450, ext.251.

Yours Truly,

Tara MacDonald
Permit to Take Water Inspection Technician
Ministry of the Environment
Ottawa District Office

TM

Attachment



Ministry of the Environment
Environmental Assessment and
Approvals Branch
Floor 12A
2 St Clair Ave W
Toronto ON M4V 1L5
Fax: (416)314-8452
Telephone: 416 314-7174

Ministère de l'Environnement
Direction des évaluations et des
autorisations environnementales
Étage 12A
2 av St Clair O
Toronto ON M4V 1L5
Télécopieur : (416)314-8452
Téléphone : 416 314-7174



May 2, 2005

Wendy Burgess, Manager, Corporate Environmental Policy and Operations
ClubLink Corporation
15675 Dufferin St
King City ON L7B 1K5

Dear Ms. Burgess:

**Re: Notification of Change of Name/Ownership
MOE Reference Number 8161-6BWTDH**

The Ministry of the Environment (the "Ministry") acknowledges receipt of your letter dated January 31, 2005, requesting a change in company name/ownership:

FROM: ClubLink Capital Corporation

TO: ClubLink Corporation

By this letter, the Ministry advises you that your notification of change in company name/ownership has been registered in our records for the following Certificate(s) of Approval:

Certificate(s) of Approval for Air, Section 9, EPA:

8-3322-99-006

Certificate(s) of Approval for Municipal and Private Water Works, Section 52, OWRA:

6367-4ZMGBF
6355-5JNRAH

Certificate(s) of Approval for Municipal and Private Sewage Works, Section 53, OWRA:

3-0014-99-006
3-0748-99-006
3-0133-99-007
3-1080-99-006
0553-4HHLDU
6853-4N8GLR
6873-4XAPME
6417-4XEGMZ
3871-57WHK7
3214-5DPGSN
0163-5F6KE6
9726-5SRKNT
9289-62QK9D
9097-66FHRK
0751-66JQYD

The Ministry will not be providing you with an amended certificate(s) to reflect the change in company name/ownership. Therefore, this letter must be appended to its corresponding Certificate(s) of Approval. The name/ownership change will be included in any future amended Certificate(s) of Approval.

If you have any questions regarding the above, please contact me at the above phone number.

Yours truly,

Matthew Chisholm
Application Processor

cc: District Manager, MOE Barrie
District Manager, MOE Halton-Peel
District Manager, MOE Ottawa
District Manager, MOE York-Durham

File Storage Number: A0368-05; S0158-00; S0289-05; S0379-00; S0290-05; S0243-00;
S0514-00; S0377-01; S0402-01; S1442-01; S0692-02; S0180-02; S1036-03; S1602-04;
S0686-04; S0379-04; W0021-01; W0157-02

OT KA CA 220

7000 Campaign

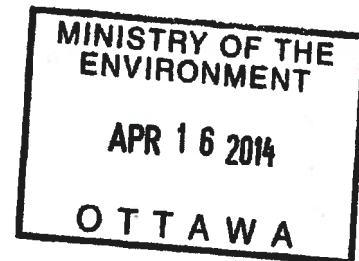
Ministry of the Environment
Eastern Region
Technical Support Section
Water Resources
1259 Gardiners Rd, PO Box 22032
Kingston, ON
K7P 3J6
Tel: (613) 540-6875

Ministère de l'Environnement
Direction régionale de l'Est
Section du Soutien Technique
Ressource en eau
1259 Chemin Gardiners, CP 22032
Kingston, ON
K7P 3J6
Tél:(613) 540-6875



April 10, 2014

Wendy Burgess
Clublink Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5
Canada



Dear Ms. Burgess:

RE: Permit to Take Water 8648-9J2JGB
Kanata Golf Club - Lot 3 \ 4 Concession 2 \ 3
Geographic Township of March (Kanata)
Ottawa
Reference Number 8333-9HURUK

Please find attached Permit To Take Water 8648-9J2JGB which authorizes the withdrawal of water in accordance with the application for this Permit To Take Water, dated October 12, 2011 and signed by Wendy Burgess.

Please note the attached Permit cancels and replaces Permit 0722-8RCKND issued on February 13, 2012 and expires on October 31, 2022.

Ontario Regulation 387/04 (Water Taking) requires all water takers to report daily water taking amounts to the Water Taking Reporting System (WTRS) electronic database (<https://www.lrcsde.lrc.gov.on.ca/wtrs/>). Daily water taking must be reported on a calendar year basis. If no water is taken, then a "no taking" report must be entered. Please consult the Regulation and Section 4 of this Permit for monitoring requirements.

If you have questions about reporting requirements, please call the WTRS Help Desk at 416-235-6322 (toll free: 1-877-344-2011) or by email, WTRSHelpdesk@ontario.ca. It is preferred that you submit your data directly and electronically to the WTRS. Where this is impracticable, please use the Water Taking Submission Form (included as Appendix C of the *Technical Bulletin: Permit To Take Water (PTTW) - Monitoring and Reporting of Water Takings*) and fax your completed forms to 416-235-6549 or mail them to: Water User Reporting Section, 125 Resources Road, Toronto, Ontario M9P 3V6.

Take notice that in issuing this Permit, terms and conditions pertaining to the taking of water and to the results of the taking have been imposed. The terms and conditions have been designed to allow for the development of water resources, while providing reasonable protection to existing water uses and users.

Yours truly,



Gillian Dagg-Foster
Water Resources Unit Supervisor
Eastern Region

File Storage Number: SI OT 8648 220 (TS)

c: Jaime Oxtobee, Golder Associates Ltd., joxtoabee@golder.com

~~Ottawa District Office~~

AMENDED PERMIT TO TAKE WATER
Ground Water
NUMBER 8648-9J2JGB

Pursuant to Section 34 of the Ontario Water Resources Act, R.S.O. 1990 this Permit To Take Water is hereby issued to:

Clublink Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5
Canada

For the water
taking from: Well 1, Well 2

Located at: Lot 4, Concession III, Geographic Township of March
Ottawa

For the purposes of this Permit, and the terms and conditions specified below, the following definitions apply:

DEFINITIONS

- (a) "Director" means any person appointed in writing as a Director pursuant to section 5 of the OWRA for the purposes of section 34, OWRA.
- (b) "Provincial Officer" means any person designated in writing by the Minister as a Provincial Officer pursuant to section 5 of the OWRA.
- (c) "Ministry" means Ontario Ministry of the Environment.
- (d) "District Office" means the Ottawa, NA District Office.
- (e) "Permit" means this Permit to Take Water No. 8648-9J2JGB including its Schedules, if any, issued in accordance with Section 34 of the OWRA.
- (f) "Permit Holder" means Clublink Corporation.
- (g) "OWRA " means the *Ontario Water Resources Act*, R.S.O. 1990, c. O. 40, as amended.

You are hereby notified that this Permit is issued subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. Compliance with Permit

- 1.1 Except where modified by this Permit, the water taking shall be in accordance with the application for this Permit To Take Water, dated October 12, 2011 and signed by Wendy Burgess, and all Schedules included in this Permit.
- 1.2 The Permit Holder shall ensure that any person authorized by the Permit Holder to take water under this Permit is provided with a copy of this Permit and shall take all reasonable measures to ensure that any such person complies with the conditions of this Permit.
- 1.3 Any person authorized by the Permit Holder to take water under this Permit shall comply with the conditions of this Permit.
- 1.4 This Permit is not transferable to another person.
- 1.5 This Permit provides the Permit Holder with permission to take water in accordance with the conditions of this Permit, up to the date of the expiry of this Permit. This Permit does not constitute a legal right, vested or otherwise, to a water allocation, and the issuance of this Permit does not guarantee that, upon its expiry, it will be renewed.
- 1.6 The Permit Holder shall keep this Permit available at all times at or near the site of the taking, and shall produce this Permit immediately for inspection by a Provincial Officer upon his or her request.
- 1.7 The Permit Holder shall report any changes of address to the Director within thirty days of any such change. The Permit Holder shall report any change of ownership of the property for which this Permit is issued within thirty days of any such change. A change in ownership in the property shall cause this Permit to be cancelled.

2. General Conditions and Interpretation

2.1 Inspections

The Permit Holder must forthwith, upon presentation of credentials, permit a Provincial Officer to carry out any and all inspections authorized by the OWRA, the *Environmental Protection Act*, R.S.O. 1990, the *Pesticides Act*, R.S.O. 1990, or the *Safe Drinking Water Act*, S. O. 2002.

2.2 Other Approvals

The issuance of, and compliance with this Permit, does not:

(a) relieve the Permit Holder or any other person from any obligation to comply with any other applicable legal requirements, including the provisions of the *Ontario Water Resources Act* , and the *Environmental Protection Act* , and any regulations made thereunder; or

(b) limit in any way any authority of the Ministry, a Director, or a Provincial Officer, including the authority to require certain steps be taken or to require the Permit Holder to furnish any further information related to this Permit.

2.3 Information

The receipt of any information by the Ministry, the failure of the Ministry to take any action or require any person to take any action in relation to the information, or the failure of a Provincial Officer to prosecute any person in relation to the information, shall not be construed as:

(a) an approval, waiver or justification by the Ministry of any act or omission of any person that contravenes this Permit or other legal requirement; or

(b) acceptance by the Ministry of the information's completeness or accuracy.

2.4 Rights of Action

The issuance of, and compliance with this Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.

2.5 Severability

The requirements of this Permit are severable. If any requirements of this Permit, or the application of any requirements of this Permit to any circumstance, is held invalid or unenforceable, the application of such requirements to other circumstances and the remainder of this Permit shall not be affected thereby.

2.6 Conflicts

Where there is a conflict between a provision of any submitted document referred to in this Permit, including its Schedules, and the conditions of this Permit, the conditions in this Permit shall take precedence.

3. Water Takings Authorized by This Permit

3.1 Expiry

This Permit expires on **October 31, 2022**. No water shall be taken under authority of this Permit after the expiry date.

3.2 Amounts of Taking Permitted

The Permit Holder shall only take water from the source, during the periods and at the rates and amounts of taking specified in Table A. Water takings are authorized only for the purposes specified in Table A.

Table A

	Source Name / Description:	Source: Type:	Taking Specific Purpose:	Taking Major Category:	Max. Taken per Minute (litres):	Max. Num. of Hrs Taken per Day:	Max. Taken per Day (litres):	Max. Num. of Days Taken per Year:	Zone/ Easting/ Northing:
1	Well 1	Well Drilled	Golf Course Irrigation	Commercial	289	24	414,686	180	18 428533 5019030
2	Well 2	Well Drilled	Golf Course Irrigation	Commercial	741	24	1,067,037	180	18 428021 5017998
							Total Taking:	1,481,723	

4. Monitoring

4.1 The Permit Holder shall maintain a record of all water takings. This record shall include the dates and times of water takings, and the total measured amounts of water pumped per day for each day that water is taken under the authorization of this Permit. A separate record shall be maintained for each source. The Permit Holder shall keep all required records up to date and available at or near the site of the taking and shall produce the records immediately for inspection by a Provincial Officer upon his or her request. The total amounts of water pumped shall be measured using a flow meter and totalizer.

5. Impacts of the Water Taking

5.1 Notification

The Permit Holder shall immediately notify the local District Office of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint. The Permit Holder shall immediately notify the local District Office if the taking of water is observed to have any significant impact on the surrounding waters. After hours, calls shall be directed to the Ministry's Spills Action Centre at 1-800-268-6060.

5.2 For Groundwater Takings

If the taking of water is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected, a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of doing so.

If permanent interference is caused by the water taking, the Permit Holder shall restore the water supplies of those permanently affected.

6. **Director May Amend Permit**

The Director may amend this Permit by letter requiring the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director in the letter. The suspension or reduction in taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect your right to appeal the suspension or reduction in taking to the Environmental Review Tribunal under the *Ontario Water Resources Act*, Section 100 (4).

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is included to ensure that the conditions in this Permit are complied with and can be enforced.
2. Condition 2 is included to clarify the legal interpretation of aspects of this Permit.
3. Conditions 3 through 6 are included to protect the quality of the natural environment so as to safeguard the ecosystem and human health and foster efficient use and conservation of waters. These conditions allow for the beneficial use of waters while ensuring the fair sharing, conservation and sustainable use of the waters of Ontario. The conditions also specify the water takings that are authorized by this Permit and the scope of this Permit.

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, as amended, provides that the Notice requiring the hearing shall state:

1. The portions of the Permit or each term or condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Permit to Take Water number;
6. The date of the Permit to Take Water;
7. The name of the Director;
8. The municipality within which the works are located;

This notice must be served upon:

*The Secretary
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto ON
M5G 1E5
Fax: (416) 314-4506
Email: ERTTribunalsecretary@ontario.ca*

AND

*The Director, Section 34
Ministry of the Environment
1259 Gardiners Rd, PO Box 22032
Kingston, ON
K7P 3J6*

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal:

by telephone at (416) 314-4600

by fax at (416) 314-4506

by e-mail at www.ert.gov.on.ca

This Permit cancels and replaces Permit Number 0722-8RCKND, issued on 2012/02/13.

Dated at Kingston this 10th day of April, 2014.



Gillian Dagg-Foster
Director, Section 34
Ontario Water Resources Act, R.S.O. 1990

Schedule A

This Schedule "A" forms part of Permit To Take Water 8648-9J2JGB, dated April 10, 2014.

SLOT KA 002 220
122 Patterson
(Toronto)
7000 Campaign

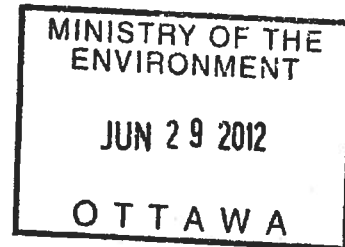
Ministry of the Environment
Eastern Region
Technical Support Section
1259 Gardiners Rd, PO Box 22032
Kingston, ON
K7P 3J6
Tel: (613) 549-4000

Ministère de l'Environnement
Direction régionale de l'Est
Secteur du Soutien Technique
Ressource en eau
1259 Chemin Gardiners, CP 22032
Kingston, ON
K7P 3J6
Tél: (613) 549-4000



February 13, 2012

Clublink Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5
Canada



Dear Ms. Burgess:

RE: Permit To Take Water 0722-8RCKND
Kanata Golf Club
Lots 3 \ 4, Concessions 2 \ 3
Geographic Township of March (Kanata)
Ottawa
Reference Number 5647-8NDSFV

Please find attached Permit To Take Water 0722-8RCKND which authorizes the withdrawal of water in accordance with the application for this Permit To Take Water, dated October 12, 2011 and signed by Wendy Burgess.

Please note the attached Permit cancels and replaces Permit 91-P-4026 and expires on October 31, 2022.

Ontario Regulation 387/04 (Water Taking) requires all water takers to report daily water taking amounts to the Water Taking Reporting System (WTRS) electronic database: <http://www.ene.gov.on.ca/envision/water/pttw.htm>. Daily water taking must be reported on a calendar year basis. If no water is taken, then a "no taking" report must be entered. Please consult the Regulation and Section 4 of this Permit for monitoring requirements.

If you have questions about reporting requirements, please call the WTRS Help Desk at 416-235-6322 (toll free: 1-877-344-2011) or by email, WTRSHelpdesk@ontario.ca. It is preferred that you submit your data directly and electronically to the WTRS. Where this is impracticable, please use the Water Taking Submission Form (included as Appendix C of the *Technical Bulletin: Permit To Take Water (PTTW) - Monitoring and Reporting of Water Takings*), which can be downloaded from the above web site, and fax your completed forms to 416-235-6549 or mail them to: Water User Reporting Section, 125 Resources Road, Toronto, ON M9P 3V6.

Take notice that in issuing this Permit, terms and conditions pertaining to the taking of water and to the results of the taking have been imposed. The terms and conditions have been designed to allow for the development of water resources, while providing reasonable protection to existing water uses and users.

Yours truly,



Peter Taylor

Director, Section 34, Ontario Water Resources Act, R.S.O. 1990
Eastern Region

File Storage Number: SI OT 0722 220 (TS)

c: Jaime Oxtobee, Golder Associates Ltd., joxtobee@golder.com

bc: 

PERMIT TO TAKE WATER
Ground Water
NUMBER 0722-8RCKND

Pursuant to Section 34 of the Ontario Water Resources Act, R.S.O. 1990 this Permit To Take Water is hereby issued to:

Clublink Corporation
15675 Dufferin Street
King City, Ontario
L7B 1K5
Canada

For the water Well 1, Well 2
taking from:

Located at: Kanata Golf Club - Lot 3 \ 4 Concession 2 \ 3 Geographic Township of
March (Kanata)
Ottawa

For the purposes of this Permit, and the terms and conditions specified below, the following definitions apply:

DEFINITIONS

- (a) "Director" means any person appointed in writing as a Director pursuant to section 5 of the OWRA for the purposes of section 34, OWRA.
- (b) "Provincial Officer" means any person designated in writing by the Minister as a Provincial Officer pursuant to section 5 of the OWRA.
- (c) "Ministry" means Ontario Ministry of the Environment.
- (d) "District Office" means the Ottawa, NA District Office.
- (e) "Permit" means this Permit to Take Water No. 0722-8RCKND including its Schedules, if any, issued in accordance with Section 34 of the OWRA.
- (f) "Permit Holder" means Clublink Corporation.
- (g) "OWRA " means the *Ontario Water Resources Act*, R.S.O. 1990, c. O. 40, as amended.

You are hereby notified that this Permit is issued subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. Compliance with Permit

- 1.1 Except where modified by this Permit, the water taking shall be in accordance with the application for this Permit To Take Water, dated October 12, 2011 and signed by Wendy Burgess, and all Schedules included in this Permit.
- 1.2 The Permit Holder shall ensure that any person authorized by the Permit Holder to take water under this Permit is provided with a copy of this Permit and shall take all reasonable measures to ensure that any such person complies with the conditions of this Permit.
- 1.3 Any person authorized by the Permit Holder to take water under this Permit shall comply with the conditions of this Permit.
- 1.4 This Permit is not transferable to another person.
- 1.5 This Permit provides the Permit Holder with permission to take water in accordance with the conditions of this Permit, up to the date of the expiry of this Permit. This Permit does not constitute a legal right, vested or otherwise, to a water allocation, and the issuance of this Permit does not guarantee that, upon its expiry, it will be renewed.
- 1.6 The Permit Holder shall keep this Permit available at all times at or near the site of the taking, and shall produce this Permit immediately for inspection by a Provincial Officer upon his or her request.
- 1.7 The Permit Holder shall report any changes of address to the Director within thirty days of any such change. The Permit Holder shall report any change of ownership of the property for which this Permit is issued within thirty days of any such change. A change in ownership in the property shall cause this Permit to be cancelled.

2. General Conditions and Interpretation

2.1 Inspections

The Permit Holder must forthwith, upon presentation of credentials, permit a Provincial Officer to carry out any and all inspections authorized by the OWRA, the *Environmental Protection Act*, R.S.O. 1990, the *Pesticides Act*, R.S.O. 1990, or the *Safe Drinking Water Act*, S. O. 2002.

2.2 Other Approvals

The issuance of, and compliance with this Permit, does not:

(a) relieve the Permit Holder or any other person from any obligation to comply with any other applicable legal requirements, including the provisions of the *Ontario Water Resources Act* , and the *Environmental Protection Act* , and any regulations made thereunder; or

(b) limit in any way any authority of the Ministry, a Director, or a Provincial Officer, including the authority to require certain steps be taken or to require the Permit Holder to furnish any further information related to this Permit.

2.3 Information

The receipt of any information by the Ministry, the failure of the Ministry to take any action or require any person to take any action in relation to the information, or the failure of a Provincial Officer to prosecute any person in relation to the information, shall not be construed as:

(a) an approval, waiver or justification by the Ministry of any act or omission of any person that contravenes this Permit or other legal requirement; or

(b) acceptance by the Ministry of the information's completeness or accuracy.

2.4 Rights of Action

The issuance of, and compliance with this Permit shall not be construed as precluding or limiting any legal claims or rights of action that any person, including the Crown in right of Ontario or any agency thereof, has or may have against the Permit Holder, its officers, employees, agents, and contractors.

2.5 Severability

The requirements of this Permit are severable. If any requirements of this Permit, or the application of any requirements of this Permit to any circumstance, is held invalid or unenforceable, the application of such requirements to other circumstances and the remainder of this Permit shall not be affected thereby.

2.6 Conflicts

Where there is a conflict between a provision of any submitted document referred to in this Permit, including its Schedules, and the conditions of this Permit, the conditions in this Permit shall take precedence.

3. Water Takings Authorized by This Permit

3.1 Expiry

This Permit expires on **October 31, 2022**. No water shall be taken under authority of this Permit after the expiry date.

3.2 Amounts of Taking Permitted

The Permit Holder shall only take water from the source, during the periods and at the rates and amounts of taking specified in Table A. Water takings are authorized only for the purposes specified in Table A.

Table A

Source Name / Description:	Source: Type:	Taking Specific Purpose:	Taking Major Category:	Max. Taken per Minute (litres):	Max. Num. of Hrs. Taken per Day:	Max. Taken per Day (litres):	Max. Num. of Days Taken per Year:	Zone/ Easting/ Northing:
1 Well 1	Well Drilled	Golf Course Irrigation	Commercial	741	24	1,067,037	180	18 428533 5019030
2 Well 2	Well Drilled	Golf Course Irrigation	Commercial	289	24	414,686	180	18 428021 5017998
Total Taking:						1,481,723		

4. Monitoring

4.1 The Permit Holder shall maintain a record of all water takings. This record shall include the dates and times of water takings, and the total measured amounts of water pumped per day for each day that water is taken under the authorization of this Permit. A separate record shall be maintained for each source. The Permit Holder shall keep all required records up to date and available at or near the site of the taking and shall produce the records immediately for inspection by a Provincial Officer upon his or her request. The total amounts of water pumped shall be measured using a flow meter and totalizer.

5. Impacts of the Water Taking

5.1 Notification

The Permit Holder shall immediately notify the local District Office of any complaint arising from the taking of water authorized under this Permit and shall report any action which has been taken or is proposed with regard to such complaint. The Permit Holder shall immediately notify the local District Office if the taking of water is observed to have any significant impact on the surrounding waters. After hours, calls shall be directed to the Ministry's Spills Action Centre at 1-800-268-6060.

5.2 For Groundwater Takings

If the taking of water is observed to cause any negative impact to other water supplies obtained from any adequate sources that were in use prior to initial issuance of a Permit for this water taking, the Permit Holder shall take such action necessary to make available to those affected, a supply of water equivalent in quantity and quality to their normal takings, or shall compensate such persons for their reasonable costs of so doing, or shall reduce the rate and amount of taking to prevent or alleviate the observed negative impact. Pending permanent restoration of the affected supplies, the Permit Holder shall provide, to those affected, temporary water supplies adequate to meet their normal requirements, or shall compensate such persons for their reasonable costs of doing so.

If permanent interference is caused by the water taking, the Permit Holder shall restore the water supplies of those permanently affected.

6. Director May Amend Permit

The Director may amend this Permit by letter requiring the Permit Holder to suspend or reduce the taking to an amount or threshold specified by the Director in the letter. The suspension or reduction in taking shall be effective immediately and may be revoked at any time upon notification by the Director. This condition does not affect your right to appeal the suspension or reduction in taking to the Environmental Review Tribunal under the *Ontario Water Resources Act*, Section 100 (4).

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is included to ensure that the conditions in this Permit are complied with and can be enforced.
2. Condition 2 is included to clarify the legal interpretation of aspects of this Permit.
3. Conditions 3 through 6 are included to protect the quality of the natural environment so as to safeguard the ecosystem and human health and foster efficient use and conservation of waters. These conditions allow for the beneficial use of waters while ensuring the fair sharing, conservation and sustainable use of the waters of Ontario. The conditions also specify the water takings that are authorized by this Permit and the scope of this Permit.

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, you may by written notice served upon me, the Environmental Review Tribunal and the Environmental Commissioner, Environmental Bill of Rights, R.S.O. 1993, Chapter 28, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 101 of the Ontario Water Resources Act, as amended provides that the Notice requiring a hearing shall state:

1. The portions of the Permit or each term or condition in the Permit in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

In addition to these legal requirements, the Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Permit to Take Water number;
6. The date of the Permit to Take Water;
7. The name of the Director;
8. The municipality within which the works are located;

This notice must be served upon:

The Secretary
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto ON
M5G 1E5
Fax: (416) 314-4506

AND

The Environmental Commissioner
1075 Bay Street
6th Floor, Suite 605
Toronto, Ontario M5S 2W5

AND

The Director, Section 34
Ministry of the Environment
1259 Gardiners Rd, PO Box
22032
Kingston, ON
K7P 3J6

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal:

by telephone at (416) 314-4600

by fax at (416) 314-4506

by e-mail at www.ert.gov.on.ca

This instrument is subject to Section 38 of the Environmental Bill of Rights that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek to appeal for 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry, you can determine when the leave to appeal period ends.

This Permit cancels and replaces Permit Number 91-P-4026, issued on 2002/02/04 12:00:00 AM.

Dated at Kingston this 13th day of February, 2012.



Peter Taylor
Director, Section 34
Ontario Water Resources Act, R.S.O. 1990

Schedule A

This Schedule "A" forms part of Permit To Take Water 0722-8RCKND, dated February 13, 2012.

S10T KACA 700
700 Campeau ✓



Notice of the Storage of Subject Waste
Avis de stockage de déchets visés
Revised Regulations of Ontario 1990, Regulation 347, Paragraph 3 of section 17.2
Paragraphe 3 de l'article 17.2 du Règlement 347, R.R.O. 1990

Paragraph 3 of Section 17.2 of Regulation 347 states:
The first time that subject waste is stored at the waste generation facility for more than 90 days, a notice must be given to the Regional Director, within five (5) business days after the 90th day of storage, that it describes, as accurately as possible, the nature, amount and location of the subject waste stored, or expected to be stored in the future, at the waste generation facility for more than 90 days, and it indicates how frequently subject waste is expected to be stored in the future at the waste generation facility for more than 90 days.
Note: One form for each subject waste.

Voici ce qui est stipulé au paragraphe 3 de l'article 17.2 du Règlement 347 (traduction non officielle):
La première fois qu'un déchet visé est stocké durant plus de 90 jours aux installations du producteur de déchets, un avis doit être remis au directeur de la Région régionale au plus tard cinq jours ouvrables après le 90^e jour de stockage. Il doit y être décrit, aussi exactement que possible: i) la nature, la quantité et le lieu du déchet visé qui est stocké ou dont le stockage est prévu plus tard durant plus de 90 jours aux installations du producteur de déchets; ii) la fréquence à laquelle il est prévu que le déchet visé sera stocké durant plus de 90 jours aux installations du producteur de déchets.
Note: Il faut remettre un questionnaire pour chaque déchet visé.

1. Name of generator / Nom du producteur Kanata Golf and Country Club		2. Generator No./N° de producteur ON 1 1 3 5 5 0 1					
3. Address / Adresse 6200 Campeau Dr. Kanata ON		4. Postal code / Code postal K2T 0A3					
5. Name of contact person / Nom de la personne-ressource Brady Pink - Superintendent John Byers - Mechanic		6. Telephone / Téléphone 613-592-1095					
7. Waste description / Description des déchets Used oil taken from the golf course equipment.		8. Primary characteristic / Caractéristique principale Liquid Industrial Waste			9. Waste Class / Catégorie de déchet Waste Oil and Lubricants		
Description of storage procedure and area / Description du mode et du lieu d'entreposage							
10. In which container used / Conteneurs	Tanks / Réservoirs	Drums / Barils	Yes	Other / Autre	Size / Format	No. / Nombre	Type
					205 L Drum		
11. Is water stored in a separate area? / Les déchets sont-ils entreposés en deux sites?						No / Non	<input checked="" type="radio"/> Yes / Oui
12. Is the waste storage drum(s) / tank(s) labelled? Les conteneurs (réservoirs ou barils) sont-ils étiquetés?						No / Non	<input checked="" type="radio"/> Yes / Oui
13. Will a leak or spill be contained? / Une fûtelle ou un déversement pourraient-ils être contenus?						No / Non	<input checked="" type="radio"/> Yes / Oui
14. Is the storage area/facility routinely inspected? Procède-t-on à des inspections régulières du lieu ou des installations d'entreposage?						No / Non	<input checked="" type="radio"/> Yes / Oui
15. Reason for retention of the waste / Raison de l'entreposage des déchets Small amount of waste being produced.							
16. Will the volume of waste stored change over time? / La quantité stockée changera-t-elle?		<input checked="" type="radio"/> No / Non		Amount of waste stored / Quantité stockée _____ (kg)			
		<input type="radio"/> Yes / Oui		Anticipated accumulation rate / Taux d'accumulation prévu _____ (kg/month / kg/mois)		Maximum amount to be stored / Quantité maximale à être stockée: _____ (kg)	
17. Anticipated manner of disposal of the waste / Comment sera-t-il prévu d'éliminer le déchet? Drain-All is called when drum is full. They come and pick up the waste and dispose of it.							
18. Anticipated time waste will be stored _____ (months) / (mois) / Durée prévue du stockage _____ If the subject waste remains in storage for more than 24 months an application must be made to the ministry for a Certificate of Approval / Si le déchet visé est stocké durant plus de 24 mois, une demande doit être présentée au ministère dans le but d'obtenir un certificat d'autorisation.							
19. Do you have a contingency plan in the event of a spill? / Existe-t-il un plan d'urgence en cas de déversement?						No / Non	<input checked="" type="radio"/> Yes / Oui
20. Signature of Company Official / Responsable des renseignements de la compagnie		Print name / Inscrire nom Brady Pink		21. Date / Date January 26 2015			

When completed, this form is to be submitted to the Director in your Region. / Une parvenue le formulaire au directeur de sa région.

<p>Central Region 5775 Yonge St., 6th Floor North York, Ontario M2M 4J1</p> <p>Région du Centre 5775, rue Yonge, 6^e étage Toronto (Ontario) M2M 4J1</p>	<p>Northern Region 432 James St. E., 3rd Floor Thunder Bay, Ontario P7C 5G6</p> <p>Région du Nord-Ouest 435, rue James est., 3^e étage Thunder Bay (Ontario) P7C 5G6</p>	<p>Eastern Region 1239 Gardiners Road Mississauga, Ontario R7P 3JH</p> <p>Région de l'Est 133, rue Gardiners Mississauga (Ontario) R7P 3J6</p>	<p>Southwestern Region 735 Exeter Road, 3rd Floor London, Ontario N6E 1L3</p> <p>Région du Sud-Ouest 735, rue Exeter, 3^e étage London (Ontario) N6E 1L3</p>	<p>West Central Region 119 King St., 12th Floor Hamilton, Ontario L8P 4Y7</p> <p>Région du Centre-Ouest 119, rue King, 12^e étage Hamilton (Ontario) L8P 4Y7</p>
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PEBS 5541b Revised July 2010 / Dernière mise à jour en juillet 2010

SI OK RH-CA-100 (new)

7060 Campeau Dr



Ministry of the Environment
Ministère de l'Environnement

MINISTRY OF THE ENVIRONMENT / Office of the Storage of Subject Waste
Avis de stockage de déchets visés

DEC 11 2009
Regulation of Ontario 1990, Regulation 347, Paragraph 3 of section 17.2
Paragraphe 3 de l'article 17.2 du Règlement 347, R.R.O. 1990

Paragraph 3 of section 17.2 of Regulation 347 states:

Valable qui est copié au paragraphe 3 de l'article 17.2 du Règlement 347 (traduction)
BELLVILLE OFFICE

The first time that subject waste is stored at the waste generation facility for more than 90 days, a notice must be given to the Regional Director, within five business days after the 90th day of storage, that: I, describe, as accurately as possible, the nature, amount and location of subject waste stored, or expected to be stored in the future, at the waste generation facility for more than 90 days, and II, indicate how frequently subject waste is expected to be stored in the future at the waste generation facility for more than 90 days.

La première fois qu'un déchet visé est stocké durant plus de 90 jours aux installations du producteur de déchets, un avis doit être remis au directeur de la Direction régionale au plus tard cinq jours ouvrables après le 90^e jour de stockage. Il doit y être décrit, aussi exactement que possible: I) la nature, la quantité et le lieu du déchet visé qui est stocké ou dont le stockage est prévu plus tard durant plus de 90 jours aux installations du producteur de déchets; II) la fréquence à laquelle il est prévu que le déchet visé sera stocké durant plus de 90 jours aux installations du producteur de déchets.

Note: One form for each subject waste.

Note: Il faut remettre un questionnaire pour chaque déchet visé.

1. Name of generator / Nom du producteur de déchets Clublink		2. Generator No. / N° du producteur de déchets ON 1135501	
3. Address / Adresse 6200 Campeau Dr, Kanata		4. Postal code / Code postal K2K-1X5	
5. Name of contact person / Nom de la personne-ressource Trevor Anderson		6. Telephone / Téléphone (613) 592-1095	
7. Waste description / Description des déchets Vehicle and Hydraulic oil		8. Primary characteristic / Caractéristique principale	
		9. Waste Class / Catégorie de déchets 252	
Description of storage procedure and area / Description du mode de stockage et de l'aire de stockage			
10. Indicate container used / Récipients utilisés		Size / Conteneur	
<input checked="" type="checkbox"/> Tanks / Réservoirs <input type="checkbox"/> Drums / Barils <input type="checkbox"/> Other / Autre		1000 L No. / Numéro Type	
11. Is waste stored in a secure area? / Les déchets sont-ils stockés en lieu sûr?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
12. Is the waste storage drum(s) / tank(s) labelled? / Les récipients (réservoirs, barils, etc.) sont-ils étiquetés?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
13. Will a leak or spill be contained? / Les fuites et les déversements pourraient-ils être contenus?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
14. Is the storage area/facility routinely inspected? / L'aire de stockage est-elle inspectée régulièrement?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
15. Reason for retention of the waste / Raison du stockage des déchets Waiting for tank to be full before removal.			
16. Will the amount of waste stored change over time? / La quantité stockée changera-t-elle?		Amount of waste stored / Quantité stockée 200 (kg)	
<input type="checkbox"/> No / Non		<input checked="" type="checkbox"/> Yes / Oui Anticipated accumulation rate / Taux d'accumulation prévu 50 (kg/month / kg/mois)	
		Maximum amount to be stored / Quantité maximale à être stockée 2000 (kg)	
17. Anticipated manner of disposal of the waste? / Comment est-il prévu d'éliminer le déchet? Removal By Drain All LTD			
18. Anticipated time waste will be stored 12 (months). / Durée prévue du stockage 12 (mois) If the subject waste remains in storage for more than 24 months an application must be made to the ministry for a Certificate of Approval. / Si le déchet visé est stocké durant plus de 24 mois, une demande doit être présentée au ministère dans le but d'obtenir un certificat d'autorisation.			
19. Do you have a contingency plan in the event of a spill? / Existe-t-il un plan d'urgence en cas de déversement? <input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui			
20. Signature of Company Official / Signature du représentant de l'entreprise [Signature]		Print name: Inscrivez le nom en majuscules Trevor Anderson	21. Date / Date Dec 11 / 09

When completed, this form is to be submitted to the Director in your Region. / Faire parvenir le formulaire au directeur de la Direction régionale du ministère.

Central Region 5775 Yonge St., 8th Floor North York, Ontario M2M 4J1	Northern Region 435 James St. S, 3rd Floor Thunder Bay, Ontario P7B 6M1	West Central Region 119 King St. West, 12th Floor Hamilton, Ontario L8P 4Y7	Eastern Region 1259 Gardiners Rd. Kingston, Ontario K7M 8S5	Southwestern Region 733 Ewater Road, 2nd Floor London, Ontario N6E 1L3
Direction régionale du Centre 5775, rue Yonge, 8 ^e étage North York (Ontario) M2M 4J1	Direction régionale du Nord 435, rue James Sud, 3 ^e étage Thunder Bay (Ontario) P7B 6M1	Direction régionale du Centre-Ouest 119, rue King Ouest, 12 ^e étage Hamilton (Ontario) L8P 4Y7	Direction régionale de l'Est 1259 rue Gardiners Kingston (Ontario) K7M 8S5	Direction régionale du Sud-Ouest 733, chemin Ewater, 2 ^e étage London (Ontario) N6E 1L3

MINISTRY OF THE
ENVIRONMENT

JAN - 2010

O T T A W A

0-03-01-GEN-04 4



Generator Registration Reports (GRR) Summary

Generator Registration No. CN1135701	Company Name KANATA LAKES GOLF & COUNTY CLUB	Log No. 17-293
---	---	-------------------

Waste Management Branch Review

<input type="checkbox"/> Initial GRR	<input checked="" type="checkbox"/> Re-submission	<input type="checkbox"/> Name Change	<input type="checkbox"/> Address Change
GRR(s) Dated MAR 6/92	Date Received MAR 23/92		
Letter(s) Dated	Date Received		
Telephone Record			
Remarks MINISTRY OF ENVIRONMEN MAY 20 1992 OTTAWA			
Waste(s) Added 252L			
<input type="checkbox"/> Please follow-up carriers/receivers	<input checked="" type="checkbox"/> Acknowledged	<input type="checkbox"/> Rejected	<input type="checkbox"/> Exempted
Waste Management Branch Reviewer J. Yee		Date MAR 25/92	

Regional Review

<input type="checkbox"/> No changes to GRR	<input type="checkbox"/> Clarification to GRR (attachments enclosed)	<input type="checkbox"/> Changes to GRR (attachments enclosed)
<input type="checkbox"/> Site Audit <input type="checkbox"/> Telephone Audit	Company Contact	Audit Date
Remarks		
Regional Reviewer		Date
District Officer / Reg. 309 Co-ordinator		Date



Ministry
of the
Environment

Ministère
de
l'Environnement

135 St. Clair Avenue West
Suite 100
Toronto, Ontario
M4V 1P5

135, avenue St. Clair ouest
Bureau 100
Toronto (Ontario)
M4V 1P5

APR 01 1992

Genstar Development Company
Kanata Lakes Golf & Country Club
P.O. Box 13340
Kanata, Ontario
K2K 1X5

Attn: Mr. G. Baird
Superintendent

Dear Mr. Baird:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(4) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) **received January 11, 1990 and further correspondence as outlined in Schedule "B"** for the following site:

Kanata Lakes Golf & Country Club
Lot 3, Conc. 2
6200 Campeau Dr.
Kanata, Ontario

The Generator Registration Number assigned to your company at this site is:

ON1135501

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

This acknowledgement letter supersedes the previous acknowledgement letter dated January 30, 1990 for this site.

Please ensure that the company name shown in this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.



A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

Under the Environmental Protection Act of Ontario, off-site and on-site disposal of subject wastes is only permissible if the property receiving the waste has been approved as a waste disposal site. The disposal of waste materials in an uncertified site is unlawful.

For **off-site** disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document.

For **on-site** disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any **registerable solid wastes** shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.

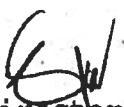
It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

1. If the name, address or telephone number of your company or waste generating site changes.
2. If the description, the waste class or physical or chemical characteristics of your registered wastes change(s).
3. If you generate a hazardous or liquid industrial waste that has not been registered with the Ministry.

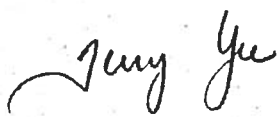
If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted by you for registration purposes.

Should you have any questions concerning generator registration or manifesting requirements, please contact the Waste Management Branch Reviewer identified below at 323-5143.

Yours truly,


Director
Regulation 309, R.R.O., 1980
Environmental Protection Act

Waste Management Branch Reviewer: _____


Terry Yee

WT/cp

Enclosure

ADDITIONAL COMMENTS:

The number of wastes reported in Field 11 of Part 1 of your Generator Registration Report (GRR) does not correspond to the number of wastes included in Part 2 of the GRR (i.e., does not correspond to the number of copies of page 2 submitted in your GRR). Should there be additional wastes which require registration, other than those shown in Schedule "A" of this letter, re-registration would be required for these additional wastes.

Based on the information you have submitted in your Generator Registration Report and/or through telephone discussion, we have selected the waste class 252L for your waste crankcase oil.

It is your responsibility to evaluate this waste class and re-register within fifteen (15) days if it is found to be inappropriate for your particular waste.

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number **ON1135501**, dated at Toronto, **APR 01 1992**

Waste Stream	Waste Class
1. Waste naphtha petroleum from degreasing	213I
2. Waste crankcase oil	252L

Waste Management Branch Reviewer:



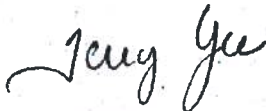
Terry Yee

SCHEDULE "B"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number **ON1135501**, dated at Toronto, **APR 01 1992**

	<u>Date</u>
Initial Generator Registration Report (GRR)	JAN 11, 1990
Supplemental GRR	MAR 6, 1992

Waste Management Branch Reviewer: _____



Terry Yee



NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generation facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

WASTE MANAGEMENT BRANCH
MAR 23 1992
Generator Registration Number / Numéro d'inscription du producteur
OW1135501

17-293

This report is / Le présent rapport constitue:

- an initial generator registration report / un premier rapport d'inscription du producteur
- or / ou
- a revision - enter Ontario Generator Registration No. / une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario

3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'identification attribué par les autorités locales en matière d'environnement.

MAR 12 1992

Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société à propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)

4. Name / Nom: Kanata Lakes Golf & Country Club

5. Address / Adresse: P.O. Box 13340 Kanata ONT

6. Municipality / Municipalité: Ottawa Carleton
Province/State / Province/État: ONT
Postal Code / Code postal: K2K 1X5

7. Site location / Lieu des installations: Kanata Lakes Golf & Country Club
6200 Campeau Dr. Kanata

8. Municipality / Municipalité: Ottawa Carleton
Province/State / Province/État: ONT
Postal Code / Code postal: K2K 1X5

9. Name of contact / Nom de la personne à contacter: Gordie Baird
Tel No. / No de tél.: 613 592 1095

10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7: 9651

11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport: []

12. Name of Company Official / Nom du représentant autorisé de la compagnie: Gordie Baird
13. Position / Poste: Superintendant

14. Signature / Signature: [Signature]
15. Date / Date: March 6 / 92

PENALTY

PÉNALTÉ

Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147)

Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)

16. Ministry Use Only / Réserve au ministère

County Code / Code de comté	
Regional/District Code / Code de région/district	
Municipal Code / Code de municipalité	
Inter City Tie Line / Ligne privée interurbaine	

Part 2 - Waste Identification / Partie 2 - Identification des déchets

1. Description of Waste / Description des déchets
Crank case oil

2. Description of generating process / Description du procédé de production
Engine oil

3. Waste quantity generated or accumulated / Quantité des déchets produits ou accumulés
Continuous process / Procédé continu: [] [] [] [] [] [] [] []
Batch process / par lots: 01 batches/mo. / 152 kg/batch / kg/lot

4. Primary characteristic / Caractéristique principale
oil

Analytical data (if applicable). If the data has been estimated, attach separate sheet outlining the basis for the estimate. / Données analytiques (le cas échéant). Si les données sont estimatives, veuillez annexer une feuille à part pour décrire sur quoi reposent les estimations.

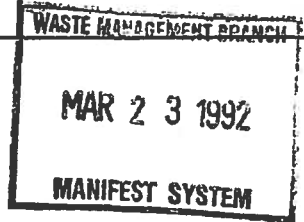
Name of Laboratory (if applicable). / Laboratoire (le cas échéant)

Waste Class: 252 Hazardous Waste Number: [] [] [] [] Specific Gravity: [] [] Physical State: (Solid-S, Liquid-L, Gas-G) []
Catégorie des déchets: 252 Numéro des déchets dangereux: [] [] [] [] Gravité spécifique: [] [] État physique: (solide-S, liquide-L, gaz-G) []

For Ministry Use Only / Réserve au ministère
[] []

5. Secondary Characteristic / Caractéristique secondaire

Analytical data (if applicable) / Données analytiques (le cas échéant)



Part 3 - Waste Management / Partie 3 - Gestion des déchets

1. Principal Intended Receiver / Réceptionnaire principal prévu
Company name and address / Nom et adresse de la compagnie: Safety Kleen Canada LTD
149 Bentley Ave E 7
Municipality: Ottawa Carleton Province/State: ONT Postal Code: K2V 6J7
Receiver No.: Pending

2. Principal Intended Carrier / Transporteur principal prévu
Company name and address / Nom et adresse de la compagnie: Safety Kleen Canada LTD
149 Bentley Ave E 7
Municipality: Ottawa Carleton Province/State: ONT Postal Code: K2V 6J7
MOE Carrier No.: A Pending



Ministry
of the
Environment

Ontario

Record of Verbal Transaction
Waste Management Branch

File No.
ON 113 J J 01

To	Kanata Lakes Golf & Country Club		Location	
From	[Name shown]		Location	WMB
<input type="checkbox"/> Incoming Call	<input checked="" type="checkbox"/> Outgoing Call	<input type="checkbox"/> Interview	Time	9:55
			Date	92.03.24

Subject Name / site I.D. 613-592-1095

Kanata Lakes Golf & Country Club is owned & run by Genstar Development Co. It's the same site, and they have the proper address.

Name	Signature
	[Signature]



Report On the Storage Of Subject Waste Rapport sur l'entreposage de déchets visés

Ontario Regulation 309, Subsection 15.(10) / Règlement 309 de l'Ontario, paragraphe 15(10)

Subsection 15 (10) of Regulation 309 states:

When any subject waste is retained at a waste generation facility for a period longer than three months, the generator, unless there is a waste disposal site certificate of approval or provisional certificate of approval in respect of the facility, shall submit a report to the Regional Director of the Ministry within five business days after the three-month period which shall include the name and waste number of the waste, the quantity involved, the manner in which it is stored, the reason for the retention and the anticipated time and manner of disposal of the waste.

Note: One form for each subject waste.

Paragraphe 15(10) du Règlement 309 de l'Ontario :

Quand un producteur de déchets garde des déchets visés par le présent règlement dans un lieu de production de déchets pendant plus de trois mois et qu'il ne détient pas de certificat d'autorisation ni de certificat d'autorisation provisoire pour un lieu d'élimination des déchets, il doit, dans les cinq jours ouvrables suivant la fin de ladite période de trois mois, présenter au directeur régional du Ministère un rapport faisant état de la désignation et du numéro des déchets, de leur quantité, de la façon dont ils sont entreposés, de la raison de leur entreposage, ainsi que du moment et du mode d'élimination prévus.

NOTA : UN FORMULAIRE DOIT ÊTRE REMPLI POUR CHAQUE DÉCHET VISÉ.

1 Name of generator / Nom du producteur <i>Kanata Lakes Golf & Country Club</i>	2 Generator No / N° du producteur <i>ON 1111315151011</i>
3 Address / Adresse <i>6200 Compeau Drive</i> City / Ville <i>Kanata</i>	4 Postal code / Code postal <i>K2K 1X5</i>
5 Name of contact person / Nom de la personne-ressource <i>Gordie Baird</i>	6 Telephone / Téléphone <i>613-592-1095</i>
7 Waste description / Description des déchets <i>Part cleaning solution</i>	8 Primary characteristic / Caractéristique principale <i>Versal</i>
	9 Waste class / Catégorie de déchet

Description of storage procedure and area / Description du mode et du lieu d'entreposage

10. Indicate container used: / Contenant : Tanks Réservoirs Drums Barils Other Autre

Size / Format: *5 gal.* No / Numéro: *1* Type Container: *that comes in*

11. Is waste stored in a secure area? / Les déchets sont-ils entreposés en lieu sûr? No / Non Yes / Oui

12. Is the waste storage drum(s)/tank(s) labelled? / Les contenants (réservoirs ou barils) sont-ils étiquetés? No / Non Yes / Oui

13. Will a leak or spill be contained? / Une fuite ou un déversement pourraient-ils être contenus? No / Non Yes / Oui

14. Is the storage area/facility routinely inspected? / Procède-t-on à des inspections régulières du lieu ou des installations d'entreposage? No / Non Yes / Oui

15 Reason for retention of the waste / Raison de l'entreposage des déchets

The Versal is in the parts cleaner

16. Anticipated time and manner of disposal of the waste / Moment et mode d'élimination prévus des déchets

Every Year.

Call Lacobee and have the waste taken away

17. Do you have a contingency plan in the event of a spill? / Existe-t-il un plan d'urgence pour parer à un déversement? No / Non If Yes, please attach a copy. / Oui, en joindre une copie

18 Signature of Company Official / Signature du représentant de la compagnie Print name / Nom (en caractères d'imprimerie) *Gordie Baird* 19 Date *Feb 27/92*

When completed, this form is to be submitted to the Director in your Region. / Faire parvenir le formulaire au directeur de sa région.

Central Region
7 Overlea Blvd. 4th Floor
Toronto, Ontario
M4H 1A8

Northwestern Region
435 James St. S. 3rd Floor
Thunder Bay, Ontario
P7C 5G6

Région du Centre
7, boul. Overlea, 4^e étage
Toronto (Ontario)
M4H 1A8

Région du Nord-Ouest
435, rue James sud, 3^e étage
Thunder Bay (Ontario)
P7C 5G6

Southeastern Region
133 Dalton St.
Kingston, Ontario
K7L 4X6

Southwestern Region
985 Adelaide St. S.
London, Ontario
N6E 1V3

Région du Sud-Est
133, rue Dalton
Kingston (Ontario)
K7L 4X6

Région du Sud-Ouest
985, rue Adelaide sud
London (Ontario)
N6E 1V3

Northeastern Region
199 Larch St., 11th Floor

West-Central Region
119 King St., 12th Floor

Région du Nord-Est
199, rue Larch, 11^e étage

Région du Centre-Ouest
119, rue King, 12^e étage



Ministry
of the
Environment
Ontario

Ministère
de
l'Environnement

Report On the Storage Of Subject Waste Rapport sur l'entreposage de déchets visés

Ontario Regulation 309, Subsection 15.(10) / Règlement 309 de l'Ontario, paragraphe 15(10)

<p>Subsection 15.(10) of Regulation 309 states:</p> <p><i>When any subject waste is retained at a waste generation facility for a period longer than three months, the generator, unless there is a waste disposal site certificate of approval or provisional certificate of approval in respect of the facility, shall submit a report to the Regional Director of the Ministry within five business days after the three-month period which shall include the name and waste number of the waste, the quantity involved, the manner in which it is stored, the reason for the retention and the anticipated time and manner of disposal of the waste.</i></p> <p>Note: One form for each subject waste.</p>		<p>Paragraphe 15(10) du Règlement 309 de l'Ontario :</p> <p><i>Quand un producteur de déchets garde des déchets visés par le présent règlement dans un lieu de production de déchets pendant plus de trois mois et qu'il ne détient pas de certificat d'autorisation ni de certificat d'autorisation provisoire pour un lieu d'élimination des déchets, il doit, dans les cinq jours ouvrables suivant la fin de ladite période de trois mois, présenter au directeur régional du Ministère un rapport faisant état de la désignation et du numéro des déchets, de leur quantité, de la façon dont ils sont entreposés, de la raison de leur entreposage, ainsi que du moment et du mode d'élimination prévus.</i></p> <p>NOTA : UN FORMULAIRE DOIT ÊTRE REMPLI POUR CHAQUE DÉCHET VISÉ.</p>	
<p>1. Name of generator / Nom du producteur <i>Kanata Lakes Golf & Country Club</i></p>		<p>2. Generator No. / N° du producteur ON <i>111135501</i></p>	
<p>3. Address / Adresse <i>6200 Campeau Drive</i></p> <p>City / Ville <i>Kanata</i></p>		<p>4. Postal code / Code postal <i>K2K 1X5</i></p>	
<p>5. Name of contact person / Nom de la personne-ressource <i>Gordie Baird</i></p>		<p>6. Telephone / Téléphone <i>613-592-1095</i></p>	
<p>7. Waste description / Description des déchets <i>Crank Case oil</i></p>		<p>8. Primary characteristic / Caractéristique principale <i>Crank Case Oil</i></p>	
		<p>9. Waste class / Catégorie de déchet</p>	
<p>Description of storage procedure and area / Description du mode et du lieu d'entreposage</p>			
<p>10. Indicate container used: / Contenant :</p> <p><input checked="" type="checkbox"/> Tanks / Réservoirs <input type="checkbox"/> Drums / Barils <input type="checkbox"/> Other / Autre</p>		<p>Size / Format <i>20 gal</i></p>	<p>No / Numéro <i>1</i></p>
		<p>Type Oil <i>Furniture tank</i></p>	
<p>11. Is waste stored in a secure area? / Les déchets sont-ils entreposés en lieu sûr?</p>		<p><input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui</p>	
<p>12. Is the waste storage drum(s)/tank(s) labelled? / Les contenants (réservoirs ou barils) sont-ils étiquetés?</p>		<p><input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui</p>	
<p>13. Will a leak or spill be contained? / Une fuite ou un déversement pourraient-ils être contenus?</p>		<p><input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui</p>	
<p>14. Is the storage area/facility routinely inspected? / Procède-t-on à des inspections régulières du lieu ou des installations d'entreposage?</p>		<p><input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui</p>	
<p>15. Reason for retention of the waste / Raison de l'entreposage des déchets <i>Store until amounts become enough to have pumped out.</i></p>			
<p>16. Anticipated time and manner of disposal of the waste / Moment et mode d'élimination prévus des déchets <i>Every year Call safety clean and have tank pumped out.</i></p>			
<p>17. Do you have a contingency plan in the event of a spill? / Existe-t-il un plan d'urgence pour parer à un déversement? <input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes. please attach a copy. / Oui; en joindre une copie.</p>			
<p>18. Signature of Company Official / Signature du représentant de la compagnie <i>[Signature]</i></p>		<p>Print name / Nom (en caractères d'imprimerie) <i>Gordie Baird</i></p>	<p>19. Date <i>Feb 27 / 92</i></p>

When completed, this form is to be submitted to the Director in your Region. / Faire parvenir le formulaire au directeur de sa région.

Central Region
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Hamilton, Ontario
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199, rue Larch, 11^e étage
Sudbury (Ontario)
P3E 5P9

Région du Centre-Ouest
119, rue King, 12^e étage
Hamilton (Ontario)
L8N 3Z9

000054

JITTING SUMMARY

District: Ottawa

Name of Company: Kanata Lakes Golf + Country Club.

GRR No.: ON 1135501

Phone No.: (613) 592-1095.

Name of Contact: Gordie Baird

Type of Industry: Golf Course.

Site Visit: Yes No Date of Visit: 9/2/26

Samples: Yes No Results: _____

Waste Classes Primary Characteristics:

Waste Crankcase oil

Waste Naphtha petroleum.

Process Description: _____

Waste naphtha petroleum is produced in small quantities (over 20 litres per month). No carrier of the naphtha petroleum was specified. Manifests were not immediately available for inspection.

Waste crankcase oil is stored on site. A single 200 gallon storage tank is approximately 25% full. On a previous session, one load of 200 gallons was removed. Manifesting did not reflect this.

Storage Over 90 Days: Yes No

Storage Report Completed: Yes No Date Rec'd: _____

Deficiencies in GRR

Resolution

Kanata Lakes Golf + Country Club was owned by Genstar Developments Inc. Therefore, a search of manifests retained at Genstar Developments Ltd revealed that waste crankcase oil had never been manifested.

Waste naphtha petroleum was ~~from~~ removed from property under manifest on two occasions.

The Golf Club discontinued Safety Klean's services in the spring of 1990. No other records of waste shipments since May 1990 are available.

District Involvement:

Occurrence & report for the violation of removal of waste without a waste number; fail to register supplementary wastes within fifteen days.



Action Required:

- R. 309 violation for
- 1) No supplementary generator registration for waste oil
 - 2) No manifesting of waste oils
 - 3) ~~Removal~~ Removal of waste naphtha petroleum without manifesting, since May, 1990.

Reviewer: For Rustad

Date (Commenced) 92/02/11 (Completed) 92/02/27

INCIDENT REPORT

Reference Number:	3822-5PQKEB	File Storage Number:	SI OC KA CA 220
Module:	Incident Reporting	Module Type:	Legislation Non-Compliance
Cross Reference:	 (doc link)	Task Link:	2227-5PQKHC 
Originating Document:		Created by:	Tara MacDonald
Date Created:	2003/07/23	Date Completed:	2003/07/29
Bring Forward Date:		Bring Forward Reason:	
Status:	Closed - Abatement Response		
Program	Water - Ground & Surface	Activity:	Inspections - PTTW

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?

(legislation, certificate of approval, order, or guideline)

Yes No To be determined

[Click here for Guidance](#)

Caller or PO Information

Reported By:			
First Name	Last Name		
Tara	MacDonald		
Contact Mailing Address			
Municipality:			
Ottawa			

Reported By:	
--------------	--

MOE Information

Date & Time Reported to MOE:	2003/07/10 10:45		
Office Receiving Incident Report:	Ottawa District Office		
Incident Info Received By:	Tara MacDonald		
MOE Response:	Not Determined	Site Region:	Eastern
Date & Time of MOE Arrival at Scene:			
Master Incident Report Number:			
SAC Action Class:			
Non-Standard Procedure:	No		
ERP Call-out Initiated:			

Client(s)

Client Details

Clublink Capital Corporation
 Mailing Address: 15675 Dufferin Street, King, Ontario, Canada, L7B 1K5
 Physical Address: Lot , Concession: , Part: , Plan: , 15675 Dufferin Street, King, Township, Regional Municipality of York,
 Ontario, Canada, L7B 1K5
 Telephone: (905)841-3730, FAX: (905)841-8488
 Client #: 0642-5VDM8M, Client Type: Corporation

Site(s)

Site Details

Kanata Golf and Country Club
 Address: Concession: , Plan: , 7000 Campeau Drive, Kanata, ON. K2K 1X5, Ottawa, City, K2K 1X0
 District Office: Ottawa
 Site #: 7462-5NLRMH

Incident Information

Incident Summary:	Violation of the OWRA, Section 34(8) <i>cannot be longer than 60 characters</i>
Incident Description:	<p>A Permit to Take Water Inspection was conducted at the Kanata Golf and Country Club (Clublink Capital Corporation) by Tara MacDonald on June 17th, 2003, which indicated a violation to PTTW#91-P-4026, by failing to install flow meters on all pumping devices prior to the taking of water, as well as a marginal exceedence of the maximum daily allotment of water taking from the pond reservoir. The marginal exceedence is not a violation of legislation, as we will have notified to Director of the change in water taking within the 30 days given to do so. However, Kanata Golf and Country Club may require an amendment to their PTTW, and an application is attached to the inspection report.</p> <p>P814-121 was issued to the owner and operating authority to provide the following:</p> <ol style="list-style-type: none"> By July 24, 2003, provide to the undersigned written confirmation that the owner has properly installed a calibrated flow meter and totalizer or other flow measuring devices which will provide an accurate measurement of the amount of water being taken on any pumping equipment used to take water from the wells designated as required by Condition #13 of PTTW # 91-P-4026. The Permit Holder shall immediately report to the Director of the exceedence of the maximum daily allotment of water taking from the pond reservoir as described in the general conditions of the Permit To Take Water and in the Permit application.

Attachments, Links & Comments:

Date & Time of Incident	2003/06/17		
Source Type:		Sector Type:	
Nearest Watercourse:		Watershed Category Code:	
Environmental Impact:	Not Anticipated		
Nature of Impact:			
Incident Cause:		Incident Reason:	
Damaged Party:	No		

Contaminants Table

Contaminant Name	Code	UN#	Limit	Quantity	[units]	[freq]

Controller of Material:		Owner of Material:	
Estimated Clean Up Cost:		Who Cleaned Up:	
% Clean Up:	%	Agencies Involved:	

Voluntary / Mandatory Abatement

Is there Voluntary Abatement Activity?	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> To be determined
--	---------------------------	--------------------------	--

Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
------	--------------	---------------------------------	------	------------

Offence(s)

Suspected Violation(s)/Offence(s):
Act - Regulation - Section, Description (General Offence) 1) Ontario Water Resources Act - OWRA - 34 (8), Every person who contravenes, (a) subsection (3) or (4); (b) a notice served on him, her or it or received by him, her or it or on his, her or its behalf under subsection (4) or (7); or (c) any of the terms and conditions of a permit issued by a Director, is guilty of an offence. [107 (1)]

Provincial Officer:

Name: Jena Leavoy
 Badge No: 814

Work Unit:

District/Area Office: Ottawa District Office
 Date: 2003/07/10

Signature:

Area Supervisor:

Name: Paul Kehoe

Work Unit:

District/Area Office: Ottawa District Office
 Date: 2003/07/29

Signature:

Paul Kehoe



OCCURENCE REPORT

Location of Occurrence: NEPEAN CITY 7000 CAMPEAU DRIVE, KANATA Reg: 4 Dist: OT Municipality: 20104		Source: KANATA GOLF AND COUNTRY CLUB Sector: SI Source: WS SIC: UTM: N: [5014000] E: [439000] Zone: [18]	
Entered: 1999/10/08 10:33	ORIS No. 9940001939	Abstracts: 0	Diaries: 0
Received By: TRUDY HERFKENS		Batch: 3284	I. E. B. No.
Occurrence Type: N	Subtype: 04	Occurrence Date:	1999/09/27
Work Plan:	WH	Occurrence Time:	
Reported By: DRAIN ALL LTD.		Report to MOE: 1999/09/27 00:00 MOE at Scene:	
Telephone No. 613-739-1070 x	Alternate No. x	Assigned To:	GREG MONTCALM
Address: 2705 STEVENAGE DRIVE GLOUCESTER, ONTARIO Postal Code: K1G 3N2		ERP Contacted: Callout: <input type="checkbox"/> NSP: <input type="checkbox"/> ERP Name:	
Syn: ISSUED EMERGENCY GENERATOR NUMBER			
Brief Summary: ISSUED EMERGENCY GENERATOR NUMBER FOR MANIFEST #KK54704-6 FOR WASTE CLASS 242H WASTE PESTICIDES, LIQUIDS, TOXIC N.O.S. (GRAMOVAL). If there are related reports, record initial/master ORIS No. here >>			
Followup Action: X Abatement IEB Other BF Date:			
File Closed: Y Abatement: IEB Other Suspected Violation:			
Report Prepared By: TRUDY HERFKENS	Date: 99/10/08	IEB Investigator:	IEB BF Date
Approving Officer GEORGE CLARKE	Date: 99/10/08	Reviewing Officer:	Date
Specify number(s) for routing Original [] [] [] [] []		Continued [] Yes	
Specify number(s) for copy distribution [] [] [] [] []			
1. Investigator/E.O.	2. D. O. /File	3. SAC (Initial spills)	
4. Reg. Dir. / _____ Mgr.	5. IEB Reg. Spv	6. IEB H.O./file	7. Other _____
SAC Action Class: 1: 2:			

Material 1: N/A Amount :	Code : UN No.:
Material 2: Amount :	Code : UN No.:
Material 3: Amount :	Code : UN No.:
Cause.....:	Code. . :

Reason..... :		Code.. :
Person in Control:		Waste GenNum :
Owner..... :		Waste GenNum :
Agencies Involved..... :		
Clean up and Restoration Carried out by:		
<input checked="" type="checkbox"/> Controller	<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> [N] Other
% Cleaned up:		Estimated Cost:
Were Directions or Approval Given Under		
EPA Part X <input checked="" type="checkbox"/>	Regulation 362 <input checked="" type="checkbox"/>	Manifest No.
Waste Class :		Code .. :
Hauler :		Code .. :
Disposal Site :		Code .. :
Environmental Impact:	Nature of Impact:	Code .. :
People/Business Damaged		
(Other than to Owner/Controller) :		
Nature of Damage:		Code .. :



PermitToTakeWater Inspection Report

Client:	Clublink Capital Corporation Mailing Address: 15675 Dufferin Street, King, Ontario, Canada, L7B 1K5 Physical Address: 15675 Dufferin Street, King, Township, Regional Municipality of York, Ontario, Canada, L7B 1K5 Telephone: (905)841-3730, FAX: (905)841-8488 Client #: 5591-5CAJC5, Client Type: Corporation		
Inspection Site Address:	Kanata Golf and Country Club Address: 7000 Campeau Drive, Kanata, ON, K2K 1X5, Ottawa, City, K2K 1X0 District Office: Ottawa		
Contact Name:	Mike Fortier	Title:	Superintendent
Contact Telephone:	(613)592-1095 ext	Contact Fax:	(613)592-2169
Last Inspection Date:			
Inspection Start Date:	2003/06/17	Inspection Finish Date:	2003/06/17
Region:	Eastern		

1.0 INTRODUCTION

A routine Permit to Take Water Site Inspection was conducted at the Kanata Golf and Country Club on June 17th, to ensure compliance with the Ontario Water Resources Act, Section 34. Tara MacDonald, PTTW Inspector, performed the inspection and completed the inspection report.

2.0 INSPECTION OBSERVATIONS

Permit Number:
91-P-4026

2.1 PURPOSE OF TAKING:

Irrigation

Additional Comments:

2.2 SYSTEM DESCRIPTION:

- Surface water source: Yes
- Ground water source: Yes

Located on the golf course for purposes of irrigation are two irrigation ponds and two wells. The primary irrigation pond is used for the main irrigation of the golf course. The secondary irrigation pond is capable for irrigation, however, it has not been needed for irrigation purposes for over two years. When the primary irrigation pond water levels decrease, the wells feed into the pond to raise the water level. The wells have not been used yet this year (2003). The secondary irrigation pond also feeds the primary pond with water if the water level of the primary pond decreases, however, this has not occurred in the three years that Mr. Fortier has worked at the Kanata Golf and Country Club, and it is only a last resort.

The pumphouse is located adjacent to the primary irrigation pond. It holds two 40 Hp *Flowtronics* pumps powered by two *U.S Electrical Motors* engines. The maximum capacity of these pumps is unknown. A jockey pump is what maintains the pressure for the main pumps and it has a maximum capacity of 200 U.S gal/min. A *Cambridge Controls* meter is installed on the pumps in the

pumphouse to maintain water records.

The wells have two submersible pumps, and both the make and model of the pumps is unknown. At the time of inspection there were no meters installed on the two wells, however, Mr. Fortier indicated during the inspection that the meters have been bought and are awaiting installation. A fax sent was sent by Mr. Fortier dated June 20th, 2003, establishing proof of purchase for the two pump flow meters, as well as ensuring confirmation by Mr. Fortier that a meter was installed on well #1 and the other flow meter will be installed on well#2 on June 23rd, 2003.

2.3 QUANTITY ASSESSMENT:

Kanata Golf and Country Club are monitoring the amount of water taking from the primary irrigation pond. The amount of taking varies and according to calculations the irrigation for 2003 has been consistent with the maximum daily limit of water taking PTTW # 91-P-4026 permits (3,409,500 L/d from the irrigation pond, 1,067,037 L/d from well #1, and 414,686 L/d from well #2). However, on June 13th, 2003, 131,700 L was taken above the maximum allotment stipulated on the PTTW. The amount taken was 3,541,200 L/d while the maximum water allotment for the day is 3,409,500 L/d.

Mr. Fortier indicated during the inspection that no water has been pumped from the wells for 2003. It was indicated, however, that water taking did occur from the wells during the 2002 irrigation season, which were not metered.

2.4 ASSESSMENT OF OTHER PERMIT CONDITIONS:

Condition #13 of PTTW # 91-P-4026 indicates that 'prior to any taking of water authorised by this Permit, the Permit Holder shall properly install a calibrated flow meter and totalizer or other flow measuring device that will provide an accurate measurement of the amount of water being taken on any pumping equipment used to take water from the wells designated under this Permit and shall ensure the Permit Holder's employees or Consultant who obtain readings from the flow meter and totalizer are properly trained to measure and calibrate the equipment.

At the time of inspection there were no meters installed on the two wells, however, Mr. Fortier indicated during the inspection that the meters have been bought and are awaiting installation. A fax sent in by Mr. Fortier dated June 20th, 2003 gave record of a proof of purchase for the flow meters. The fax also indicated that Mr. Fortier installed a flow meter on well #1 and plans on installing the meter on well#2 on June 23rd, 2003.

2.5 ASSESSMENT OF REGULATION 285/99:

N/A

3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

No previous PTTW inspection has occurred at the Kanata Golf and Country Club, therefore, there are no previous non-compliance issues.

4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate ?

No

Specifics:

Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?

No

Specifics:

Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?

Yes

Specifics: A violation of Ontario Water Resources Act (OWRA), section 34(8), any person who contravenes any of the terms and conditions of a permit issued by a Director, is guilty of an offence. R.S.O. 1990, c.0.040, s.34.

Was there any indication of a potential for environmental impairment during the inspection and/or the review of relevant material ?

No

Specifics:

5.0 ACTION(S) REQUIRED

By July 24, 2003, provide to the undersigned written confirmation that the owner has properly install a calibrated flow meter and totalizer or other flow measuring devices which will provide an accurate measurement of the amount of water being taken on any pumping equipment used to take water from the wells designated as required by Condition #13 of PTTW # 91-P-4026.

Immediately, the Permit Holder shall report to the Director of the exceedence of the maximum daily allotment of water taking from the pond reservoir as described in the general conditions of the Permit To Take Water and in the Permit application.

6.0 OTHER INSPECTION FINDINGS

N/A

7.0 INCIDENT REPORT

Applicable
3822-5PQKEB

8.0 ATTACHMENTS

Kanata Golf and Country Clubs H2O records.doc

PREPARED BY:

Environmental Officer:

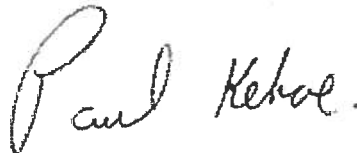
Name: Jena Leavoy
District Office: Ottawa District Office
Date: 2003/07/10
Signature

REVIEWED BY:

District Supervisor:

Name: Paul Kehoe
District Office: Ottawa District Office
Date: 2003/07/11

Signature:



File Storage Number: SI OC KA CA 220

Note:

"This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority

to ensure compliance with all applicable legislative and regulatory requirements"



Ministry of the
Environment

Ministère de
l'Environnement

Provincial Officer's Order

Environmental Protection Act, R.S.O. 1990, c.E 19 (EPA)
Ontario Water Resources Act, R.S.O. 1990, c. O. 40 (OWRA)
Pesticides Act, R.S.O. 1990, c. P11 (PA)
Safe Drinking Water Act, S.O. 2002, c.32 (SDWA)

Order Number
P814-121

To: Clublink Capital Corporation
15675 Dufferin Street
King, Ontario, L7B 1K5
Canada

Kanata Golf and Country Club
700 Campeau Drive, Kanata
Ottawa, Ontario, K2K 1X5
Canada

Site: 7000 Campeau Drive, Kanata, ON. K2K 1X5

Ottawa

Work Ordered

1. **By July 24, 2003**, provide to the undersigned written confirmation that the owner has properly installed a calibrated flow meter and totalizer or other flow measuring devices which will provide an accurate measurement of the amount of water being taken on any pumping equipment used to take water from the wells designated as required by Condition #13 of PTTW # 91-P-4026.
2. The Permit Holder shall **immediately** report to the Director of the exceedence of the maximum daily allotment of water taking from the pond reservoir as described in the general conditions of the Permit To Take Water and in the Permit application.
 - A. While this Order is in effect, a copy or copies of this order shall be posted in a conspicuous place.
 - B. While this Order is in effect, report in writing, to the District or Area office, any significant changes of operation, emission, ownership, tenancy or other legal status of the facility or operation.

Issued at Ottawa this 17th day of July, 2003.

Jena Leavoy
Badge No: 814
Ottawa District Office
Tel: (613) 521-3456 Ext. 236

APPEAL/REVIEW INFORMATION

REQUEST FOR REVIEW

You may request that this order be reviewed by the Director. Your request must be made in writing (or orally with written confirmation) within seven days of service of this order and sent by mail or fax to the Director at the address below. In the written request or written confirmation you must,

- specify the portions of this order that you wish to be reviewed;
- include any submissions to be considered by the Director with respect to issuance of the order to you or any other person and with respect to the contents of the order;
- apply for a stay of this order, if necessary; and provide an address for service by one of the following means:
 1. mail
 2. fax

The Director may confirm, alter or revoke this order. If this order is revoked by the Director, you will be notified in writing. If this order is confirmed or amended by order of the Director, the Director's order will be served upon you. The Director's order will include instructions for requiring a hearing before the Environmental Review Tribunal.

DEEMED CONFIRMATION OF THIS ORDER

If you do not receive oral or written notice of the Director's decision within seven days of receipt of your request, this order is deemed to be confirmed by order of the Director and deemed to be served upon you.

You may require a hearing before the Environmental Review Tribunal if, within 15 days of service of the confirming order deemed to have been made by the Director, you serve written notice of your appeal on the Environmental Review Tribunal and the Director. Your notice must state the portions of the order for which a hearing is required and the grounds on which you intend to rely at the hearing. Except by leave of the Environmental Review Tribunal, you are not entitled to appeal a portion of the order or to rely on grounds of appeal that are not stated in the notice requiring the hearing. Unless stayed by the Environmental Review Tribunal, the order is effective from the date of service.

Written notice requiring a hearing must be served personally or by mail upon:

The Secretary	and	Director (Provincial Officer Orders)
Environmental Review Tribunal		Ministry of the Environment
P.O. Box 2382		2435 Holly Lane
2300 Yonge Street, Suite 1201		Ottawa ON K1V 7P2
Toronto, ON M4P 1E4		Fax: (613)521-5437

Where service is made by mail, it is deemed to be made on the fifth day after the date of mailing and the time for requiring a hearing is not extended by choosing service by mail.

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal by:

Tel: (416) 314-4600

Fax: (416) 314-4506

www.ert.gov.on.ca

FOR YOUR INFORMATION

- Unless stayed by the Director or the Environmental Review Tribunal, this order is effective from the date of service. Non-compliance with the requirements of this order constitutes an offence.
- The requirements of this order are minimum requirements only and do not relieve you from complying with the following:
 - any applicable federal legislation;
 - any applicable provincial requirements that are not addressed in the order; and
 - any applicable municipal law.
- The requirements of this order are severable. If any requirement of this order or the application of any requirement to any circumstance is held invalid, the application of such requirement to other circumstances and the remainder of the order are not affected.
- Further orders may be issued in accordance with the legislation as circumstances require.
- The procedures to request a review by the Director and other information provided above are intended as a guide. The legislation should be consulted for additional details and accurate reference.

UTM 18 4 2 7 7 2 0 E
 5 R 5 0 1 9 2 3 0 N
 Elev. 4 R 0 3 5 0
 Basin 2 5



31G5d

15 No 3303
 158
 MAY 20 1961
 ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City March
 Date completed 15 March 1961
 (day month year)
 Address Bell Canada R.R. 2

Casing and Screen Record

Inside diameter of casing 2
 Total length of casing 6.6
 Type of screen -
 Length of screen -
 Depth to top of screen -
 Diameter of finished hole 2

Pumping Test

Static level 3
 Test-pumping rate 4 G.P.M.
 Pumping level 30
 Duration of test pumping 2 hr
 Water clear or cloudy at end of test clear
 Recommended pumping rate 4 G.P.M.
 with pumping level of 30

Well Log

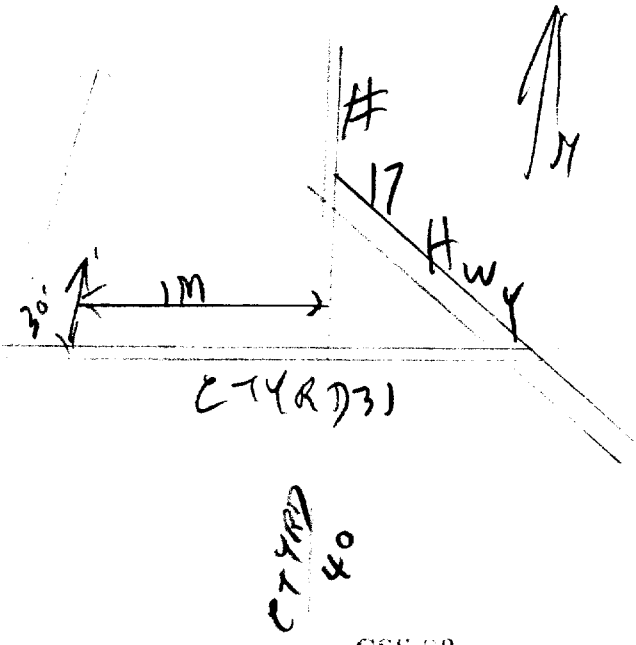
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>Sandy clay</u>	<u>0</u>	<u>1</u>	<u>24</u>	<u>21</u>	<u>Fresh</u>
<u>Tray Granite</u>	<u>1</u>	<u>84</u>			

For what purpose(s) is the water to be used? House
 Is well on upland, in valley, or on hillside? Hillside
 Drilling Firm F.R. Corsette
 Address 1510 Baseline Rd.
Ottawa
 Licence Number 757
 Name of Driller same
 Address same
 Date May 12-61
F.R. Corsette
 (Signature of Licensed Drilling Contractor)

Location of Well

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





3165d

3304

UTM 18 4 277 20 E

Co 5 R 5 0 1 9 2 3 0 N

Elev: 4 R 0 3 5 0

The Ontario Water Resources Commission Act

WATER WELL RECORD

GROUND WATER BRANCH
DEC 3 1963
ONTARIO WATER RESOURCES COMMISSION

Basin 25
County or District

Carleton

Township, Village, Town or City

Marsh

Con. 2 Lot PT 6

Date completed 20 Aug 1963
(day month year)

Address: Bell Plover RR 2

Casing and Screen Record

Inside diameter of casing 2
 Total length of casing 10
 Type of screen —
 Length of screen —
 Depth to top of screen —
 Diameter of finished hole 2

Pumping Test

Static level 7
 Test-pumping rate 6 G.P.M.
 Pumping level 25
 Duration of test pumping 2 hr
 Water clear or cloudy at end of test Clear
 Recommended pumping rate 6 G.P.M.
 with pump setting of 25 feet below ground surface

Well Log

Overburden and Bedrock Record

Gray Granit

Water Record

From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
0	77	77	Fresh

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

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

Drilling or Boring Firm: J R Consetti

Address: 1510 Base line Rd
Ottawa

Licence Number: 10 31

Name of Driller or Borer: Same

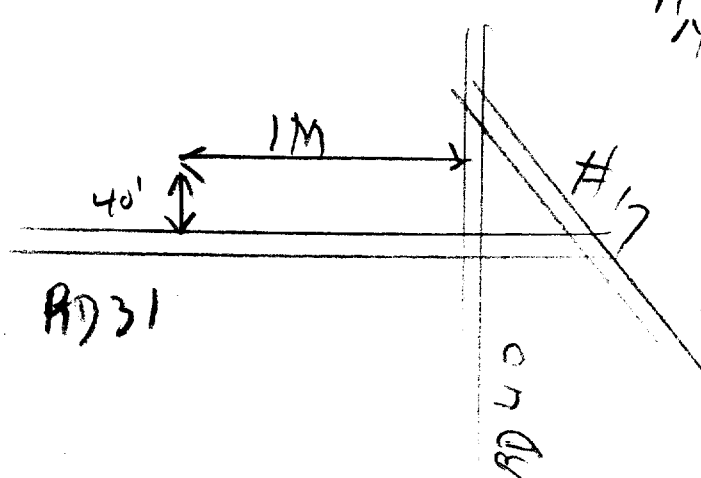
Address: Same

Date: Sept 2 - 63

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



UTM 18 427720 E
 5 R 5019230 N
 Elev. 4 R 0350
 Basin 25
 County or District Carl.



312-50

WATER RESOURCES
 15 DIVISION 3105
 JAN 19 1965
 ONTARIO WATER
 RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

Township, Village, Town or City March
 Date completed 14 Dec. 1964
 (day month year)
 Address 3433 Carling Ave. Ottawa

Casing and Screen Record

Inside diameter of casing 5"
 Total length of casing 20'
 Type of screen
 Length of screen
 Depth to top of screen
 Diameter of finished hole 5"

Pumping Test

Static level 23'
 Test-pumping rate 4 G.P.M.
 Pumping level 60'
 Duration of test pumping 1 hr.
 Water clear or cloudy at end of test cloudy
 Recommended pumping rate 4 G.P.M.
 with pump setting of 80' feet below ground surface

Well Log

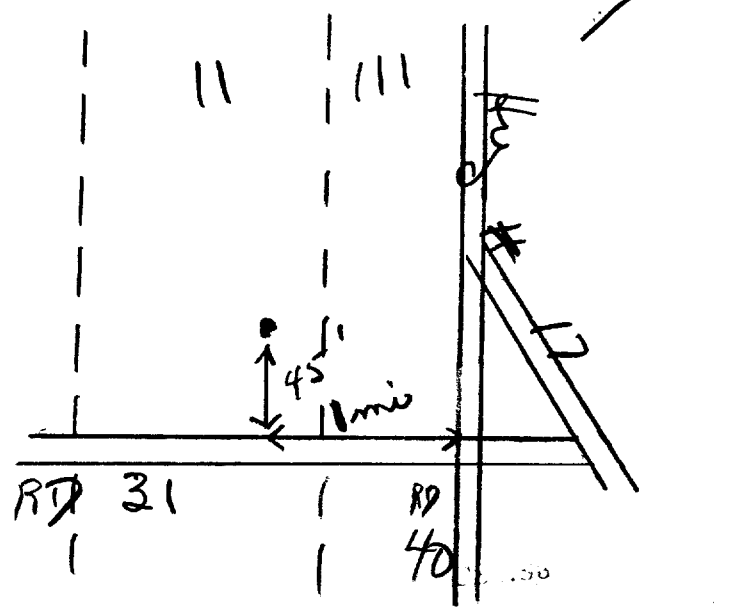
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>clay</u>	<u>0'</u>	<u>3'</u>	<u>105'</u>	<u>fresh</u>
<u>granite</u>	<u>3'</u>	<u>106'</u>		

For what purpose(s) is the water to be used?
new house
 Is well on upland, in valley, or on hillside? upland
 Drilling or Boring Firm CAPITAL WATER SUPPLY
 Address 1243 Heron Rd.
Ottawa 733-0600
 Licence Number 1223
 Name of Driller or Borer M. Kavanagh
 Address
 Date Dec. 14 1964
Halter Kavanagh
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well

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





UTM 18 428290 E

5 R 5018870 N

3165d

15 No 3338

Elev. 4 R 0330

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 25 CARLETON

Township, Village, Town or City MARCH

Con. 3 Lot 4

Date completed 19 8 1966 (day month year)

Owner WM. TERON LTD. (print in block letters)

Address 251 LAURIER AVE, OTTAWA

Casing and Screen Record

Pumping Test

Inside diameter of casing 6 1/4"
Total length of casing 21'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 6"

Static level 3'
Test-pumping rate 30 G.P.M.
Pumping level 145'
Duration of test pumping 10 HRS.
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 30 G.P.M.
with pump setting of 160 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

From ft.

To ft.

Depth(s) at which water(s) found

Kind of water (fresh, salty, sulphur)

EARTH
GRANITE

0 18
18 200

125 Fresh

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

GOLF COURSE

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

Drilling or Boring Firm MCLEAN WATER SUPPLY LTD.

Address 1532 RAVEN AVE OTTAWA 3, ONT.

Licence Number 2154

Name of Driller or Borer L. BURROWS

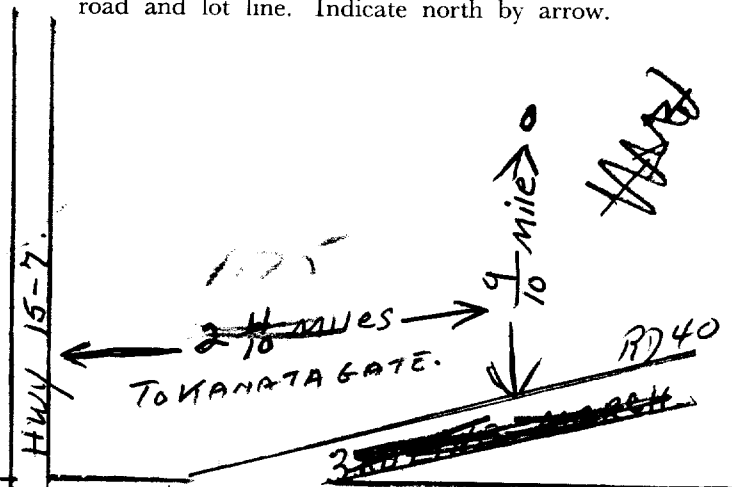
Address

Date AUG. 19, 1966

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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



1. PRINT ONLY IN SPACES PROVIDED
 2. CHECK CORRECT BOX WHERE APPLICABLE

11

1519238

MUNICIPALITY 15006

CON. CON

03

COUNTY OR DISTRICT: **Ottawa-Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Kanata** CON. BLOCK, TRACT, SURVEY, ETC.: **Conc.3 III 004**

OWNER (SURNAME FIRST): **Lindia Const.** ADDRESS: **R. R. # 3; Carp, Ontario. KOA 1L0** DATE COMPLETED: **DAY 22 MO 08 YR 84**

U.T.M. ZONE: **18** EASTING: **428799** NORTHING: **5019099** ELEVATION: **0310** BASIN CODE: **26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Sand	Clay	Packed	0	5
Gray	Limestone		Medium	5	35

MOE VF-18

31 **00096280579 003521578**

WATER RECORD		CASING & OPEN HOLE RECORD		SCREEN	
WATER FOUND AT FEET: 0030'	KIND OF WATER: <input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	INSIDE DIAM. INCHES: 06 5/8	MATERIAL: <input checked="" type="checkbox"/> STEEL	WALL THICKNESS INCHES: .188	DEPTH - FEET: FROM 0 TO 0022
15-18	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	17-18	<input type="checkbox"/> STEEL		20-23
20-23	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	24-25	<input type="checkbox"/> GALVANIZED		27-30
25-28	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	29-30	<input type="checkbox"/> CONCRETE		
30-33	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	31-32	<input type="checkbox"/> OPEN HOLE		

61 PLUGGING & SEALING RECORD

DEPTH SET AT FEET	MATERIAL AND TYPE
10-13	
18-21	
26-29	

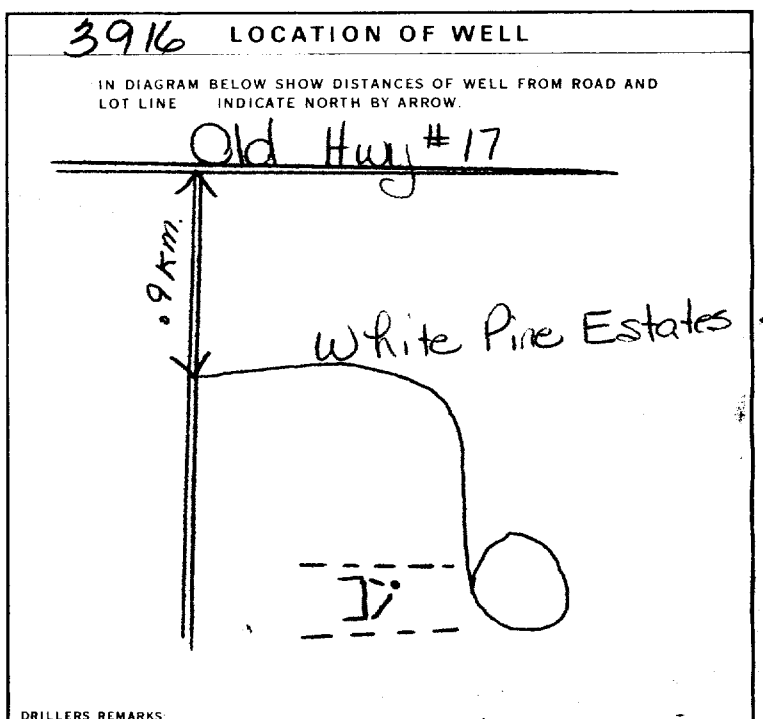
71 PUMPING TEST METHOD: PUMP

PUMPING RATE: **0010** GPM DURATION OF PUMPING: **01** HOURS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
002 FEET	020 FEET	020 FEET	020 FEET	020 FEET	020 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: **025** FEET RECOMMENDED PUMPING RATE: **0005** GPM



54 FINAL STATUS OF WELL: WATER SUPPLY

55-56 WATER USE: **01** DOMESTIC

57 METHOD OF DRILLING: **5** AIR PERCUSSION

CONTRACTOR: **Capital Water Supply Ltd.** LICENCE NUMBER: **1558**

ADDRESS: **Box 490; Stittsville, Ontario. KOA 3G0**

NAME OF DRILLER OR BORER: **W. Kavanagh** LICENCE NUMBER: _____

SIGNATURE OF CONTRACTOR: *W. Kavanagh* SUBMISSION DATE: **DAY 22 MO 08 YR 84**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **1558** DATE RECEIVED: **05 09 84**

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: _____

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1519885 150061 (CoN) 103

COUNTY OR DISTRICT: OTTAWA CORLETON
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Kanata
CON. BLOCK, TRACT, SURVEY, ETC.: 3
LOT: 3
DATE COMPLETED: DAY 19 MO 05 YR 85
ADDRESS: 150061 ICK'S LANE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)					
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
BROWN	SOIL	BROKEN ROCK		0	3'
GREY	LIMESTONE		MED. HARD	3'	28'
BROWN	SANDSTONE		Very Abbruse, HARD	28	38'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
28	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 14 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
35	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 14 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	1 <input checked="" type="checkbox"/> STEEL 12 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	.188	0	22'
6"	1 <input checked="" type="checkbox"/> STEEL 19 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE		22'	38'

SCREEN

SIZE (SI) OF OPENING (SLOT NO.)	DIAMETER	LENGTH

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	22' CEMENT GROUT (TYPE 10)

71 PUMPING TEST

PUMPING TEST METHOD: PUMP 2 BAILEY

PUMPING RATE: 20 GPM

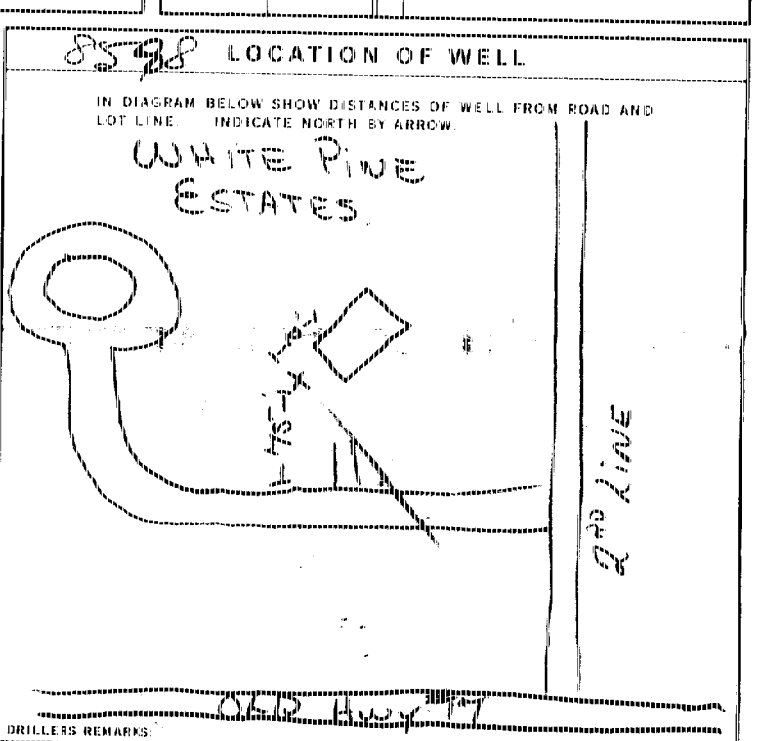
DURATION OF PUMPING: 1 HOURS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING			
8	15	15	15	15	15

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 15 FEET

RECOMMENDED PUMPING RATE: 10 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY
2 OBSERVATION WELL
3 TEST HOLE
4 RECHARGE WELL

WATER USE

1 DOMESTIC
2 STOCK
3 IRRIGATION
4 INDUSTRIAL
5 COMMERCIAL
6 MUNICIPAL
7 PUBLIC SUPPLY
8 COOLING OR AIR CONDITIONING
9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL
2 ROTARY (CONVENTIONAL)
3 ROTARY (REVERSIBLE)
4 ROTARY (AIR)
5 AIR PERCUSSION
6 BORING
7 DIAMOND
8 JETTING
9 DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: VALLEY DRILLING LTD
ADDRESS: RR#1 CARD ONT
NAME OF DRILLER OR BORER: S. D. (5222) Bill Bisson
SIGNATURE OF CONTRACTOR: [Signature]
LICENCE NUMBER: 5222
LICENCE NUMBER: 1373
SUBMISSION DATE: DAY NO. YR.

OFFICE USE ONLY

DATE OF INSPECTION: 15 09 85
INSPECTOR: [Signature]
REMARKS: [Signature]
WDE
OSS.SS

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1520325

MUNICIPALITY: _____ COUNTY: _____

COUNTY OR DISTRICT: Ottawa-Carleton
 TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Kanata March Twp.
 CON. BLOCK, TRACT, SURVEY, ETC: Conc. 3
 LOT: 4
 DATE COMPLETED: DAY 29 MO 08 YR 85
 ADDRESS: Witt Way; Kanata, Ont. K2L 3B0

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)					
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Sand	Gravel	Packed	0	3
Gray	Sandstone		Hard	3	50

31 _____ 32 _____

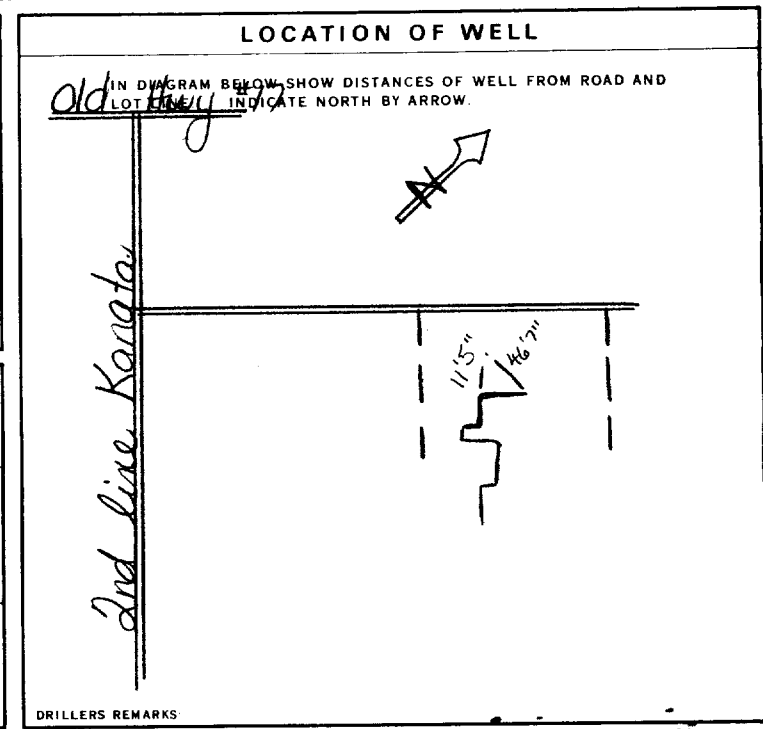
41 WATER RECORD			
WATER FOUND AT - FEET	KIND OF WATER		
26	<input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	14
47	<input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	19
	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	24
	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	29
	<input type="checkbox"/> FRESH <input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	34

51 CASING & OPEN HOLE RECORD				
INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6%	<input checked="" type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE	.188	0	22
6	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input checked="" type="checkbox"/> OPEN HOLE		22	50
	<input type="checkbox"/> STEEL <input type="checkbox"/> GALVANIZED <input type="checkbox"/> CONCRETE <input type="checkbox"/> OPEN HOLE			

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
	MATERIAL AND TYPE		

61 PLUGGING & SEALING RECORD			
DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)		DEPTH TO TOP OF SCREEN
	FROM	TO	
10-13		14-17	
18-21		22-25	
26-29		30-33	80

71 PUMPING TEST	
PUMPING TEST METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER	PUMPING RATE: 10 GPM
STATIC LEVEL: 10 FEET	DURATION OF PUMPING: 1 HOURS
WATER LEVEL END OF PUMPING: 25 FEET	WATER LEVELS DURING:
	15 MINUTES: 25 FEET
	30 MINUTES: 25 FEET
	45 MINUTES: 25 FEET
	60 MINUTES: 25 FEET
IF FLOWING, GIVE RATE: _____ GPM	RECOMMENDED PUMP TYPE: <input checked="" type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP
PUMP INTAKE SET AT: _____ FEET	RECOMMENDED PUMP SETTING: 40 FEET
WATER AT END OF TEST: _____ FEET	RECOMMENDED PUMPING RATE: 5 GPM



FINAL STATUS OF WELL	
<input checked="" type="checkbox"/> WATER SUPPLY	<input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
<input type="checkbox"/> OBSERVATION WELL	<input type="checkbox"/> ABANDONED POOR QUALITY
<input type="checkbox"/> TEST HOLE	<input type="checkbox"/> UNFINISHED
<input type="checkbox"/> RECHARGE WELL	
WATER USE	
<input checked="" type="checkbox"/> DOMESTIC	<input type="checkbox"/> COMMERCIAL
<input type="checkbox"/> STOCK	<input type="checkbox"/> MUNICIPAL
<input type="checkbox"/> IRRIGATION	<input type="checkbox"/> PUBLIC SUPPLY
<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> COOLING OR AIR CONDITIONING
<input type="checkbox"/> OTHER	<input type="checkbox"/> NOT USED
METHOD OF DRILLING	
<input type="checkbox"/> CABLE TOOL	<input type="checkbox"/> BORING
<input type="checkbox"/> ROTARY (CONVENTIONAL)	<input type="checkbox"/> DIAMOND
<input type="checkbox"/> ROTARY (REVERSE)	<input type="checkbox"/> JETTING
<input type="checkbox"/> ROTARY (AIR)	<input type="checkbox"/> DRIVING
<input checked="" type="checkbox"/> AIR PERCUSSION	

CONTRACTOR: Capital Water Supply Ltd. LICENCE NUMBER: 1558

ADDRESS: Box 490; Stittsville, Ontl KOA 3G0

NAME OF DRILLER OR BORER: W. Kavanagh LICENCE NUMBER: _____

SIGNATURE OF CONTRACTOR: *W. Kavanagh* SUBMISSION DATE: DAY 30 MO 08 YR 85

OFFICE USE ONLY

DATA SOURCE: _____ CONTRACTOR: _____ INSPECTOR: _____

DATE OF INSPECTION: _____

REMARKS: _____

230186

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1521774

MUNICIPALITY: 10 14 15 22 23 24
CON: 15 22 23 24

COUNTY OR DISTRICT: **OTTAWA CARLETON** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **KANATA** BLOCK, TRACT, SURVEY ETC: **3** LOT: **5**

DATE COMPLETED: DAY **06** MONTH **06** YEAR **87**

ELEVATION: 24 25 26 30 31 BASIN CODE: I, II, III, IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
BROWN	SAND		ALL	0	3
GREY	LIMESTONE		V. HARD	3	26
WHITE	QUARTZITE		MED. HARD	26	45

31 32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER		
31	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERALS
42	<input type="checkbox"/> SALTY	<input type="checkbox"/> MINERALS	<input type="checkbox"/> GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	STEEL	.188	0	22
6	STEEL		22	45

SCREEN

SIZE (S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)
0	CEMENT GROUT

71 PUMPING TEST

PUMPING TEST METHOD: PUMP BAILER

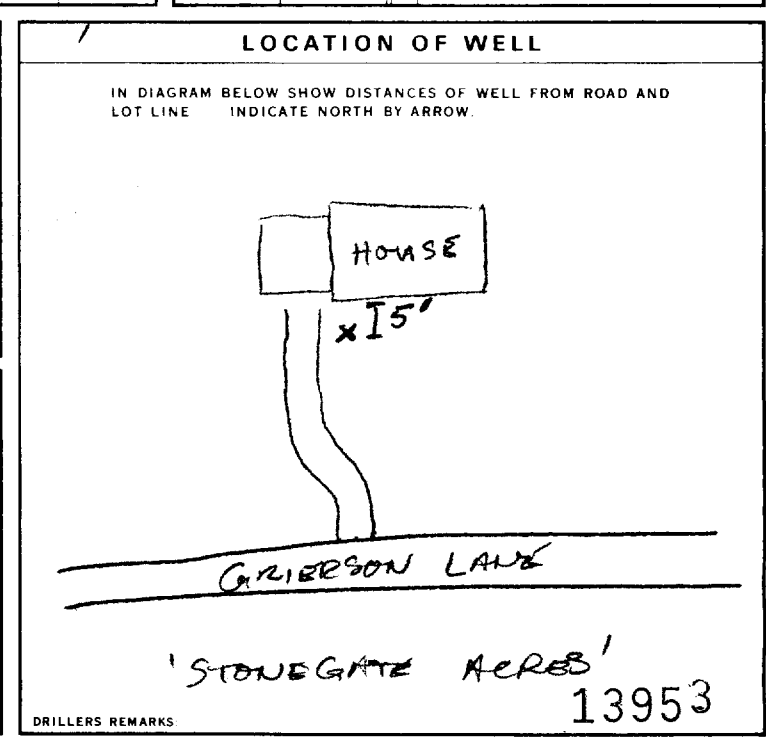
PUMPING RATE: **40** GPM

DURATION OF PUMPING: **2** HOURS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING			
15	35	15 MINUTES: 11	30 MINUTES: 11	45 MINUTES: 11	60 MINUTES: 11

RECOMMENDED PUMP SETTING: **35** FEET

RECOMMENDED PUMPING RATE: **20** GPM



FINAL STATUS OF WELL

WATER SUPPLY

WATER USE

DOMESTIC

METHOD OF CONSTRUCTION

AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: **VALLEY DRILLING LTD**

WELL CONTRACTOR'S LICENCE NUMBER: **5222**

ADDRESS: **Box 437, CARP, ONT.**

NAME OF WELL TECHNICIAN: **S. SKUSE, BILL BISSON**

WELL TECHNICIAN'S LICENCE NUMBER: _____

SUBMISSION DATE: _____

OFFICE USE ONLY

DATA SOURCE: _____

CONTRACTOR: _____

DATE RECEIVED: **SEP 14 1987**

DATE OF INSPECTION: _____

INSPECTOR: _____

REMARKS: _____

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1532119

Municipality 15006 Con. CON 02

County or District OTTAWA CARLETON	Township/Borough/City/Town/Village KANATA (March Twp)	Con block tract survey, etc. CONCESSION 2	Lot A
Owner's surname CITY OF OTTAWA	First Name	Address 110 Laurier Ave W Ottawa Ont.	Date completed 18 07 01 day month year

21

Zone Easting Northing HC Elevation HC Basin Code

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
<i>Well record issued to certify abandonment of existing drilled well # NICE Well No. 015-19553 constructed April 1905</i>				0 100'	

31

32

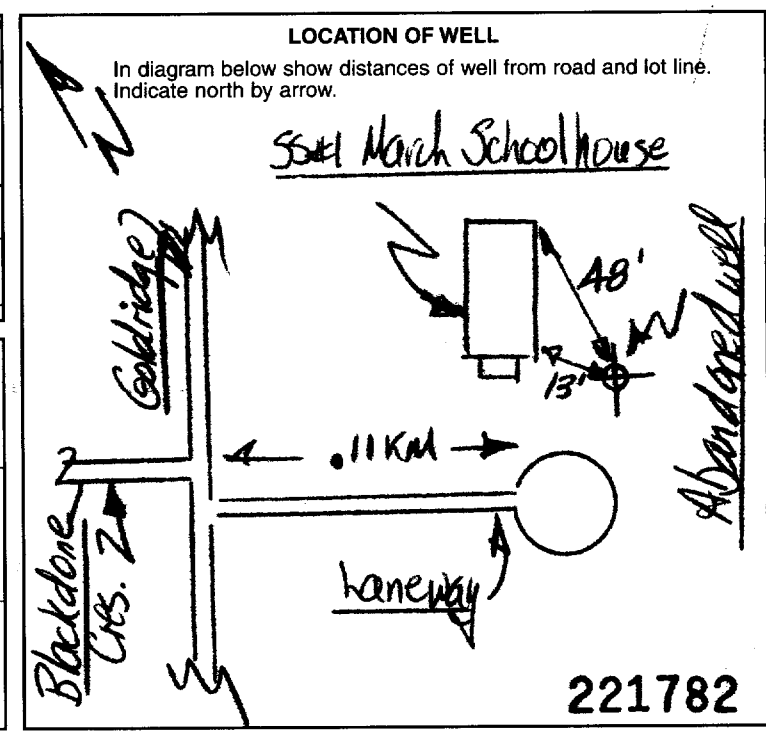
41 WATER RECORD			
Water found at - feet	Kind of water		
10-13	<input type="checkbox"/> Fresh <input type="checkbox"/> Salty	<input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas	
15-18	<input type="checkbox"/> Fresh <input type="checkbox"/> Salty	<input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas	
20-23	<input type="checkbox"/> Fresh <input type="checkbox"/> Salty	<input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas	
25-28	<input type="checkbox"/> Fresh <input type="checkbox"/> Salty	<input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas	
30-33	<input type="checkbox"/> Fresh <input type="checkbox"/> Salty	<input type="checkbox"/> Sulphur <input type="checkbox"/> Minerals <input type="checkbox"/> Gas	

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6.5"	Steel	.188	1	20
6"	Steel		20	96

SCREEN	Sizes of opening (Slot No.)	Diameter	Length
	Material and type	inches	feet
<i>(Crossed out)</i>			

61 PLUGGING & SEALING RECORD		
<input type="checkbox"/> Annular space <input checked="" type="checkbox"/> Abandonment		
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)
From	To	
0	96	Hole plug grout
18-21	22-25	(1/4" / 3/8")

71 PUMPING TEST	
Pumping test method <input type="checkbox"/> Pump <input type="checkbox"/> Bailor	Pumping rate GPM
Static level 21 feet	Water level during 15 minutes: 22.25 feet 30 minutes: 29.51 feet 45 minutes: 32.34 feet 60 minutes: 35.37 feet



54 FINAL STATUS OF WELL		
<input type="checkbox"/> Water supply	<input type="checkbox"/> Abandoned, insufficient supply	<input type="checkbox"/> Unfinished
<input type="checkbox"/> Observation well	<input type="checkbox"/> Abandoned, poor quality	<input type="checkbox"/> Replacement well
<input type="checkbox"/> Test hole	<input checked="" type="checkbox"/> Abandoned (Other)	
<input type="checkbox"/> Recharge well	<input type="checkbox"/> Dewatering	

55-56 WATER USE		
<input type="checkbox"/> Domestic	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Not use
<input type="checkbox"/> Stock	<input type="checkbox"/> Municipal	<input type="checkbox"/> Other
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Public supply	
<input type="checkbox"/> Industrial	<input type="checkbox"/> Cooling & air conditioning	

57 METHOD OF CONSTRUCTION		
<input type="checkbox"/> Cable tool	<input type="checkbox"/> Air percussion	<input type="checkbox"/> Driving
<input type="checkbox"/> Rotary (conventional)	<input type="checkbox"/> Boring	<input type="checkbox"/> Digging
<input type="checkbox"/> Rotary (reverse)	<input type="checkbox"/> Diamond	<input type="checkbox"/> Other
<input type="checkbox"/> Rotary (air)	<input type="checkbox"/> Jetting	

Name of Well Contractor STANTON DRILLING INC	Well Contractor's Licence No. 4875
Address Box 219, Pakenham, Ontario	
Name of Well Technician Peter Stanton	Well Technician's Licence No. 70086
Signature of Technician/Contractor	Submission date 18 07 01

MINISTRY USE ONLY	Data source 4875	Contractor 4875	Date received JUL 23 2001
	Date of inspection	Inspector	
	Remarks CSS.ES1		

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Help Desk (Toll Free) at 1-888-396-9355.
- **All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Ministry Use Only	
MUN	CON
LOT	

First Name Amstead	Last Name	Mailing Address (Street Number/Name, RR, Lot, Concession)		
County/District/Municipality Ottawa Carleton	Township/City/Town/Village	Province Ontario	Postal Code	Telephone Number (include area code)
Address of Well Location (County/District/Municipality) Ottawa Carleton		Township Kanata	Lot 3	Concession 3
RR#/Street Number/Name 19 Borduas		City/Town/Village Kanata	Site/Compartment/Block/Tract etc.	
GPS Reading	NAD 83	Zone 18	Easting 428586	Northing 5019781
Unit Make/Model Garmin		Mode of Operation: <input type="checkbox"/> Undifferentiated <input checked="" type="checkbox"/> Averaged <input type="checkbox"/> Differentiated, specify _____		

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth	
				From	Metres To
brown	soil	broken rock	fill	0	1.21
grey	granite	coloured layers	very hard	1.21	60.95

Hole Diameter		
Depth	Metres	Diameter
From	To	Centimetres
0	6.40	22.75
6.40	60.95	15.39
Water Record		
Water found at _____ Metres	Kind of Water	
59.78	<input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur	
<input type="checkbox"/> Gas	<input type="checkbox"/> Salty <input type="checkbox"/> Minerals	
<input type="checkbox"/> Other:	NOT TESTED	
_____ m	<input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur	
<input type="checkbox"/> Gas	<input type="checkbox"/> Salty <input type="checkbox"/> Minerals	
<input type="checkbox"/> Other:		
After test of well yield, water was		
<input checked="" type="checkbox"/> Clear and sediment free		
<input type="checkbox"/> Other, specify _____		
Chlorinated	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Construction Record				
Inside diam centimetres	Material	Wall thickness centimetres	Depth	
			From	To
Casing				
15.86	<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	.48	+ .45	6.40
Screen				
Outside diam	<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass <input type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/> Galvanized	Slot No.		
No Casing or Screen				
15.39	<input checked="" type="checkbox"/> Open hole		6.40	60.95

Test of Well Yield				
Pumping test method Submersible	Draw Down		Recovery	
	Time min	Water Level Metres	Time min	Water Level Metres
Pump intake set at - (metres) 45.71	Static Level	5.35		
Pumping rate - (litres/min) 54.6	1	5.92	1	5.69
Duration of pumping 1 hrs + _____ min	2	6.01	2	5.63
Final water level end of pumping 6.35 metres	3	6.04	3	5.64
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	4	6.08	4	5.62
Recommended pump depth 30.47 metres	5	6.11	5	5.62
Recommended pump rate 45.5 (litres/min)	10	6.18	10	5.58
If flowing give rate - (litres/min)	15	6.21	15	5.58
	20	6.24	20	5.58
	25	6.26	25	5.58
	30	6.27	30	5.58
If pumping discontinued, give reason.	40	6.31	40	5.58
	50	6.33	50	5.58
	60	6.35	60	5.58

Plugging and Sealing Record		
Depth set at - Metres	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
From To		
6.40 0	Grouted Cement Slurry	.21m³
<input checked="" type="checkbox"/> Annular space <input type="checkbox"/> Abandonment		
Method of Construction		
<input type="checkbox"/> Cable Tool	<input checked="" type="checkbox"/> Rotary (air)	<input type="checkbox"/> Diamond
<input type="checkbox"/> Rotary (conventional)	<input checked="" type="checkbox"/> Air percussion	<input type="checkbox"/> Jetting
<input type="checkbox"/> Rotary (reverse)	<input type="checkbox"/> Boring	<input type="checkbox"/> Driving
<input type="checkbox"/> Digging	<input type="checkbox"/> Other	
Water Use		
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Public Supply
<input type="checkbox"/> Stock	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Municipal	<input type="checkbox"/> Cooling & air conditioning
Final Status of Well		
<input checked="" type="checkbox"/> Water Supply	<input type="checkbox"/> Recharge well	<input type="checkbox"/> Unfinished
<input type="checkbox"/> Observation well	<input type="checkbox"/> Abandoned, insufficient supply	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Test Hole	<input type="checkbox"/> Abandoned, poor quality	<input type="checkbox"/> Replacement well

Location of Well	
In diagram below show distances of well from road, lot line, and building. Indicate north by arrow.	
Audit No. Z 58641	Date Well Completed 2007 15 3
Was the well owner's information package delivered? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Delivered 2007 5 14

Well Contractor/Technician Information	
Name of Well Contractor Capital Water Supply Ltd.	Well Contractor's Licence No. 1558
Business Address (street name, number, city etc.) Box 490 Stittsville Ontario K2S 1A6	
Name of Well Technician (last name, first name) Miller Stephen	Well Technician's Licence No. T0097
Signature of Technician/Contractor 	Date Submitted 2007 5 15

Ministry Use Only	
Date Source	Contractor 1558
Date Received JUL 23 2007	Date of Inspection
Remarks	Well Record Number

3165d

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1519553

MUNICIPALITY 15006

CON. CON

02

COUNTY OR DISTRICT: Ottawa-Carleton TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: Kanata CON. BLOCK, TRACT, SURVEY, ETC.: Conc. 2 II LOG NO.: 009

OWNER (SURNAME FIRST): City of Kanata ADDRESS: c/o Dolan Const., R.R. # 1; Woodlawn, Ontario DATE COMPLETED: DAY 10 MO 04 YR 85

ZONE: 18 EASTING: 427799 NORTHING: 5018199 RC: 4 ELEVATION: 0360 RC: 4 BASIN CODE: 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Soil			0	1
Gray	Granite		Very Hard	1	75
Red	Granite		Medium	75	100

MOE VF-18

31 0001602 00751217390 010072178

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	.188	0	0022
06	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		22	0100
	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

SIZE (S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
	31-33	34-38

MATERIAL AND TYPE: DEPTH TO TOP OF SCREEN: 41-44 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST METHOD

1 PUMP 2 BAILER

PUMPING RATE: 0030 GPM DURATION OF PUMPING: 01 15-16 HOURS 00 17-18 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING					
020 FEET	040 FEET	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
		040 FEET	040 FEET	040 FEET	040 FEET		

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 060 FEET RECOMMENDED PUMPING RATE: 0005 GPM

6567 LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.

DRILLERS REMARKS:

54 FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 6 ABANDONED POOR QUALITY
3 TEST HOLE 7 UNFINISHED
4 RECHARGE WELL

55-56 WATER USE

1 DOMESTIC 5 COMMERCIAL
2 STOCK 6 MUNICIPAL
3 IRRIGATION 7 PUBLIC SUPPLY
4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
9 OTHER Small Recreation Centre

57 METHOD OF DRILLING

1 CABLE TOOL 6 BORING
2 ROTARY (CONVENTIONAL) 7 DIAMOND
3 ROTARY (REVERSE) 8 JETTING
4 ROTARY (AIR) 9 DRIVING
5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd. LICENCE NUMBER: 1558

ADDRESS: Box 490; Stittsville, Ontario, K0A 3G0

NAME OF DRILLER OR BORER: S. Miller LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: [Signature] SUBMISSION DATE: DAY 10 MO 04 YR 85

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 1558 DATE RECEIVED: 10 04 85

DATE OF INSPECTION: INSPECTOR:

REMARKS:



File Number: D06-03-18-0023

July 24, 2018

Karyn Munch
Paterson Group Inc.
154 Colonnade Road S.
Ottawa, ON
K2E 7J5

Sent via email [kmunch@patersongroup.ca]

Dear Karyn Munch,

**Re: Information Request
7000 Campeau Drive, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation

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

- No information was returned on the Subject Property from Departmental circulation.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are twenty-four (24) activities associated with properties located within 50m of the Subject Property: Activity Numbers 1996, 10271, 13806, 5850, 5755,

*Shaping our future together
Ensemble, formons notre avenir*

City of Ottawa
Planning, Infrastructure and Economic
Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 14743
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et
du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 14743
Télééc: (613) 560-6006
www.ottawa.ca

5879, 5952, 6025, 6337, 6353, 6388, 14502, 7090, 6031, 6028, 6066, 7092, 7093, 7094, 7096, 7097, 14252, 8151 and 9286.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above.

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any

person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

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

If you have any further questions or comments, please contact Melanie Vivian at 613-580-2424 ext. 14743 or HLUI@ottawa.ca

Sincerely,

A handwritten signature in black ink, appearing to read 'Melanie Vivian', is positioned above the printed name.

Melanie Vivian

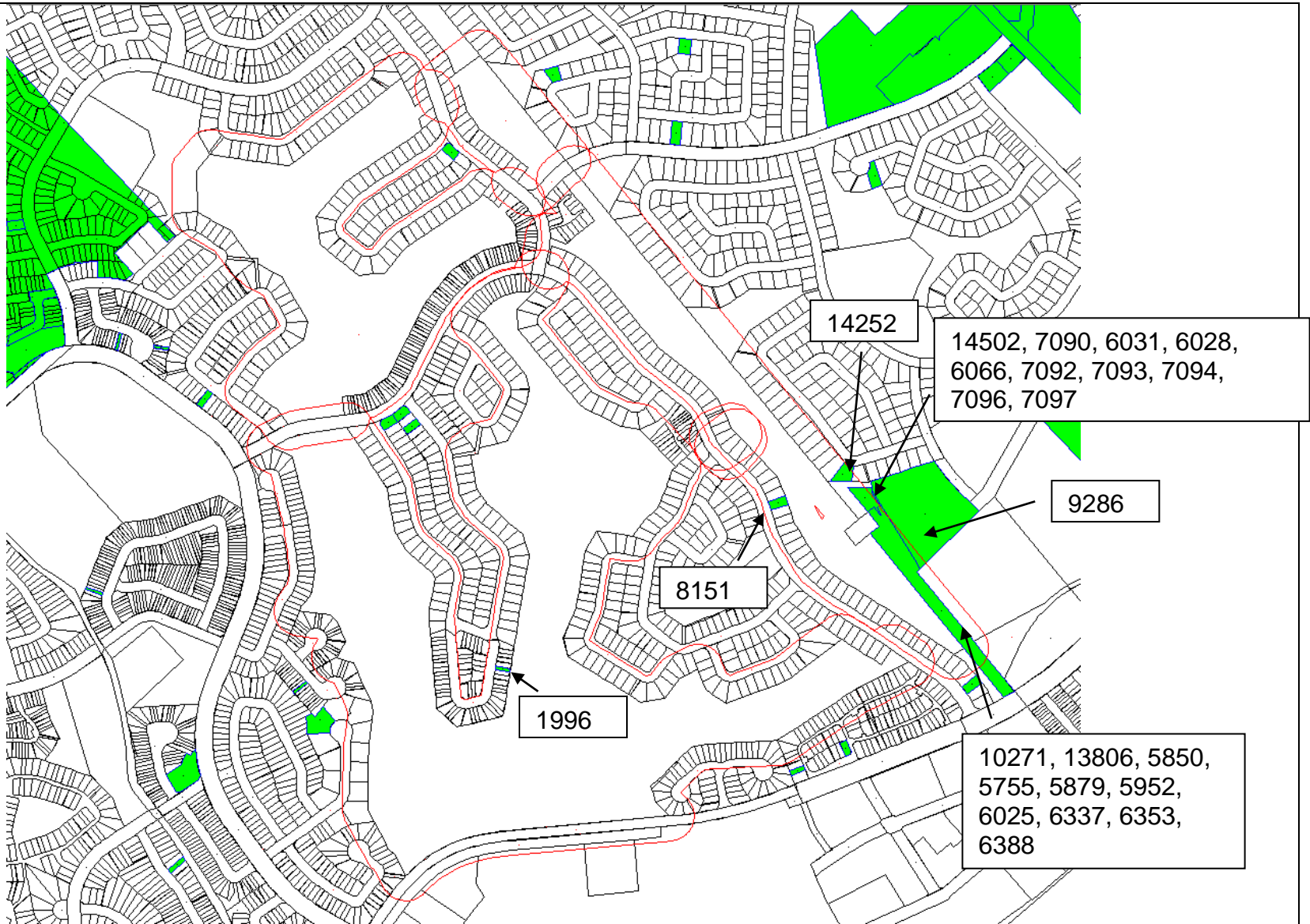
Per:

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

MB/ MV

Attach: 7

cc: File no. D06-03-18-0023




Scale 1: n/a

7000 Campeau Drive
 Ottawa, ON
 File # D06-03-18-0023
 Melanie Vivian



Overview

ID# = Activity Identification Number

 = Subject Site



CITY OF OTTAWA
HLUI ID: __679ASG
AREA (Square Metres): 224.081

Report: RPTC_OT_DEV0122
 Run On: 24 Jul 2018 at: 08:39:13

Study Year
2005

PIN
045120190

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 1996 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 045120190

Name: CAN STEEL STRUCTURAL DETAILING

Address: 11 WINDEYER CRESCENT,

Facility Type: Structural and Related Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
238190	0
238120	0

Company Name

CAN STEEL STRUCTURAL DETAILING

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __670ILA
AREA (Square Metres): 13146.122

Report: RPTC_OT_DEV0122
 Run On: 24 Jul 2018 at: 08:43:18

Study Year
1998

PIN
045130092

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 10271 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 045130092

Name: OTTAWA CITY
Address: 5590 CAMPEAU DRIVE, KANATA
Facility Type: Other Utility Industries n.e.c.

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Property Assessment

NAICS	SIC
221310	0
562210	0
221320	0
562990	0

Company Name

OTTAWA CITY

Year of Operation

c. 2005



CITY OF OTTAWA
HLUI ID: __670ILA
AREA (Square Metres): 13146.122

Report: RPTC_OT_DEV0122

Run On: 24 Jul 2018 at: 08:43:18

Study Year
1998

PIN
045130092

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 13806 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 5850, 5755, 5879, 5952, 6025, 6337, 6353, 6388

Related PINS: 046330406

Name: UNNAMED ELECTRIC FACILITY

Address: , NEPEAN

Facility Type: Electric Power Systems Industry

Comments 1: UTM = 436575E, 5018750B (1985) Area is 150m x 100m

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa, Sheet #14, 1948-DND-ASE-NTS-31G/5, 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1967-EMR-SMB-NTS-31G/5-7th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 2:

HL References 3:

NAICS	SIC
221112	491
221119	491
221111	491
221122	491
221113	491
221121	491

Company Name	Year of Operation
Unnamed Transformer Facility	c. 1976
Unnamed Electric Facility	c. 1985
Unnamed Electric Facility	c. 1989



CITY OF OTTAWA

HLUI ID: __6790ZX

AREA (Square Metres): 1064.000

Report: RPTC_OT_DEV0122

Run On: 24 Jul 2018 at: 08:46:14

Study Year
2005

PIN
045130298

Multi-NAIC
N

Multiple Activities
N

Activity ID: 14252 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 045130298

Name: UNIQUE PORTRAITS BY ELIZABETH

Address: 42 TIFFANY CRESCENT,

Facility Type: Photographers

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
541920	0

Company Name

UNIQUE PORTRAITS BY ELIZABETH

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: __6799X8

AREA (Square Metres): 673.663

Report: RPTC_OT_DEV0122

Run On: 24 Jul 2018 at: 08:51:34

Study Year
2005

PIN
045130057

Multi-NAIC
N

Multiple Activities
N

Activity ID: 8151 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 045130057

Name: K-DECK

Address: 109 KNUDSON DRIVE,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name

Year of Operation

K-DECK

c. 2001

K-DECK

c. 2005



CITY OF OTTAWA

HLUI ID: __679B6B

AREA (Square Metres): 24436.862

Report: RPTC_OT_DEV0122

Run On: 24 Jul 2018 at: 10:43:48

Study Year
2005

PIN
150690000

Multi-NAIC
N

Multiple Activities
N

Activity ID: 9286 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 150690000

Name: METICULOUS RENOVATIONS

Address: 39 REANEY COURT,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name

METICULOUS RENOVATIONS

Year of Operation

c. 2005

Karyn Munch

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: May-22-18 3:35 PM
To: Karyn Munch
Subject: NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

Hello Karyn. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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,

Gaya

From: Karyn Munch <KMunch@Patersongroup.ca>
Sent: May 22, 2018 2:01 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: PE4321 - Records Search Request

Good afternoon,

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills or other incidents/infractions** for the following addresses in the City of Ottawa (Kanata):

6501, 7000, 7303, 7305, 7307 Campeau Drive
100, 250 Walden Drive
73 Weslock Way

Thank-you very much!
Best Regards,

Karyn Munch, P.Eng.

patersongroup
solution oriented engineering

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 217
Fax: (613) 226-6344
Email: kmunch@patersongroup.ca

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Karyn Munch

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: January 19, 2021 11:05 AM
To: Karyn Munch
Subject: RE: PE4321 - 1 Search Records Request

Hello,

Thank you for your request for confirmation of public information.

I have searched the below noted addresses and I have located the following record:

Inst Numb	Context	Address	City	Provinc	Postal Cod	Inststatu
64659814	FS Non Licensed Facility	3501 CAMPEAU DRIVE	KANATA	ON	K2K 0C1	Active

For a further search in our archives, or for copies of documents, please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.

Thanks,



Sherees Thompson | Public Information Agent

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org

www.tssa.org



From: Karyn Munch <KMunch@Patersongroup.ca>
Sent: January 18, 2021 5:17 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: PE4321 - 1 Search Records Request

[CAUTION]: This email originated outside the organisation.

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

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses in the City of Ottawa (Kanata):

4, 7 Carmichael Crt

3501, 6301, 6475, 6905, 7307 Campeau Drive
1050, 1100 Canadian Shield Avenue
1088 Maritime Way

Best Regards,

Karyn Munch, P.Eng., QPESA

paterongroup

**solution oriented engineering
over 60 years serving our clients**

New regulations for excess soil are in effect January 1, 2021; ask us how we can help

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext.217

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Karyn Munch

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: January 19, 2021 10:53 AM
To: Karyn Munch
Subject: RE: PE4321-2

Hello,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.

Thanks,



Sherees Thompson | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org



From: Karyn Munch <KMunch@Patersongroup.ca>
Sent: January 18, 2021 5:21 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: PE4321-2

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Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses in the City of Ottawa (Kanata):

77 Varley Drive
1, 53 Reaney Crt
75 Tiffany Place
23 Tiffany Crescent
16, 25, 35 Leacock Drive

4111 Kanata Avenue
130 Walden Drive

Best Regards,

Karyn Munch, P.Eng., QPESA

paterongroup
solution oriented engineering
over 60 years serving our clients

New regulations for excess soil are in effect January 1, 2021; ask us how we can help

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext.217

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DATABASE REPORT

Project Property: *7000 Campeau Drive
7000 Campeau Drive
Kanata ON K2T 0A3*

Project No: *PE4321/PO#28335*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *20200207119*

Requested by: *Paterson Group Inc.*

Date Completed: *February 12, 2020*

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Executive Summary

Property Information:

Project Property: 7000 Campeau Drive
7000 Campeau Drive Kanata ON K2T 0A3

Project No: PE4321/PO#28335

Order Information:

Order No: 20200207119
Date Requested: February 7, 2020
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	2	2
CA	<i>Certificates of Approval</i>	Y	0	9	9
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	9	9
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	10	10
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	14	36	50
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	7	7
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	1	0	1
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	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	2	0	2
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	5	5
SPL	Ontario Spills	Y	0	12	12
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	1	15	16
Total:			18	108	126

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
3	PTTW	ClubLink Corporation	7000 Campeau Dr Lot: 4, Concession: III Ottawa ON	SE/0.0	0.00	35
3	PTTW	ClubLink Corporation	7000 Campeau Drive Address: Lot: 4, Concession: III, Kanata, Geographic Township of King, Ottawa District Office: Ottawa Kanata ON	SE/0.0	0.00	35
6	GEN	GENSTAR DEVELOPMENT COMPANY	6200 CAMPEAU DRIVE LOT 3, CONC. 2 KANATA ON	S/0.0	-0.12	36
6	GEN	KANATA LAKES GOLF & COUNTRY CLUB 17-293	6200 CAMPEAU DR. PO BOX 13340 KANATA ON K2H 9N6	S/0.0	-0.12	36
6	GEN	GENSTAR DEVELOPMENT COMPANY	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	S/0.0	-0.12	36
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	S/0.0	-0.12	37
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	S/0.0	-0.12	37
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	S/0.0	-0.12	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	S/0.0	-0.12	38
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	S/0.0	-0.12	38
6	GEN	Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	S/0.0	-0.12	38
8	WWIS		lot 4 con 3 ON <i>Well ID:</i> 1519238	NE/0.0	-2.23	39
9	MNR	OBRIEN-FOWLER	ON	WNW/0.2	7.80	41
17	GEN	Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	SSW/0.0	3.00	42
17	GEN	Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	SSW/0.0	3.00	43
17	GEN	Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	SSW/0.0	3.00	43
17	GEN	Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	SSW/0.0	3.00	43
17	GEN	Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	SSW/0.0	3.00	44

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	BORE		ON	NW/67.4	0.31	44
2	WWIS		lot 4 con 3 ON Well ID: 1503336	WNW/80.1	1.00	45
4	HINC		45 GOULDING CRESCENT KANATA ON K2K 2N9	NW/122.2	2.08	47
5	CA	GENSTAR DEVELOPMENT COMPANY -J. STIRLING	KNUDSON DR/SHAUGHNESSY CRES. KANATA CITY ON	NW/63.3	2.04	48
7	INC		271 KNUDSON DR, KANATA ON	NNW/28.5	1.91	48
10	PINC		113 KNUDSON DR, OTTAWA ON	E/12.4	1.00	49
10	SPL	Enbridge Gas Distribution Inc.	113 Knudson Dr. Ottawa ON	E/12.4	1.00	50
11	SPL		105 Knudson Drive Ottawa ON	E/16.0	1.31	50
12	SPL	SHELL CANADA PRODUCTS LTD.	52 PENTLAND ROAD TANK TRUCK (CARGO) KANATA CITY ON K2K 1V5	NE/53.9	-0.97	51
13	SPL	City of Ottawa	Opposite 2 Sherring Ottawa ON	WSW/191.8	9.97	51
14	SPL	UNKNOWN	CATCHBASIN IN FRONT OF 13 TIFANY CRESCENT. KANATA CITY ON	ENE/82.5	1.08	52
15	ECA	City of Ottawa	Varley Dr Ottawa ON K1P 1J1	ENE/111.0	0.00	52

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	WWIS		lot 4 con 3 ON Well ID: 1520325	ENE/120.0	0.00	52
16	WWIS		lot 4 con 3 ON Well ID: 1523783	ENE/120.0	0.00	55
16	WWIS		lot 4 con 3 ON Well ID: 1528056	ENE/120.0	0.00	59
16	WWIS		lot 4 con 3 ON Well ID: 1528057	ENE/120.0	0.00	62
16	WWIS		lot 4 con 3 ON Well ID: 1528058	ENE/120.0	0.00	65
16	WWIS		lot 4 con 3 ON Well ID: 1528059	ENE/120.0	0.00	68
18	HINC		23 TIFFANY CRESCENT KANATA ON K2K 1W3	E/107.1	1.97	71
19	EHS		6501 Campeau Kanata ON K2K 3E9	SSE/29.8	2.47	71
20	CA	GENSTAR DEV. CO. EASTERN LTD.	STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	SE/129.5	11.28	71
20	CA	GENSTAR DEV. CO. EASTERN LTD.	STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	SE/129.5	11.28	72
21	CA	Kanata Town Centre	Campeau Drive & Stonecroft Terrace Kanata ON	SE/129.4	11.28	72
22	GEN	Omni Health Care Limited	6501 Campeau Drive Ottawa ON K2K 3E9	SSE/94.3	2.00	72
22	GEN	Forest Hill	6501 Campeau Drive Kanata ON K2K 3E9	SSE/94.3	2.00	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	SPL		6501 Campeau Drive, Kanata Ottawa ON	SSE/94.3	2.00	73
23	EHS		6501 Campeau Dr Ottawa ON K2K3E9	SSE/94.3	2.00	73
24	CA	CAMPEAU CORPORATION M. D. PLEITER, DIR	ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	NNW/50.6	-3.00	74
24	CA	CAMPEAU CORPORATION M. D. PLEITER	ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	NNW/50.6	-3.00	74
25	HINC		7303 CAMPEAU DRIVE OTTAWA ON	SSW/75.1	5.44	74
26	GEN	Ottawa-Carleton District Catholic School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	75
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	75
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	76
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	76
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	77
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	78
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON	W/248.7	11.31	78
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	79
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	80
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	81
26	GEN	Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	W/248.7	11.31	82
27	SPL	TEXACO CANADA	75 TIFFANY PLACE TANK TRUCK (CARGO) KANATA CITY ON K2K 1W5	ENE/201.5	-1.33	83
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	84
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	84
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	85
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	85
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	86
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON	ENE/249.3	1.00	86
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	87
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	87

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	GEN	Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	88
28	GEN	Ottawa-Carleton District School Board Health & Safety	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	88
28	GEN	Ottawa-Carleton District School Board Health & Safety	25 Leacock Drive Kanata ON K2K 1S2	ENE/249.3	1.00	89
29	ECA	Imasco Enterprises Inc.	Kanata ON K2H 9C1	SW/229.2	12.00	89
29	ECA	Genstar Development Company Limited	Kanata ON K2H 9C1	SW/229.2	12.00	89
29	ECA	Imasco Enterprises Inc.	Kanata ON K2H 9C1	SW/229.2	12.00	90
29	ECA	Signature Ridge Development Inc.	Goldridge Drive Ottawa ON K2E 7M3	SW/229.2	12.00	90
30	WWIS		lot 3 con 3 KANATA ON Well ID: 7047008	N/24.0	2.31	90
31	SCT	Iladia Ltd.	40 Morenz Terr Kanata ON K2K 3H2	ESE/61.6	7.11	96
32	WWIS		lot 4 con 2 ON Well ID: 1532119	SW/236.2	12.00	97
33	EHS		6301 Campeau Dr Kanata (Ottawa) ON	SE/142.3	11.55	98
34	EHS		Teron Road, Beaverbrook Road, Leacock Drive and Leacock Way Ottawa ON	E/217.3	-1.00	98
35	WWIS		lot 5 con 3 ON	NNE/77.8	1.28	98

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1520038			
35	WWIS		lot 5 con 3 ON	NNE/77.8	1.28	101
			Well ID: 1521774			
36	SCT	RALO Headsets Inc.	7305 Campeau Dr Suite 505 Kanata ON K2K 3M2	SSW/106.5	6.64	105
36	HINC		7305 CAMPEAU DRIVE OTTAWA ON	SSW/106.5	6.64	105
36	GEN	Homestead Land Holdings Limited	7305 Campeau Drive Kanata ON K2K3M2	SSW/106.5	6.64	105
37	SPL	Enbridge Energy Distribution Inc.	39 Slade Cr. Ottawa ON	NW/18.2	2.86	106
37	PINC		39 SLADE CRESCENT, OTTAWA ON	NW/18.2	2.86	106
38	EHS		6301 Campeau Drive Kanata ON K2K 3E9	SSE/186.4	8.28	107
39	BORE		ON	WNW/115.7	7.69	107
40	WWIS		lot 6 con 2 ON	WNW/207.7	8.25	108
			Well ID: 1503303			
40	WWIS		lot 6 con 2 ON	WNW/207.7	8.25	110
			Well ID: 1503304			
40	WWIS		lot 6 con 2 ON	WNW/207.7	8.25	112
			Well ID: 1503305			
41	HINC		7307 CAMPEAU DRIVE OTTAWA ON	SSW/139.2	5.12	114
42	EHS		6301 Campeau Drive Kanata ON	SE/211.3	13.11	115

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
43	HINC		26 SLADE CRESCENT OTTAWA ON	NNW/72.8	0.96	115
44	HINC		26 SLADE CRESCENT KANATA ON K2K 2L1	NNW/75.2	0.92	115
45	ECA	Bayview Kanata Holdings Ltd.	1100 Canadian Shield Ave Ottawa ON M5G 1R3	ESE/205.7	5.31	116
45	ECA	Bayview Kanata Holdings Ltd., as general partner for and on behalf of Bayview	Kanata Holdings Limited Partnership, the partnership under the laws of Ontario, and includes its successors and assignees 1100 Canadian Shield Ave, Ottawa ON M5G 1R3	ESE/205.7	5.31	116
46	EHS		Parcel of Land Kanata ON	ESE/198.8	3.97	116
47	WWIS		lot 3 con 3 ON <i>Well ID:</i> 1519885	E/164.9	2.00	117
48	ECA	Urbandale Corporation	Ottawa ON K1G 2H5	E/168.7	2.00	120
49	EHS		3501 Campeau Drive Kanata ON K2K 0C1	ESE/134.1	3.00	120
50	SCT	@HOME Inc.	400 Earl Grey Dr Unit B11 Kanata ON K2T 1B9	SSW/247.8	1.25	121
50	SPL		400 Earl Grey Dr. Ottawa ON	SSW/247.8	1.25	121
51	SCT	SensorNetics Inc.	300 Earl Grey Dr Unit 11 Suite 308 Kanata ON K2T 1B8	SSW/247.4	2.09	121
51	SCT	SensorNetics Inc.	300 Earl Grey Dr Unit 11 Suite 308 Ottawa ON K2T 1C1	SSW/247.4	2.09	122

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
51	SPL	Parson Refrigeration (1985) Ltd.	300 Earl Gray Drive Kanata Ottawa ON	SSW/247.4	2.09	122
51	GEN	Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	SSW/247.4	2.09	122
51	GEN	Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	SSW/247.4	2.09	123
51	GEN	Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	SSW/247.4	2.09	123
51	GEN	Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	SSW/247.4	2.09	123
51	GEN	Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	SSW/247.4	2.09	124
52	CA	GENSTAR DEVELOPMENT CO. (ONT.) LTD.	WALDEN DRIVE/BURGER GATE KANATA CITY ON	NW/138.6	3.03	124
53	CA	CAMPEAU CORPORATION EXT. W. OF KNUDSON D	CAMPEAU DR./KNUDSON DR. KANATA CITY ON	ESE/102.5	2.00	124
53	CA	CAMPEAU CORPORATION EXT. W. OF KNUDSON D	CAMPEAU DR/KNUDSON DR. KANATA CITY ON	ESE/102.5	2.00	125
54	GEN	Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	WNW/179.0	5.24	125
54	GEN	Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	WNW/179.0	5.24	125
54	GEN	Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	WNW/179.0	5.24	126
54	GEN	Conseil des ecoles catholiques du Centre-Est CECCE	100, pr. Walden Kanata ON K2K 0G8	WNW/179.0	5.24	126

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
54	GEN	Conseil des ecoles catholiques du Centre-Est CECCE	100, pr. Walden Kanata ON K2K 0G8	WNW/179.0	5.24	127
55	EHS		Maritime Way Ottawa ON	ESE/166.3	2.24	127
56	EHS		100 Walden Drive Kanata (Ottawa) ON	WNW/223.7	5.31	128
57	SPL	Francis Fuels<UNOFFICIAL>	7 Carmichael Court, Kanata Ottawa ON	N/243.2	2.00	128
58	SPL		4 Carmichael Court, Kanata Ottawa ON	N/245.4	3.08	128
59	ECA	City of Ottawa	2600 Campeau Dr Ottawa ON K2G 6J8	E/249.0	1.00	129

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	67.4	<u>1</u>
	ON	115.7	<u>39</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GENSTAR DEVELOPMENT COMPANY -J. STIRLING	KNUDSON DR/SHAUGHNESSY CRES. KANATA CITY ON	63.3	<u>5</u>
GENSTAR DEV. CO. EASTERN LTD.	STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	129.5	<u>20</u>
GENSTAR DEV. CO. EASTERN LTD.	STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	129.5	<u>20</u>
Kanata Town Centre	Campeau Drive & Stonecroft Terrace Kanata ON	129.4	<u>21</u>
CAMPEAU CORPORATION M.D. PLEITER, DIR	ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	50.6	<u>24</u>
CAMPEAU CORPORATION M.D. PLEITER	ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	50.6	<u>24</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GENSTAR DEVELOPMENT CO. (ONT.) LTD.	WALDEN DRIVE/BURGER GATE KANATA CITY ON	138.6	52
CAMPEAU CORPORATION EXT. W. OF KNUDSON D	CAMPEAU DR/KNUDSON DR. KANATA CITY ON	102.5	53
CAMPEAU CORPORATION EXT. W. OF KNUDSON D	CAMPEAU DR./KNUDSON DR. KANATA CITY ON	102.5	53

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jan 31, 2020 has found that there are 9 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Varley Dr Ottawa ON K1P 1J1	111.0	15
Signature Ridge Development Inc.	Goldridge Drive Ottawa ON K2E 7M3	229.2	29
Imasco Enterprises Inc.	Kanata ON K2H 9C1	229.2	29
Genstar Development Company Limited	Kanata ON K2H 9C1	229.2	29
Imasco Enterprises Inc.	Kanata ON K2H 9C1	229.2	29
Bayview Kanata Holdings Ltd., as general partner for and on behalf of Bayview	Kanata Holdings Limited Partnership, the partnership under the laws of Ontario, and includes its successors and assignees 1100 Canadian Shield Ave, Ottawa ON M5G 1R3	205.7	45

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bayview Kanata Holdings Ltd.	1100 Canadian Shield Ave Ottawa ON M5G 1R3	205.7	45
Urbandale Corporation	Ottawa ON K1G 2H5	168.7	48
City of Ottawa	2600 Campeau Dr Ottawa ON K2G 6J8	249.0	59

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 10 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6501 Campeau Kanata ON K2K 3E9	29.8	19
	6501 Campeau Dr Ottawa ON K2K3E9	94.3	23
	6301 Campeau Dr Kanata (Ottawa) ON	142.3	33
	Teron Road, Beaverbrook Road, Leacock Drive and Leacock Way Ottawa ON	217.3	34
	6301 Campeau Drive Kanata ON K2K 3E9	186.4	38
	6301 Campeau Drive Kanata ON	211.3	42
	Parcel of Land Kanata ON	198.8	46

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3501 Campeau Drive Kanata ON K2K 0C1	134.1	49
	Maritime Way Ottawa ON	166.3	55
	100 Walden Drive Kanata (Ottawa) ON	223.7	56

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 50 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GENSTAR DEVELOPMENT COMPANY	6200 CAMPEAU DRIVE LOT 3, CONC. 2 KANATA ON	0.0	6
KANATA LAKES GOLF & COUNTRY CLUB 17-293	6200 CAMPEAU DR. PO BOX 13340 KANATA ON K2H 9N6	0.0	6
GENSTAR DEVELOPMENT COMPANY	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	0.0	6
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	0.0	6
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	0.0	6
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	0.0	6

Site	Address	Distance (m)	Map Key
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	0.0	<u>6</u>
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	0.0	<u>6</u>
Clublink	6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	0.0	<u>6</u>
Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	0.0	<u>17</u>
Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	0.0	<u>17</u>
Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	0.0	<u>17</u>
Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	0.0	<u>17</u>
Clublink	KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	0.0	<u>17</u>
Omni Health Care Limited	6501 Campeau Drive Ottawa ON K2K 3E9	94.3	<u>22</u>
Forest Hill	6501 Campeau Drive Kanata ON K2K 3E9	94.3	<u>22</u>
Ottawa-Carleton District Catholic School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa Catholic District School Board	5115 Kanata Avenue Kanata ON K2K 3K5	248.7	<u>26</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board Health & Safety	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Ottawa-Carleton District School Board Health & Safety	25 Leacock Drive Kanata ON K2K 1S2	249.3	<u>28</u>
Homestead Land Holdings Limited	7305 Campeau Drive Kanata ON K2K3M2	106.5	<u>36</u>
Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	247.4	<u>51</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	247.4	51
Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	247.4	51
Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	247.4	51
Ghamian & Khoury Professional Corp	300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	247.4	51
Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	179.0	54
Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	179.0	54
Conseil des ecoles catholiques du Centre-Est	100, pr. Walden Kanata ON K2K 0G8	179.0	54
Conseil des ecoles catholiques du Centre-Est CECCE	100, pr. Walden Kanata ON K2K 0G8	179.0	54
Conseil des ecoles catholiques du Centre-Est CECCE	100, pr. Walden Kanata ON K2K 0G8	179.0	54

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 7 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	45 GOULDING CRESCENT KANATA ON K2K 2N9	122.2	4
	23 TIFFANY CRESCENT KANATA ON K2K 1W3	107.1	18
	7303 CAMPEAU DRIVE OTTAWA ON	75.1	25
	7305 CAMPEAU DRIVE OTTAWA ON	106.5	36
	7307 CAMPEAU DRIVE OTTAWA ON	139.2	41
	26 SLADE CRESCENT OTTAWA ON	72.8	43
	26 SLADE CRESCENT KANATA ON K2K 2L1	75.2	44

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	271 KNUDSON DR, KANATA ON	28.5	7

MNR - Mineral Occurrences

A search of the MNR database, dated 1846-Jan 2019 has found that there are 1 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OBRIEN-FOWLER	ON	0.2	<u>9</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	113 KNUDSON DR, OTTAWA ON	12.4	<u>10</u>
	39 SLADE CRESCENT, OTTAWA ON	18.2	<u>37</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Dec 31, 2019 has found that there are 2 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ClubLink Corporation	7000 Campeau Dr Lot: 4, Concession: III Ottawa ON	0.0	<u>3</u>
ClubLink Corporation	7000 Campeau Drive Address: Lot: 4, Concession: III, Kanata, Geographic Township of King, Ottawa District Office: Ottawa Kanata ON	0.0	<u>3</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 5 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Iladia Ltd.	40 Morenz Terr Kanata ON K2K 3H2	61.6	<u>31</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
RALO Headsets Inc.	7305 Campeau Dr Suite 505 Kanata ON K2K 3M2	106.5	<u>36</u>
@HOME Inc.	400 Earl Grey Dr Unit B11 Kanata ON K2T 1B9	247.8	<u>50</u>
SensorNetics Inc.	300 Earl Grey Dr Unit 11 Suite 308 Ottawa ON K2T 1C1	247.4	<u>51</u>
SensorNetics Inc.	300 Earl Grey Dr Unit 11 Suite 308 Kanata ON K2T 1B8	247.4	<u>51</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 12 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	113 Knuvson Dr. Ottawa ON	12.4	<u>10</u>
	105 Knudson Drive Ottawa ON	16.0	<u>11</u>
SHELL CANADA PRODUCTS LTD.	52 PENTLAND ROAD TANK TRUCK (CARGO) KANATA CITY ON K2K 1V5	53.9	<u>12</u>
City of Ottawa	Opposite 2 Sherring Ottawa ON	191.8	<u>13</u>
UNKNOWN	CATCHBASIN IN FRONT OF 13 TIFANY CRESCENT. KANATA CITY ON	82.5	<u>14</u>
	6501 Campeau Drive, Kanata Ottawa ON	94.3	<u>22</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TEXACO CANADA	75 TIFFANY PLACE TANK TRUCK (CARGO) KANATA CITY ON K2K 1W5	201.5	27
Enbridge Energy Distribution Inc.	39 Slade Cr. Ottawa ON	18.2	37
	400 Earl Grey Dr. Ottawa ON	247.8	50
Parson Refrigeration (1985) Ltd.	300 Earl Gray Drive Kanata Ottawa ON	247.4	51
Francis Fuels<UNOFFICIAL>	7 Carmichael Court, Kanata Ottawa ON	243.2	57
	4 Carmichael Court, Kanata Ottawa ON	245.4	58

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 4 con 3 ON <i>Well ID:</i> 1503336	80.1	2
	lot 4 con 3 ON <i>Well ID:</i> 1519238	0.0	8
	lot 4 con 3 ON <i>Well ID:</i> 1528056	120.0	16

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 4 con 3 ON <i>Well ID:</i> 1523783	120.0	<u>16</u>
	lot 4 con 3 ON <i>Well ID:</i> 1520325	120.0	<u>16</u>
	lot 4 con 3 ON <i>Well ID:</i> 1528058	120.0	<u>16</u>
	lot 4 con 3 ON <i>Well ID:</i> 1528059	120.0	<u>16</u>
	lot 4 con 3 ON <i>Well ID:</i> 1528057	120.0	<u>16</u>
	lot 3 con 3 KANATA ON <i>Well ID:</i> 7047008	24.0	<u>30</u>
	lot 4 con 2 ON <i>Well ID:</i> 1532119	236.2	<u>32</u>
	lot 5 con 3 ON <i>Well ID:</i> 1521774	77.8	<u>35</u>
	lot 5 con 3 ON <i>Well ID:</i> 1520038	77.8	<u>35</u>
	lot 6 con 2 ON <i>Well ID:</i> 1503303	207.7	<u>40</u>
	lot 6 con 2 ON <i>Well ID:</i> 1503304	207.7	<u>40</u>
	lot 6 con 2 ON	207.7	<u>40</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1503305		
	lot 3 con 3 ON	164.9	47
	<i>Well ID:</i> 1519885		



Map : 0.25 Kilometer Radius

Order Number: 20200207119

Address: 7000 Campeau Drive, Kanata, ON



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



1:12396

Aerial Year: 2019

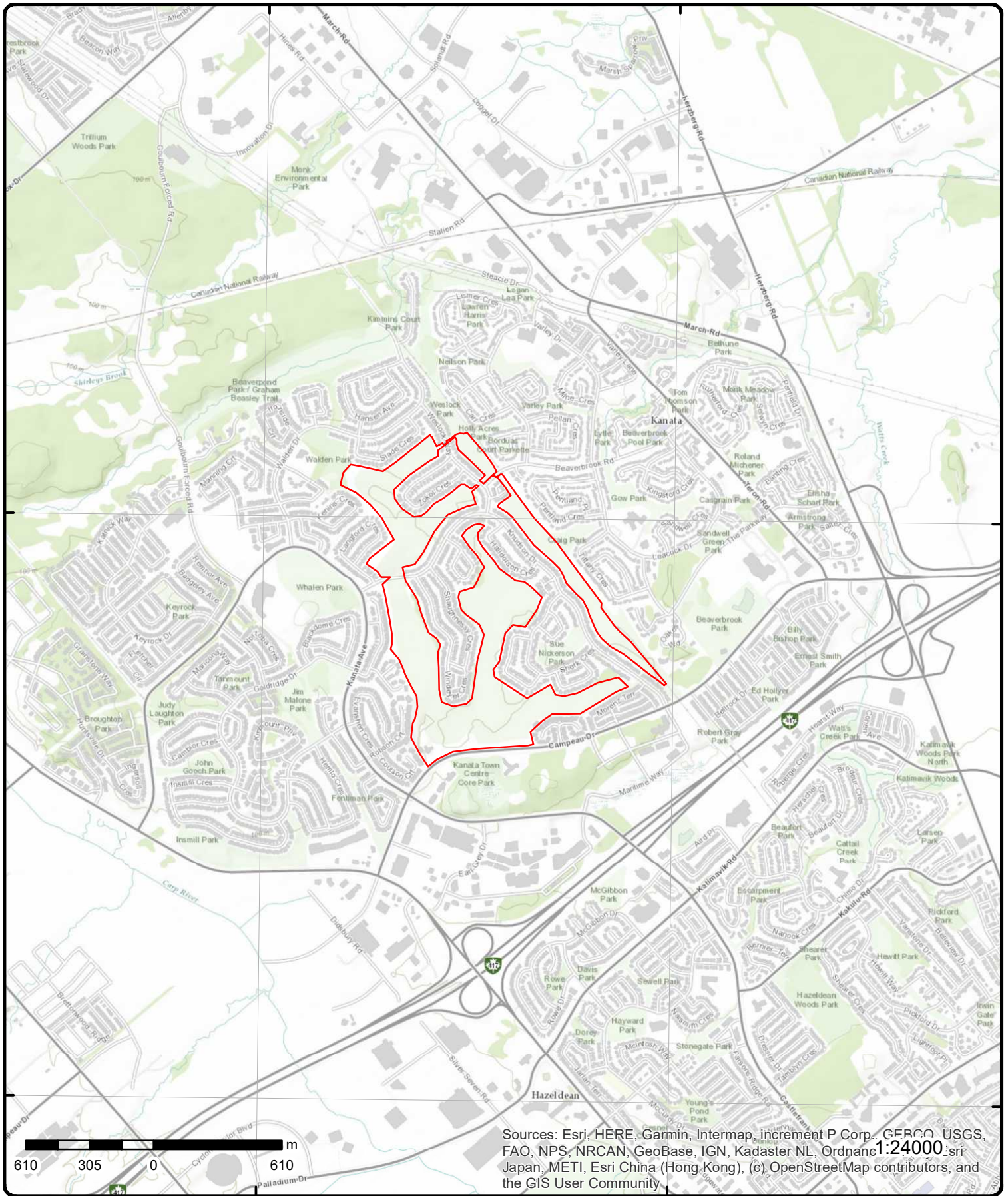
Address: 7000 Campeau Drive, Kanata, ON

Source: ESRI World Imagery

Order Number: 20200207119



© ERIS Information Limited Partnership



Topographic Map

Address: 7000 Campeau Drive, ON

Source: ESRI World Topographic Map

Order Number: 20200207119



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 2	SE/0.0	96.9 / 0.00	ClubLink Corporation 7000 Campeau Dr Lot: 4, Concession: III Ottawa ON	PTTW
<p>EBR Registry No: 011-5019 Decision Posted:</p> <p>Ministry Ref No: 5647-8NDSFV Exception Posted:</p> <p>Notice Type: Instrument Proposal Section:</p> <p>Notice Stage: Act 1:</p> <p>Notice Date: Act 2:</p> <p>Proposal Date: November 08, 2011 Site Location Map:</p> <p>Year: 2011</p> <p>Instrument Type: (OWRA s. 34) - Permit to take water</p> <p>Off Instrument Name:</p> <p>Posted By:</p> <p>Company Name:</p> <p>Site Address:</p> <p>Location Other:</p> <p>Proponent Name:</p> <p>Proponent Address: 15675 Dufferin Street King City Ontario Canada L7B 1K5</p> <p>Comment Period:</p> <p>URL:</p> <p>Site Location Details:</p> <p>7000 Campeau Drive Lot: 4, Concession: III, Kanata, Geographic Township of King, Ottawa</p>					

<u>3</u>	2 of 2	SE/0.0	96.9 / 0.00	ClubLink Corporation 7000 Campeau Drive Address: Lot: 4, Concession: III, Kanata, Geographic Township of King, Ottawa District Office: Ottawa Kanata ON	PTTW
<p>EBR Registry No: 011-5019 Decision Posted:</p> <p>Ministry Ref No: 5647-8NDSFV Exception Posted:</p> <p>Notice Type: Instrument Decision Section:</p> <p>Notice Stage: Act 1:</p> <p>Notice Date: June 14, 2012 Act 2:</p> <p>Proposal Date: November 08, 2011 Site Location Map:</p> <p>Year: 2011</p> <p>Instrument Type: (OWRA s. 34) - Permit to Take Water</p> <p>Off Instrument Name:</p> <p>Posted By:</p> <p>Company Name: ClubLink Corporation</p> <p>Site Address:</p> <p>Location Other:</p> <p>Proponent Name:</p> <p>Proponent Address: 15675 Dufferin Street, King City Ontario, Canada L7B 1K5</p> <p>Comment Period:</p> <p>URL:</p> <p>Site Location Details:</p> <p>7000 Campeau Drive Address: Lot: 4, Concession: III, Kanata, Geographic Township of King, Ottawa District Office: Ottawa Kanata</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 9	S/0.0	96.8 / -0.12	GENSTAR DEVELOPMENT COMPANY 6200 CAMPEAU DRIVE LOT 3, CONC. 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	92,93,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9651				
SIC Description:	GOLF COURSES				
<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
6	2 of 9	S/0.0	96.8 / -0.12	KANATA LAKES GOLF & COUNTRY CLUB 17-293 6200 CAMPEAU DR. PO BOX 13340 KANATA ON K2H 9N6	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9651				
SIC Description:	GOLF COURSES				
<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
6	3 of 9	S/0.0	96.8 / -0.12	GENSTAR DEVELOPMENT COMPANY 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	9651				
SIC Description:	GOLF COURSES				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
<u>6</u>	4 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	02,03,04,05,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>6</u>	5 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713910				
SIC Description:	Golf Courses and Country Clubs				
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<u>6</u>	6 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713910				
SIC Description:	Golf Courses and Country Clubs				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PETROLEUM DISTILLATES			
6	7 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713910				
SIC Description:	Golf Courses and Country Clubs				
<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
6	8 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON K2K 1X5	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713910				
SIC Description:	Golf Courses and Country Clubs				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
6	9 of 9	S/0.0	96.8 / -0.12	Clublink 6200 CAMPEAU DRIVE LOT 3, CONCESSION 2 KANATA ON	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	713910				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		113			
Waste Class Desc:		ACID WASTE - OTHER METALS			

<u>8</u>	1 of 1	NE/0.0	94.6 / -2.23	lot 4 con 3 ON	WWIS
Well ID:	1519238			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/5/1984
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	03
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:	10041108	Elevation:	95.523162
DP2BR:	5	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	428829.6
Code OB Desc:	Bedrock	North83:	5019321
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/22/1984	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931041048
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	35
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931041047			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589678			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071785			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071786			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		35			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991519238			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:	2				
Final Level After Pumping:	20				
Recommended Pump Depth:	25				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	5				
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:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934652749				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	20				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934382216				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	20				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934107478				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	20				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934901717				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	20				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933476165				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	30				
Water Found Depth UOM:	ft				

<u>9</u>	1 of 1	WNW/0.2	104.7 / 7.80	OBRIEN-FOWLER	MNR
				ON	
MDI No:	MDI31G05SW00064	Zone:	18		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OGF ID:	205267943			Easting: 428027.196	
Deposit Status:	PAST PRODUCING MINE WITHOUT RESERVES			Northing: 5019222.957	
Claim Map:	M-0121			Effective Dt/time: 6/13/2005	
Geological District:	SOUTHEASTERN ONTARIO			Date Last Modified: 12/7/2005 12:32:36 PM	
Mining Division:	SOUTHERN ONTARIO			Geo Update Dt/time:	
Class Sub Type No:	2499				
Class Sub Type:	Past Producing Mine Without Reserves				
Source Map:	DEMR 1987, NTS 31G05 OTTAWA				
Access Description:	N/A **Note: Many records provided by the department have a truncated [Access Description] field.				

Deposit Details

Deposit Year: 1994
Deposit Character:
Commodity: FELDSPAR (NONMETALS)
Ranking: 1
Twp/Area: MARCH
Con/Lot/Sec: LOT: 5 Con: 2
Legal Desc:
Township Area Ranking: 1
Mndm Township Area No: 1492
Effective Date/Time: 12/7/2005 12:32:36 PM

Deposit Details

Deposit Year: 1994
Deposit Character:
Commodity: FELDSPAR (NONMETALS)
Ranking: 1
Twp/Area: MARCH
Con/Lot/Sec: LOT: 5 Con: 3
Legal Desc:
Township Area Ranking: 1
Mndm Township Area No: 1492
Effective Date/Time: 12/7/2005 12:32:36 PM

<u>17</u>	1 of 5	SSW/0.0	99.9 / 3.00	Clublink KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Shawn Houle
MHSW Facility:	No			Phone No Admin:	613-592-1095 Ext.
SIC Code:	713910				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS				

Detail(s)

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	2 of 5	SSW/0.0	99.9 / 3.00	Clublink KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Shawn Houle
MHSW Facility:	No			Phone No Admin:	613-592-1095 Ext.
SIC Code:	713910				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
17	3 of 5	SSW/0.0	99.9 / 3.00	Clublink KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	GEN
Generator No:	ON1135501			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	John Byers
MHSW Facility:	No			Phone No Admin:	613-592-1095 Ext.
SIC Code:	713910				
SIC Description:	GOLF COURSES AND COUNTRY CLUBS				
Detail(s)					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	113				
Waste Class Desc:	ACID WASTE - OTHER METALS				
17	4 of 5	SSW/0.0	99.9 / 3.00	Clublink KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	GEN
Generator No:	ON1135501			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		113 C			
Waste Class Desc:		Acid solutions - containing other metals and non-metals			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			

17	5 of 5	SSW/0.0	99.9 / 3.00	Clublink KANATA GOLF & COUNTRY CLUB P.O. BOX 91053 KANATA ON K2T 0A3	GEN
Generator No:	ON1135501			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
Waste Class:	113 C				
Waste Class Desc:	Acid solutions - containing other metals and non-metals				
Waste Class:	221 I				
Waste Class Desc:	Light fuels				

1	1 of 1	NW/67.4	97.2 / 0.31	ON	BORE
Borehole ID:	609719			Inclin FLG:	No
OGF ID:	215511334			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	3.0			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.32204
Total Depth m:	-999			Longitude DD:	-75.913833
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	428381
Drill Method:				Northing:	5019132
Orig Ground Elev m:	99.1			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	99.7				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218383904			Mat Consistency:	
Top Depth:	0			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	5.5 Unknown			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218383905 5.5 Bedrock Granite			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
					BEDROCK,GRANITE. WATER STABLE AT 315.0 FEET.VELLOCITY = 4800. BEDROCK. SEISMIC VELOCITY = 11000.
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 M			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
					Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 022270 NTS_Sheet: 31G05D Reliable information but incomplete.
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
					Urban Geology Automated Information System (UGAIS) Geological Survey of Canada
<u>2</u>	1 of 1	WNW/80.1	97.9 / 1.00	lot 4 con 3 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:	1503336 Irrigation 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/6/1966 Yes 3504 1 OTTAWA-CARLETON MARCH TOWNSHIP 004 03 CON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025379			Elevation:	99.663002
DP2BR:	18			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	428320.6
Code OB Desc:	Bedrock			North83:	5019092
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/19/1966			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930996607				
Layer:	2				
Color:					
General Color:					
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	18				
Formation End Depth:	200				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930996606				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	18				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10573949			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930043511			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930043510			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503336			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		145			
Recommended Pump Depth:		160			
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:		30			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456230			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		125			
Water Found Depth UOM:		ft			

[4](#)

1 of 1

NW/122.2

99.0 / 2.08

45 GOULDING CRESCENT
KANATA ON K2K 2N9

HINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>External File Num: FS INC 0811-06988 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 11/8/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Private Dwelling Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:</p>					
5	1 of 1	NW/63.3	98.9 / 2.04	GENSTAR DEVELOPMENT COMPANY -J. STIRLING KNUDSON DR/SHAUGHNESSY CRES. KANATA CITY ON	CA
<p>Certificate #: 7-2088-89- Application Year: 89 Issue Date: 1/3/1990 Approval Type: Municipal water Status: Approved in 1990 Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>					
7	1 of 1	NNW/28.5	98.8 / 1.91	271 KNUDSON DR, KANATA ON	INC
<p>Incident No: 2038460 Incident ID: Attribute Category: FS-Perform L1 Incident Insp Status Code: Incident Location: 271 KNUDSON DR, KANATA - EXPLOSION Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated: Contact Natural Env.: Near Body of Water: Approx. Quant. Rel.: Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Explosion Fuel Type Involved: Natural Gas Date of Occurrence: 2017/03/08 00:00:00 Time of Occurrence: 14:30:00 Occur Insp Start Date: 2017/03/08 00:00:00 Any Health Impact: Yes Any Environmental Impact: No Was Service Interrupted: No Was Property Damaged: No Operation Type Involved: Private Dwelling Enforcement Policy: NULL Prc Escalation Required: NULL Task No: 6657217 Notes: Occurrence Narrative: Delay Ignition from Conventional Hot Water Heater Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					

<u>10</u>	1 of 2	E/12.4	97.9 / 1.00	113 KNUDSON DR, OTTAWA ON	PINC
Incident ID: Incident No: 1893512 Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Fuel Occurrence Tp: Fuel Type: Tank Status: RC Established Task No: 6227697 Spills Action Centre: Method Details: E-mail Fuel Category: Natural Gas Date of Occurrence: Occurrence Start Date: 2016/07/18 Operation Type: Pipeline Type: Regulator Type: Summary: 113 KNUDSON DR, OTTAWA - PIPELINE HIT - 1/2" Reported By: Everett Milotte - ENBRIDGE Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient					
Health Impact: Environment Impact: Property Damage: No Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Notes:					
10	2 of 2	E/12.4	97.9 / 1.00	Enbridge Gas Distribution Inc. 113 Knudson Dr. Ottawa ON	SPL
Ref No:	1744-ABBN43			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/06/27			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	113 Knudson Dr.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/06/27			Site Map Datum:	
Dt Document Closed:	2016/08/10			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	residential<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Enbridge-1/2" plastic service struck by mini ex,no locatesd on site,safe				
Contaminant Qty:	0 other - see incident description				
11	1 of 1	E/16.0	98.2 / 1.31	105 Knudson Drive Ottawa ON	SPL
Ref No:	3064-5Z5J4A			Discharger Report:	
Site No:				Material Group:	Oil
Incident Dt:	5/19/2004			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Pipe Or Hose Leak			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	Eastern
Environment Impact:	Possible			Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution			Site Lot:	
Receiving Medium:	Land & Water			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/19/2004			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:				Source Type:	
Site Name:	OTTAWA PROPERTY<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Hydraulic oil leak from garbage truck				
Contaminant Qty:	10 L				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	NE/53.9	95.9 / -0.97	SHELL CANADA PRODUCTS LTD. 52 PENTLAND ROAD TANK TRUCK (CARGO) KANATA CITY ON K2K 1V5	SPL
Ref No:	117790			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	8/28/1995			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	PIPE/HOSE LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	20103
Nature of Impact:				Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/28/1995			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OTTAWA THERMO-SHELL LTD- 2 L HEATING OIL TO PVMT. CLEANED.				
Contaminant Qty:					
13	1 of 1	WSW/191.8	106.8 / 9.97	City of Ottawa Opposite 2 Sherring Ottawa ON	SPL
Ref No:	0400-9HATX3			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2014/03/17			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Motor Vehicle
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	MOTOR OIL			Site Address:	Opposite 2 Sherring
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:	Other Impact(s)			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2014/03/17			Site Map Datum:	
Dt Document Closed:	2014/11/20			SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	Catch Basin<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Motor Vehicle fluids to CB				
Contaminant Qty:	3 L				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	ENE/82.5	98.0 / 1.08	UNKNOWN CATCHBASIN IN FRONT OF 13 TIFANY CRESCENT. KANATA CITY ON	SPL
Ref No:	169253			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	6/20/1999			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	UNKNOWN			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	20103
Nature of Impact:				Site Lot:	
Receiving Medium:	WATER			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/21/1999			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	UNKNOWN			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	SOURCE UKN-UKN QTY PAINT/WATER DUMPED IN CATCHBASIN,CLEANED-UP.				
Contaminant Qty:					
15	1 of 1	ENE/111.0	96.9 / 0.00	City of Ottawa Varley Dr Ottawa ON K1P 1J1	ECA
Approval No:	5265-5L8KNS			MOE District:	Ottawa
Approval Date:	2003-04-03			City:	
Status:	Approved			Longitude:	-75.9054
Record Type:	ECA			Latitude:	45.324000000000005
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Address:	Varley Dr				
Full Address:					
Full PDF Link:					
16	1 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON	WWIS
Well ID:	1520325			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/23/1986
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	03
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:	10042168	Elevation:	94.164283
DP2BR:	3	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	429043.6
Code OB Desc:	Bedrock	North83:	5019358
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/29/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931044401
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931044402
Layer:	2
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10590738				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930073596				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	50				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930073595				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	22				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991520325				
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	25				
Recommended Pump Depth:	40				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	5				
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:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934905507				
Test Type:	Draw Down				
Test Duration:	60				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934377364			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110843			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934656118			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933477543			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		47			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933477542			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26			
Water Found Depth UOM:		ft			

16	2 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON WWIS
Well ID:	1523783			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/12/1989
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	66407			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 10045556 DP2BR: 2 Spatial Status: Code OB: v Code OB Desc: Overburden below Bedrock Open Hole: Cluster Kind: Date Completed: 8/24/1989 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 94.164283 Elevrc: Zone: 18 East83: 429043.6 North83: 5019358 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931055697 Layer: 2 Color: 2 General Color: GREY Mat1: 18 Most Common Material: SANDSTONE Mat2: 71 Other Materials: FRACTURED Mat3: Other Materials: Formation Top Depth: 2 Formation End Depth: 4 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931055698 Layer: 3 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 85 Other Materials: SOFT Mat3: Other Materials: Formation Top Depth: 4 Formation End Depth: 13 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931055696			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Other Materials:		FILL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931055699			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		78			
Other Materials:		MEDIUM-GRAINED			
Mat3:					
Other Materials:					
Formation Top Depth:		13			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10594126			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930079730			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930079729			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991523783			
Pump Set At:					
Static Level:		11			
Final Level After Pumping:		40			
Recommended Pump Depth:		50			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651341			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934390786			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934908966			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106138			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water ID: 933482182
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 56
Water Found Depth UOM: ft

Water Details

Water ID: 933482181
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 43
Water Found Depth UOM: ft

<u>16</u>	3 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON	WWIS
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Well ID: 1528056 Construction Date: Primary Water Use: Not Used Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: 149107 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: 7/28/1994 Selected Flag: Yes Abandonment Rec: Contractor: 6844 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: MARCH TOWNSHIP Site Info: Lot: 004 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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Bore Hole Information

Bore Hole ID: 10049596 DP2BR: Spatial Status: Code OB: p Code OB Desc: Unknown type above a bedrock layer Open Hole: Cluster Kind: Date Completed: 7/7/1994 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 94.164283 Elevrc: Zone: 18 East83: 429043.6 North83: 5019358 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot
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Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931068425			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		3			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068423			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068422			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		00			
Most Common Material:		UNKNOWN TYPE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068424			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Other Materials:		DENSE			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112906			
Layer:		1			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112907			
Layer:		2			
Plug From:		2			
Plug To:		4			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112908			
Layer:		3			
Plug From:		4			
Plug To:		15			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598166			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930086673			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933326476			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Slot: 100
Screen Top Depth: 5
Screen End Depth: 15
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 933487639
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 10
Water Found Depth UOM: ft

<u>16</u>	4 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON	WWIS
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Well ID: 1528057 Construction Date: Primary Water Use: Not Used Sec. Water Use: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: 149094 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: 7/28/1994 Selected Flag: Yes Abandonment Rec: Contractor: 6844 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: MARCH TOWNSHIP Site Info: Lot: 004 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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Bore Hole Information

Bore Hole ID: 10049597 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 7/6/1994 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 94.164283 Elevrc: Zone: 18 East83: 429043.6 North83: 5019358 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot
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Overburden and Bedrock
Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931068427			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068428			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Other Materials:		DENSE			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068429			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		3			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068426			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		00			
Most Common Material:		UNKNOWN TYPE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112909				
Layer:	1				
Plug From:	1				
Plug To:	2				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112911				
Layer:	3				
Plug From:	4				
Plug To:	15				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112910				
Layer:	2				
Plug From:	2				
Plug To:	4				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10598167				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930086674				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:	15				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933326477				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		100			
Screen Top Depth:		5			
Screen End Depth:		15			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		933487640			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		10			
Water Found Depth UOM:		ft			

<u>16</u>	5 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON	WWIS
Well ID:	1528058			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Not Used			Date Received:	7/28/1994
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	6844
Casing Material:				Form Version:	1
Audit No:	149106			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10049598			Elevation:	94.164283
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	429043.6
Code OB Desc:	Overburden			North83:	5019358
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/6/1994			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931068433			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		3			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068431			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068430			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		00			
Most Common Material:		UNKNOWN TYPE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068432			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Other Materials:		DENSE			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112913				
Layer:	2				
Plug From:	2				
Plug To:	4				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112912				
Layer:	1				
Plug From:	1				
Plug To:	2				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933112914				
Layer:	3				
Plug From:	4				
Plug To:	15				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10598168				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930086675				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:	15				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933326478				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		100			
Screen Top Depth:		5			
Screen End Depth:		15			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		933487641			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		10			
Water Found Depth UOM:		ft			

<u>16</u>	6 of 6	ENE/120.0	96.9 / 0.00	lot 4 con 3 ON	WWIS
Well ID:	1528059			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Not Used			Date Received:	7/28/1994
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	6844
Casing Material:				Form Version:	1
Audit No:	149105			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	004
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10049599			Elevation:	94.164283
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	o			East83:	429043.6
Code OB Desc:	Overburden			North83:	5019358
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/6/1994			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931068437			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		74			
Other Materials:		LAYERED			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		3			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068435			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068436			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		66			
Other Materials:		DENSE			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931068434			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		00			
Most Common Material:		UNKNOWN TYPE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112916			
Layer:		2			
Plug From:		2			
Plug To:		4			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112917			
Layer:		3			
Plug From:		4			
Plug To:		15			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112915			
Layer:		1			
Plug From:		1			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598169			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930086676			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933326479			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot: 100 Screen Top Depth: 5 Screen End Depth: 15 Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter: 2					
Water Details					
Water ID: 933487642 Layer: 1 Kind Code: 5 Kind: Not stated Water Found Depth: 10 Water Found Depth UOM: ft					
18	1 of 1	E/107.1	98.8 / 1.97	23 TIFFANY CRESCENT KANATA ON K2K 1W3	HINC
External File Num: FS INC 0803-01046 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 2/23/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Private Dwelling Service Interruptions: Yes Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
19	1 of 1	SSE/29.8	99.3 / 2.47	6501 Campeau Kanata ON K2K 3E9	EHS
Order No: 20050823003 Status: C Report Type: Custom Report Report Date: 8/31/2005 Date Received: 8/23/2005 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.908984 Y: 45.315004					
20	1 of 2	SE/129.5	108.2 / 11.28	GENSTAR DEV. CO. EASTERN LTD. STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	CA
Certificate #: 3-0491-93- Application Year: 93					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Issue Date: 5/25/1993 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
20	2 of 2	SE/129.5	108.2 / 11.28	GENSTAR DEV. CO. EASTERN LTD. STONECROFT TERRACE/CAMPEAU DR. KANATA CITY ON	CA
Certificate #: 7-0402-93- Application Year: 93 Issue Date: 5/25/1993 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
21	1 of 1	SE/129.4	108.2 / 11.28	Kanata Town Centre Campeau Drive & Stonecroft Terrace Kanata ON	CA
Certificate #: 5683-4FNRK8 Application Year: 00 Issue Date: 1/19/00 Approval Type: Municipal & Private sewage Status: Approved Application Type: New Certificate of Approval Client Name: Corporation of the City of Kanata Client Address: 580 Terry Fox Drive Client City: Kanata Client Postal Code: K2L 4C2 Project Description: This application is for the installation of storm and sanitary sewers on Campeau Drive and Stonecroft Terrace Contaminants: Emission Control:					
22	1 of 3	SSE/94.3	98.9 / 2.00	Omni Health Care Limited 6501 Campeau Drive Ottawa ON K2K 3E9	GEN
Generator No: ON8138698 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 623310 SIC Description: 623310 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Brandon McGee Phone No Admin: 6137391449 Ext.246					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
22	2 of 3	SSE/94.3	98.9 / 2.00	Forest Hill 6501 Campeau Drive Kanata ON K2K 3E9	GEN
Generator No:	ON6189950			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	623110				
SIC Description:	623110				
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
22	3 of 3	SSE/94.3	98.9 / 2.00	6501 Campeau Drive, Kanata Ottawa ON	SPL
Ref No:	7363-APTRHU			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	8/1/2017			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Other
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	6501 Campeau Drive, Kanata
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5018278.72
MOE Response:	No			Easting:	428697.49
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/1/2017			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure			Source Type:	Motor Vehicle
Site Name:	Forest Hill Retirement Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Dicon Transport: 2 Gallons of Hydraulic Oil to Ground. Ctnd & Clned				
Contaminant Qty:	2 gal-US				
23	1 of 1	SSE/94.3	98.9 / 2.00	6501 Campeau Dr Ottawa ON K2K3E9	EHS
Order No:	20150807079			Nearest Intersection:	
Status:	C			Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Custom Report Report Date: 13-AUG-15 Date Received: 07-AUG-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Client Prov/State: ON Search Radius (km): .25 X: -75.909665 Y: 45.314382					
24	1 of 2	NNW/50.6	93.9 / -3.00	CAMPEAU CORPORATION M.D. PLEITER, DIR ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	CA
Certificate #: 3-1239-87- Application Year: 87 Issue Date: 7/14/1987 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
24	2 of 2	NNW/50.6	93.9 / -3.00	CAMPEAU CORPORATION M.D. PLEITER ZOKOL CRESCENT/WESLOCK WAY KANATA CITY ON	CA
Certificate #: 7-1023-87- Application Year: 87 Issue Date: 7/14/1987 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
25	1 of 1	SSW/75.1	102.3 / 5.44	7303 CAMPEAU DRIVE OTTAWA ON	HINC
External File Num: FS INC 0905-02756 Fuel Occurrence Type: Leak Date of Occurrence: 5/15/2009 Fuel Type Involved: Diesel Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Multi-unit Residential Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Reported Details: Facility type is not specified. Fuel Category: Liquid Fuel Occurrence Type: Incident					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

26	1 of 12	W/248.7	108.2 / 11.31	Ottawa-Carleton District Catholic School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	
Approval Years:	03,04,05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

26	2 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				

<u>Detail(s)</u>					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
26	3 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
26	4 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5505104 2010 611690	All Other Schools and Instruction		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	331 WASTE COMPRESSED GASES				
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
Waste Class: Waste Class Desc:	148 INORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	264 PHOTOPROCESSING WASTES				
Waste Class: Waste Class Desc:	213 PETROLEUM DISTILLATES				
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				

<u>26</u>	5 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5505104 2011 611690	All Other Schools and Instruction		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Class: Waste Class Desc:	251 OIL SKIMMINGS & SLUDGES				
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	264 PHOTOPROCESSING WASTES				
Waste Class: Waste Class Desc:	252 WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

26	6 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	All Other Schools and Instruction				

Detail(s)

Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS

26	7 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				

Detail(s)

Waste Class:	145
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
26	8 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:		ON5505104		PO Box No:	
Status:		No		Country: Canada	
Approval Years:		2016		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin:	
MHSW Facility:		No		Phone No Admin:	
SIC Code:		611690			
SIC Description:		ALL OTHER SCHOOLS AND INSTRUCTION			
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
26	9 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kanata ON K2K 3K5					
Generator No:	ON5505104			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				

<u>26</u>	10 of 12	W/248.7	108.2 / 11.31	Ottawa Catholic District School Board 5115 Kanata Avenue Kanata ON K2K 3K5	GEN
Generator No:	ON5505104			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	148				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

[26](#) 11 of 12 **W/248.7** **108.2 / 11.31** **Ottawa Catholic District School Board
5115 Kanata Avenue
Kanata ON K2K 3K5** **GEN**

Generator No:	ON5505104	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	122 C
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 L
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	148 R
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	212 B
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	213 L
Waste Class Desc:	Petroleum distillates
Waste Class:	213 T
Waste Class Desc:	Petroleum distillates
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		251 T Waste oils/sludges (petroleum based)			
Waste Class: Waste Class Desc:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		252 T Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		263 B Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 I Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		264 T Photoprocessing wastes			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			

26 12 of 12 **W/248.7** **108.2 / 11.31** **Ottawa Catholic District School Board**
5115 Kanata Avenue
Kanata ON K2K 3K5 **GEN**

Generator No:	ON5505104	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Oct 2019	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: Waste Class Desc:	148 R Misc. wastes and inorganic chemicals
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)
Waste Class: Waste Class Desc:	145 L Wastes from the use of pigments, coatings and paints
Waste Class: Waste Class Desc:	213 I Petroleum distillates
Waste Class: Waste Class Desc:	251 T Waste oils/sludges (petroleum based)
Waste Class: Waste Class Desc:	212 B Aliphatic solvents and residues
Waste Class: Waste Class Desc:	264 T Photoprocessing wastes
Waste Class: Waste Class Desc:	148 A Misc. wastes and inorganic chemicals
Waste Class: Waste Class Desc:	212 L Aliphatic solvents and residues
Waste Class: Waste Class Desc:	331 I Waste compressed gases including cylinders

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i>		252 T			
<i>Waste Class Desc:</i>		Waste crankcase oils and lubricants			
<i>Waste Class:</i>		252 L			
<i>Waste Class Desc:</i>		Waste crankcase oils and lubricants			
<i>Waste Class:</i>		145 I			
<i>Waste Class Desc:</i>		Wastes from the use of pigments, coatings and paints			
<i>Waste Class:</i>		213 L			
<i>Waste Class Desc:</i>		Petroleum distillates			
<i>Waste Class:</i>		148 L			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		263 I			
<i>Waste Class Desc:</i>		Misc. waste organic chemicals			
<i>Waste Class:</i>		122 C			
<i>Waste Class Desc:</i>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<i>Waste Class:</i>		148 C			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		148 I			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		213 T			
<i>Waste Class Desc:</i>		Petroleum distillates			
<i>Waste Class:</i>		263 B			
<i>Waste Class Desc:</i>		Misc. waste organic chemicals			

27	1 of 1	ENE/201.5	95.5 / -1.33	TEXACO CANADA 75 TIFFANY PLACE TANK TRUCK (CARGO) KANATA CITY ON K2K 1W5	SPL
<i>Ref No:</i>	79211			<i>Discharger Report:</i>	
<i>Site No:</i>				<i>Material Group:</i>	
<i>Incident Dt:</i>	11/14/1992			<i>Health/Env Conseq:</i>	
<i>Year:</i>				<i>Client Type:</i>	
<i>Incident Cause:</i>	VALVE/FITTING LEAK OR FAILURE			<i>Sector Type:</i>	
<i>Incident Event:</i>				<i>Agency Involved:</i>	
<i>Contaminant Code:</i>				<i>Nearest Watercourse:</i>	
<i>Contaminant Name:</i>				<i>Site Address:</i>	
<i>Contaminant Limit 1:</i>				<i>Site District Office:</i>	
<i>Contam Limit Freq 1:</i>				<i>Site Postal Code:</i>	
<i>Contaminant UN No 1:</i>				<i>Site Region:</i>	
<i>Environment Impact:</i>	POSSIBLE			<i>Site Municipality:</i>	20103
<i>Nature of Impact:</i>	Soil contamination			<i>Site Lot:</i>	
<i>Receiving Medium:</i>	LAND			<i>Site Conc:</i>	
<i>Receiving Env:</i>				<i>Northing:</i>	
<i>MOE Response:</i>				<i>Easting:</i>	JANIC CONSTRUCTION
<i>Dt MOE Arvl on Scn:</i>				<i>Site Geo Ref Accu:</i>	
<i>MOE Reported Dt:</i>	11/16/1992			<i>Site Map Datum:</i>	
<i>Dt Document Closed:</i>				<i>SAC Action Class:</i>	
<i>Incident Reason:</i>	CORROSION			<i>Source Type:</i>	
<i>Site Name:</i>					
<i>Site County/District:</i>					
<i>Site Geo Ref Meth:</i>					
<i>Incident Summary:</i>	ESSO HOME COMFORT - 30L FURNACE OIL TO GRD DUE TOLEAKING FUEL LINE.				
<i>Contaminant Qty:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Detail(s)					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				

28	2 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
28	3 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				

28	4 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
28	5 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

28	6 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
			145		
			PAINT/PIGMENT/COATING RESIDUES		

28	7 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

28	8 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	213

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

28	9 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:				Country:	Canada
Approval Years:	No			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

28	10 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board Health & Safety 25 Leacock Drive Kanata ON K2K 1S2	GEN
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Generator No: ON3492446
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

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
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
28	11 of 11	ENE/249.3	97.9 / 1.00	Ottawa-Carleton District School Board Health & Safety 25 Leacock Drive Kanata ON K2K 1S2	GEN
Generator No:	ON3492446			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
29	1 of 4	SW/229.2	108.9 / 12.00	Imasco Enterprises Inc. Kanata ON K2H 9C1	ECA
Approval No:	7866-4HLLCP			MOE District:	Ottawa
Approval Date:	2000-03-22			City:	
Status:	Approved			Longitude:	-75.9188
Record Type:	ECA			Latitude:	45.3156
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:					
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0487-4HHLJK-14.pdf				
29	2 of 4	SW/229.2	108.9 / 12.00	Genstar Development Company Limited Kanata ON K2H 9C1	ECA
Approval No:	5714-4MUQ7L			MOE District:	Ottawa
Approval Date:	2000-08-08			City:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Full Address: Full PDF Link:					
29	3 of 4	SW/229.2	108.9 / 12.00	Imasco Enterprises Inc. Kanata ON K2H 9C1	ECA
Approval No: 1550-4HLMCQ Approval Date: 2000-03-22 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Full Address: Full PDF Link:					
29	4 of 4	SW/229.2	108.9 / 12.00	Signature Ridge Development Inc. Goldridge Drive Ottawa ON K2E 7M3	ECA
Approval No: 8270-4PAJAD Approval Date: 2000-09-25 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: Goldridge Drive Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8865-4P5NR7-14.pdf					
30	1 of 1	N/24.0	99.2 / 2.31	lot 3 con 3 KANATA ON	WWIS
Well ID: 7047008 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z58641 Tag: A051463 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock:					
Data Entry Status: Data Src: Date Received: 7/23/2007 Selected Flag: Yes Abandonment Rec: Contractor: 1558 Form Version: 3 Owner: Street Name: 19 BORDUAS County: OTTAWA-CARLETON Municipality: MARCH TOWNSHIP Site Info: Lot: 003 Concession: 03 Concession Name: CON					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 23047008 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/3/2007 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 96.226997 Elevrc: Zone: 18 East83: 428586 North83: 5019781 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 30147008 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: 71 Other Materials: FRACTURED Mat3: 01 Other Materials: FILL Formation Top Depth: 0 Formation End Depth: 1.21 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 30247008 Layer: 2 Color: 2 General Color: GREY Mat1: 21 Most Common Material: GRANITE Mat2: 74 Other Materials: LAYERED Mat3: 73 Other Materials: HARD Formation Top Depth: 1.21 Formation End Depth: 60.95 Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 44001841					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	1				
Plug From:	6.4				
Plug To:	0				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	29047008				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	42247008				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:	6.4				
Depth To:	60.95				
Casing Diameter:					
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Casing</u>					
Casing ID:	42147008				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:	-0.45				
Depth To:	6.4				
Casing Diameter:	15.86				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	27047008				
Pump Set At:	45.71				
Static Level:	5.35				
Final Level After Pumping:	6.35				
Recommended Pump Depth:	30.47				
Pumping Rate:	54.6				
Flowing Rate:					
Recommended Pump Rate:	45.5				
Levels UOM:	m				
Rate UOM:	LPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:					
Flowing:	N				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45012459			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45012462			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011001			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		5.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011005			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011006			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		5.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45012458			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		5.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45012460			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		6.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		45010991			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010998			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		5.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011000			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		5.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010999			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010992			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010994			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010995			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		5.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011002			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.11			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45011003			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		5.58			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45012454			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		5.62			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45010997			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		5.92			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45011004			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		6.21			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45011007			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		5.58			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45012455			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		6.26			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		45012457			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		6.24			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pump Test Detail ID:</u> 45010996					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 2					
<u>Test Level:</u> 6.01					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 45012461					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 50					
<u>Test Level:</u> 5.58					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 45012456					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 20					
<u>Test Level:</u> 5.58					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 45010993					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 3					
<u>Test Level:</u> 5.64					
<u>Test Level UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 41147008					
<u>Layer:</u> 1					
<u>Kind Code:</u>					
<u>Kind:</u>					
<u>Water Found Depth:</u> 59.73					
<u>Water Found Depth UOM:</u> m					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 46001174					
<u>Diameter:</u> 22.75					
<u>Depth From:</u> 0					
<u>Depth To:</u> 6.4					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 46001173					
<u>Diameter:</u> 15.39					
<u>Depth From:</u> 6.4					
<u>Depth To:</u> 60.95					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Kanata ON K2K 3H2

Established: 01-SEP-05
Plant Size (ft²): 100
Employment:

--Details--

Description: Electrical Wiring and Construction Supplies Wholesaler-Distributors
SIC/NAICS Code: 416110

Description: Electrical Wiring and Construction Supplies Wholesaler-Distributors
SIC/NAICS Code: 416110

Description: Electronic Components, Navigational and Communications Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417320

32 1 of 1 SW/236.2 108.9 / 12.00 lot 4 con 2 ON WWIS

Well ID: 1532119	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Not Used	Date Received: 7/23/2001
Sec. Water Use:	Selected Flag: Yes
Final Well Status: Abandoned-Other	Abandonment Rec:
Water Type:	Contractor: 4875
Casing Material:	Form Version: 1
Audit No: 221782	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA-CARLETON
Elevation (m):	Municipality: MARCH TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 004
Well Depth:	Concession: 02
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: 10516569	Elevation: 104.563056
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB: _	East83: 427976.2
Code OB Desc: No formation data	North83: 5018423
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 7/18/2001	UTMRC Desc: unknown UTM
Remarks:	Location Method: lot
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:					
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
Pipe Information					
Pipe ID:		11065139			
Casing No:		1			
Comment:					
Alt Name:					
33	1 of 1	SE/142.3	108.4 / 11.55	6301 Campeau Dr Kanata (Ottawa) ON	EHS
Order No:		20070614037		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		CAN - Custom Report		Client Prov/State:	
Report Date:		6/20/2007		Search Radius (km): 0.25	
Date Received:		6/14/2007		X: -75.906807	
Previous Site Name:				Y: 45.314752	
Lot/Building Size:					
Additional Info Ordered:					
34	1 of 1	E/217.3	95.9 / -1.00	Teron Road, Beaverbrook Road, Leacock Drive and Leacock Way Ottawa ON	EHS
Order No:		20110406005		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State: ON	
Report Date:		4/14/2011		Search Radius (km): 0.25	
Date Received:		4/6/2011 8:48:03 AM		X: -75.90218	
Previous Site Name:				Y: 45.322618	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
35	1 of 2	NNE/77.8	98.2 / 1.28	lot 5 con 3 ON	WWIS
Well ID:		1520038		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 10/8/1985	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 3644	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: MARCH TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 005	
Well Depth:				Concession: 03	
Overburden/Bedrock:				Concession Name: CON	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10041888			Elevation:	95.557388
DP2BR:	0			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	428630.6
Code OB Desc:	Bedrock			North83:	5019811
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	8/28/1985			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931043540				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	78				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933108979				
Layer:	1				
Plug From:	0				
Plug To:	10				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10590458				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930073129			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930073130			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991520038			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376699			
Test Type:					
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110317			
Test Type:					
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934655450			
Test Type:					
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934904419			
Test Type:					
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933477176			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933477177			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		73			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933477175			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			

35	2 of 2	NNE/77.8	98.2 / 1.28	lot 5 con 3 ON	WWIS
Well ID:		1521774		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	9/14/1987
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	5222
Casing Material:				Form Version:	1
Audit No:		13953		Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	005
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

Bore Hole ID:	10043590	Elevation:	95.557388
DP2BR:	3	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	428630.6
Code OB Desc:	Bedrock	North83:	5019811
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/6/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931049101
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931049103
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	20
Most Common Material:	QUARTZITE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	26
Formation End Depth:	45
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931049102
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	90

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		VERY			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		3			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933109576			
Layer:		1			
Plug From:		0			
Plug To:		22			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10592160			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930076163			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930076164			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		45			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991521774			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		35			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:		35			
Pumping Rate:		40			
Flowing Rate:					
Recommended Pump Rate:		20			
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:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934107655			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		11			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934391199			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		11			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934910550			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		11			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652900			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		11			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933479469			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		31			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933479470			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
36	1 of 3	SSW/106.5	103.5 / 6.64	RALO Headsets Inc. 7305 Campeau Dr Suite 505 Kanata ON K2K 3M2	SCT
Established:		01-SEP-08			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Wholesale Trade Agents and Brokers			
SIC/NAICS Code:		419120			
Description:		Wholesale Trade Agents and Brokers			
SIC/NAICS Code:		419120			
36	2 of 3	SSW/106.5	103.5 / 6.64	7305 CAMPEAU DRIVE OTTAWA ON	HINC
External File Num:		FS INC 0905-02758			
Fuel Occurrence Type:		Leak			
Date of Occurrence:		5/15/2009			
Fuel Type Involved:		Diesel			
Status Desc:		Completed - No Action Required			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Multi-unit Residential			
Service Interruptions:		No			
Property Damage:		No			
Fuel Life Cycle Stage:		Utilization			
Root Cause:					
Reported Details:		Facility type is not specified.			
Fuel Category:		Liquid Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
36	3 of 3	SSW/106.5	103.5 / 6.64	Homestead Land Holdings Limited 7305 Campeau Drive Kanata ON K2K3M2	GEN
Generator No:		ON8387587		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Cassandra Reister	
MHSW Facility:		No		Phone No Admin: 613-729-4115 Ext.226	
SIC Code:		531111, 531111			
SIC Description:		LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS), LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		114			
Waste Class Desc:		OTHER INORGANIC ACID WASTES			
37	1 of 2	NW/18.2	99.7 / 2.86	Enbridge Energy Distribution Inc. 39 Slade Cr. Ottawa ON	SPL
Ref No:	4134-AFPMPE			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/11/14			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	39 Slade Cr.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/11/14			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	residential<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Enbridge - 1/2" plastic struck by shovel, no locates, safe				
Contaminant Qty:	0 other - see incident description				
37	2 of 2	NW/18.2	99.7 / 2.86	39 SLADE CRESCENT, OTTAWA ON	PINC
Incident ID:				Health Impact:	
Incident No:	1976082			Environment Impact:	
Type:	FS-Pipeline Incident			Property Damage:	No
Status Code:	Pipeline Damage Reason Est			Service Interrupt:	
Fuel Occurrence Tp:				Enforce Policy:	Yes
Fuel Type:				Public Relation:	
Tank Status:	RC Established			Pipeline System:	
Task No:	6436665			Depth:	
Spills Action Centre:				Pipe Material:	
Method Details:	E-mail			PSIG:	
Fuel Category:	Natural Gas			Attribute Category:	FS-Perform P-line Inc Invest
Date of Occurrence:				Regulator Location:	
Occurrence Start Date:	2016/11/23				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	39 SLADE CRESCENT, OTTAWA - PIPELINE HIT - 1/2"				
Reported By:	Ryan Noble - ENBRIDGE				
Affiliation:					
Occurrence Desc:					
Damage Reason:	Facility was not located or marked				
Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	1 of 1	SSE/186.4	105.2 / 8.28	6301 Campeau Drive Kanata ON K2K 3E9	EHS
Order No:	20190517224			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	27-MAY-19			Search Radius (km):	.25
Date Received:	17-MAY-19			X:	-75.909045
Previous Site Name:				Y:	45.313586
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	WNW/115.7	104.6 / 7.69	ON	BORE
Borehole ID:	609725			Inclin FLG:	No
OGF ID:	215511340			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.325492
Total Depth m:	-999			Longitude DD:	-75.921162
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	427811
Drill Method:				Northing:	5019522
Orig Ground Elev m:	106			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	104				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218383918			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218383919			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Slate			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SLATE. E. GREY. 00152FIED. SEISMIC VELOCITY = 4800. BEDROCK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 022330 NTS_Sheet: 31G05D				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

<u>40</u>	1 of 3	WNW/207.7	105.1 / 8.25	lot 6 con 2 ON	WWIS
Well ID:	1503303			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/25/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1603
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	02
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:	10025346	Elevation:	106.178657
DP2BR:	1	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	427750.6
Code OB Desc:	Bedrock	North83:	5019452
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	3/15/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		930996520			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930996521			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		84			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573916			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930043446			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930043445					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 6					
Casing Diameter: 2					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991503303					
Pump Set At:					
Static Level: 3					
Final Level After Pumping: 30					
Recommended Pump Depth: 30					
Pumping Rate: 4					
Flowing Rate:					
Recommended Pump Rate: 4					
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: N					
<u>Water Details</u>					
Water ID: 933456193					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 84					
Water Found Depth UOM: ft					

40	2 of 3	WNW/207.7	105.1 / 8.25	lot 6 con 2 ON	WWIS
Well ID: 1503304				Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use: Domestic				Date Received: 12/3/1963	
Sec. Water Use: 0				Selected Flag: Yes	
Final Well Status: Water Supply				Abandonment Rec:	
Water Type:				Contractor: 1603	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: MARCH TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 006	
Well Depth:				Concession: 02	
Overburden/Bedrock:				Concession Name: CON	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10025347			Elevation:	106.178657
DP2BR:	0			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	427750.6
Code OB Desc:	Bedrock			North83:	5019452
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/20/1963			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930996522				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	77				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10573917				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930043447				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	10				
Casing Diameter:	2				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930043448			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		77			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503304			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:		25			
Recommended Pump Depth:		25			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
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:		N			
<u>Water Details</u>					
Water ID:		933456194			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		77			
Water Found Depth UOM:		ft			
40	3 of 3	WNW/207.7	105.1 / 8.25	lot 6 con 2 ON	WWIS
Well ID:	1503305			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/19/1965
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	006
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

Bore Hole ID:	10025348	Elevation:	106.178657
DP2BR:	3	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	427750.6
Code OB Desc:	Bedrock	North83:	5019452
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/14/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930996524
Layer:	2
Color:	
General Color:	
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	106
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930996523
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Method of Construction & Well

Use

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

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe ID: 10573918
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930043449
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930043450
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 106
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991503305
Pump Set At:
Static Level: 23
Final Level After Pumping: 60
Recommended Pump Depth: 80
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
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: N

Water Details

Water ID: 933456195
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 105
Water Found Depth UOM: ft

41	1 of 1	SSW/139.2	102.0 / 5.12	7307 CAMPEAU DRIVE OTTAWA ON	HINC
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External File Num: FS INC 0905-02759

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fuel Occurrence Type: Leak Date of Occurrence: 5/15/2009 Fuel Type Involved: Diesel Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Multi-unit Residential Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Reported Details: Facility type is not specified. Fuel Category: Liquid Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
42	1 of 1	SE/211.3	110.0 / 13.11	6301 Campeau Drive Kanata ON	EHS
Order No: 20190610091 Status: C Report Type: Custom Report Report Date: 11-JUN-19 Date Received: 10-JUN-19 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): X: Y:					
43	1 of 1	NNW/72.8	97.8 / 0.96	26 SLADE CRESCENT OTTAWA ON	HINC
External File Num: FS INC 0810-06274 Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause: Reported Details: Fuel Category: Unknown Occurrence Type: Near-miss Affiliation: Emergency Services (Fire, Police,etc) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
44	1 of 1	NNW/75.2	97.8 / 0.92	26 SLADE CRESCENT KANATA ON K2K 2L1	HINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>External File Num: FS INC 0711-06740</p> <p>Fuel Occurrence Type:</p> <p>Date of Occurrence:</p> <p>Fuel Type Involved:</p> <p>Status Desc: Completed - No Action Required</p> <p>Job Type Desc: Incident/Near-Miss Occurrence (FS)</p> <p>Oper. Type Involved:</p> <p>Service Interruptions:</p> <p>Property Damage:</p> <p>Fuel Life Cycle Stage:</p> <p>Root Cause:</p> <p>Reported Details: Mike Goldberg reports that CO was traced to an idling car in garage. Job is non-mandated.</p> <p>Fuel Category: Unknown</p> <p>Occurrence Type: Near-miss</p> <p>Affiliation: Emergency Services (Fire, Police,etc)</p> <p>County Name: Ottawa</p> <p>Approx. Quant. Rel:</p> <p>Nearby body of water:</p> <p>Enter Drainage Syst.:</p> <p>Approx. Quant. Unit:</p> <p>Environmental Impact:</p>					
45	1 of 2	ESE/205.7	102.2 / 5.31	Bayview Kanata Holdings Ltd. 1100 Canadian Shield Ave Ottawa ON M5G 1R3	ECA
<p>Approval No: 3833-AF3G4G</p> <p>Approval Date: 2016-11-03</p> <p>Status: Revoked and/or Replaced</p> <p>Record Type: ECA</p> <p>Link Source: IDS</p> <p>SWP Area Name:</p> <p>Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Address: 1100 Canadian Shield Ave</p> <p>Full Address:</p> <p>Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7951-AEVH8E-14.pdf</p>					
45	2 of 2	ESE/205.7	102.2 / 5.31	Bayview Kanata Holdings Ltd., as general partner for and on behalf of Bayview Kanata Holdings Limited Partnership, the partnership under the laws of Ontario, and includes its successors and assignees 1100 Canadian Shield Ave, Ottawa ON M5G 1R3	ECA
<p>Approval No: 8457-BBCKVY</p> <p>Approval Date: 2019-05-12</p> <p>Status: Approved</p> <p>Record Type: ECA</p> <p>Link Source: IDS</p> <p>SWP Area Name: Mississippi Valley</p> <p>Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p>Address: 1100 Canadian Shield Ave</p> <p>Full Address:</p> <p>Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3736-B7FLFD-14.pdf</p>					
46	1 of 1	ESE/198.8	100.8 / 3.97	Parcel of Land Kanata ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20080529001			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	6/6/2008			Search Radius (km):	0.25
Date Received:	5/29/2008			X:	-75.902419
Previous Site Name:				Y:	45.315968
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans				

47	1 of 1	E/164.9	98.9 / 2.00	lot 3 con 3 ON	WWIS
Well ID:	1519885			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/18/1985
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5222
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	003
Well Depth:				Concession:	03
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:	10041738	Elevation:	97.469444
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	h	East83:	429456.6
Code OB Desc:	Mixed in a Layer	North83:	5018894
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	5/19/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931043056
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		90			
Other Materials:		VERY			
Formation Top Depth:		28			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043055			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Other Materials:		MEDIUM-GRAINED			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		3			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043054			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		26			
Other Materials:		ROCK			
Mat3:		71			
Other Materials:		FRACTURED			
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933108932			
Layer:		1			
Plug From:		0			
Plug To:		22			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10590308			
Casing No:		1			
Comment:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930072869			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		38			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930072868			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		22			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991519885			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8			
<i>Final Level After Pumping:</i>		15			
<i>Recommended Pump Depth:</i>		15			
<i>Pumping Rate:</i>		20			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		10			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934376143			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		15			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934654333			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		15			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934109759			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895230			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933476983			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933476982			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28			
Water Found Depth UOM:		ft			

48	1 of 1	E/168.7	98.9 / 2.00	Urbandale Corporation Ottawa ON K1G 2H5	ECA
Approval No:	1087-4SZRC5			MOE District:	Ottawa
Approval Date:	2001-01-15			City:	
Status:	Approved			Longitude:	-75.9
Record Type:	ECA			Latitude:	45.32
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Address:					
Full Address:					
Full PDF Link:					

49	1 of 1	ESE/134.1	99.9 / 3.00	3501 Campeau Drive Kanata ON K2K 0C1	EHS
Order No:	20070821041			Nearest Intersection:	Knudson Drive
Status:	C			Municipality:	Ottawa-Carleton
Report Type:	CAN - Complete Report			Client Prov/State:	
Report Date:	8/30/2007			Search Radius (km):	0.25
Date Received:	8/21/2007			X:	-75.900761
Previous Site Name:				Y:	45.316587
Lot/Building Size:	3000 m2				
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	1 of 2	SSW/247.8	98.1 / 1.25	@HOME Inc. 400 Earl Grey Dr Unit B11 Kanata ON K2T 1B9	SCT
Established:		01-AUG-06			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Pottery, Ceramics and Plumbing Fixture Manufacturing			
SIC/NAICS Code:		327110			
Description:		All Other Plastic Product Manufacturing			
SIC/NAICS Code:		326198			
Description:		All Other Plastic Product Manufacturing			
SIC/NAICS Code:		326198			
Description:		All Other Miscellaneous Manufacturing			
SIC/NAICS Code:		339990			
50	2 of 2	SSW/247.8	98.1 / 1.25	400 Earl Grey Dr. Ottawa ON	SPL
Ref No:		7117-7TKKVN		Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Pipe Or Hose Leak		Sector Type: Transport Truck	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:		HYDRAULIC OIL		Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		Confirmed		Site Municipality: Ottawa	
Nature of Impact:		Soil Contamination		Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:		No Field Response		Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		7/2/2009		Site Map Datum:	
Dt Document Closed:				SAC Action Class: Land Spills	
Incident Reason:				Source Type:	
Site Name:		Centrum Plaza<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		Godmaire: 250 L hydraulic fluid to parking lot, cleaned			
Contaminant Qty:		250 L			
51	1 of 8	SSW/247.4	99.0 / 2.09	SensorNetics Inc. 300 Earl Grey Dr Unit 11 Suite 308 Kanata ON K2T 1B8	SCT
Established:		2004			
Plant Size (ft²):		1000			
Employment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Aerospace Product and Parts Manufacturing			
SIC/NAICS Code:		336410			
51	2 of 8	SSW/247.4	99.0 / 2.09	SensorNetics Inc. 300 Earl Grey Dr Unit 11 Suite 308 Ottawa ON K2T 1C1	SCT
Established:		01-JUN-04			
Plant Size (ft²):		1000			
Employment:					
--Details--					
Description:		Aerospace Product and Parts Manufacturing			
SIC/NAICS Code:		336410			
51	3 of 8	SSW/247.4	99.0 / 2.09	Parson Refrigeration (1985) Ltd. 300 Earl Gray Drive Kanata Ottawa ON	SPL
Ref No:		7157-85ZGGN		Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		Discharge or Emission to Air		Sector Type: Other	
Incident Event:				Agency Involved:	
Contaminant Code:		38		Nearest Watercourse:	
Contaminant Name:		REFRIGERANT GAS, N.O.S.		Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		Not Anticipated		Site Municipality:	
Nature of Impact:		Air Pollution		Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:		No Field Response		Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		6/1/2010		Site Map Datum:	
Dt Document Closed:		6/10/2010		SAC Action Class: Air Spills - Gases and Vapours	
Incident Reason:		Equipment Failure - Malfunction of system components		Source Type:	
Site Name:		Loblaws Store #114<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		Loblaws store 114: 135kg to atm			
Contaminant Qty:		135 kg			
51	4 of 8	SSW/247.4	99.0 / 2.09	Ghamian & Khoury Professional Corp 300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	GEN
Generator No:		ON7627007		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Habib Khoury	
MHSW Facility:		No		Phone No Admin: 6135995076 Ext.	
SIC Code:		446199			
SIC Description:		ALL OTHER HEALTH AND PERSONAL CARE STORES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
51	5 of 8	SSW/247.4	99.0 / 2.09	Ghamian & Khoury Professional Corp 300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	GEN
Generator No:		ON7627007		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Habib Khoury	
MHSW Facility:		No		Phone No Admin: 6135995076 Ext.	
SIC Code:		446199			
SIC Description:		ALL OTHER HEALTH AND PERSONAL CARE STORES			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
51	6 of 8	SSW/247.4	99.0 / 2.09	Ghamian & Khoury Professional Corp 300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	GEN
Generator No:		ON7627007		PO Box No:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: Habib Khoury	
MHSW Facility:		No		Phone No Admin: 6135995076 Ext.	
SIC Code:		446199			
SIC Description:		ALL OTHER HEALTH AND PERSONAL CARE STORES			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
51	7 of 8	SSW/247.4	99.0 / 2.09	Ghamian & Khoury Professional Corp 300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	GEN
Generator No:		ON7627007		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2018		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
51	8 of 8	SSW/247.4	99.0 / 2.09	Ghamian & Khoury Professional Corp 300 Earl Grey Drive Unit # 9 Kanata ON K2T 1B9	GEN
Generator No:	ON7627007			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
52	1 of 1	NW/138.6	99.9 / 3.03	GENSTAR DEVELOPMENT CO. (ONT.) LTD. WALDEN DRIVE/BURGER GATE KANATA CITY ON	CA
Certificate #:	7-0311-99-				
Application Year:	99				
Issue Date:	5/18/1999				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
53	1 of 2	ESE/102.5	98.9 / 2.00	CAMPEAU CORPORATION EXT. W. OF KNUDSON D CAMPEAU DR./KNUDSON DR. KANATA CITY ON	CA
Certificate #:	3-2058-89-				
Application Year:	89				
Issue Date:	10/19/1989				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Emission Control:					
53	2 of 2	ESE/102.5	98.9 / 2.00	CAMPEAU CORPORATION EXT. W. OF KNUDSON D CAMPEAU DR/KNUDSON DR. KANATA CITY ON	CA
Certificate #:		7-1711-89-			
Application Year:		89			
Issue Date:		10/19/1989			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
54	1 of 5	WNW/179.0	102.1 / 5.24	Conseil des ecoles catholiques du Centre-Est 100, pr. Walden Kanata ON K2K 0G8	GEN
Generator No:	ON8356299			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Maryse ml Lafrance
MHSW Facility:	No			Phone No Admin:	613-746-3107 Ext.2
SIC Code:	611690				
SIC Description:	ALL OTHER SCHOOLS AND INSTRUCTION				
Detail(s)					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
54	2 of 5	WNW/179.0	102.1 / 5.24	Conseil des ecoles catholiques du Centre-Est 100, pr. Walden Kanata ON K2K 0G8	GEN
Generator No:	ON8356299			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Christiane BÚlanger

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 611690			Phone No Admin: 613-746-3107 Ext.2 ALL OTHER SCHOOLS AND INSTRUCTION	
Detail(s)					
Waste Class: Waste Class Desc:		145		PAINT/PIGMENT/COATING RESIDUES	
Waste Class: Waste Class Desc:		112		ACID WASTE - HEAVY METALS	
Waste Class: Waste Class Desc:		146		OTHER SPECIFIED INORGANICS	
Waste Class: Waste Class Desc:		122		ALKALINE WASTES - OTHER METALS	
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		121		ALKALINE WASTES - HEAVY METALS	

54	3 of 5	WNW/179.0	102.1 / 5.24	Conseil des ecoles catholiques du Centre-Est 100, pr. Walden Kanata ON K2K 0G8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON8356299 No 2014 No No 611690			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Christiane BÜlanger 613-746-3107 Ext.2
Detail(s)					
Waste Class: Waste Class Desc:		145		PAINT/PIGMENT/COATING RESIDUES	
Waste Class: Waste Class Desc:		122		ALKALINE WASTES - OTHER METALS	
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		121		ALKALINE WASTES - HEAVY METALS	
Waste Class: Waste Class Desc:		146		OTHER SPECIFIED INORGANICS	
Waste Class: Waste Class Desc:		112		ACID WASTE - HEAVY METALS	

54	4 of 5	WNW/179.0	102.1 / 5.24	Conseil des ecoles catholiques du Centre-Est CECCE 100, pr. Walden Kanata ON K2K 0G8	GEN
Generator No: Status:	ON8356299 Registered			PO Box No: Country:	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

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

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

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 263 L
Waste Class Desc: Misc. waste organic chemicals

54	5 of 5	WNW/179.0	102.1 / 5.24	Conseil des ecoles catholiques du Centre-Est CECCE 100, pr. Walden Kanata ON K2K 0G8	GEN
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Generator No: ON8356299
Status: Registered
Approval Years: As of Oct 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

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

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

Waste Class: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

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

Waste Class: 263 L
Waste Class Desc: Misc. waste organic chemicals

55	1 of 1	ESE/166.3	99.1 / 2.24	Maritime Way Ottawa ON	EHS
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Order No: 20150114095
Nearest Intersection:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Standard Report Report Date: 21-JAN-15 Date Received: 14-JAN-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Municipality: Client Prov/State: ON Search Radius (km): .25 X: -87.520568 Y: 41.493776					
56	1 of 1	WNW/223.7	102.2 / 5.31	100 Walden Drive Kanata (Ottawa) ON	EHS
Order No: 20100324011 Status: C Report Type: Standard Report Report Date: 4/1/2010 Date Received: 3/24/2010 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.922957 Y: 45.327319					
57	1 of 1	N/243.2	98.9 / 2.00	Francis Fuels<UNOFFICIAL> 7 Carmichael Court, Kanata Ottawa ON	SPL
Ref No: 0621-6F5H8E Site No: Incident Dt: 8/9/2005 Year: Incident Cause: Other Discharges Incident Event: Contaminant Code: Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Land Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 8/10/2005 Dt Document Closed: Incident Reason: Site Name: On Road<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Francis Fuels: heating oil to asphalt Contaminant Qty: Unknown L					
Discharger Report: 0 Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: Site District Office: Ottawa Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Spills to Land Source Type:					
58	1 of 1	N/245.4	100.0 / 3.08	4 Carmichael Court, Kanata Ottawa ON	SPL
Ref No: 4763-9DDUD8 Site No: Incident Dt: 2013/11/05 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 13					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Pipeline/Components Agency Involved: Nearest Watercourse:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	FURNACE OIL Not Anticipated Soil Contamination 2013/11/12 Operator/Human Error Condominium Association<UNOFFICIAL>	E/249.0 TSSA - <3L furnace oil to parking lot, cld 3 L	97.9 / 1.00	Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	4 Carmichael Court, Kanata Ottawa TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	

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1 of 1

E/249.0

97.9 / 1.00

City of Ottawa
2600 Campeau Dr
Ottawa ON K2G 6J8

ECA

Approval No: 2942-76ZMT9
Approval Date: 2007-09-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: 2600 Campeau Dr
Full Address:
Full PDF Link:

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

Unplottable Summary

Total: **124** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 6 Con 3	Kanata ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Rideau Forest Development Ltd.	Part of Lot 5, Concession 3, Geographic Township of Osgoode	Ottawa ON	
CA	1250353 Ontario Limited	Part of Lot 6, Concession 2 and 3, Rideau	Ottawa ON	
CA	1374421 Ontario Ltd.	North Part of Lot 6, Concession III	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Longwood Building Corporation	Part of Lot 6, Between Concession 2 & 3	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	First Capital Asset Management ULC	Part of Lot 6, Concession 2 Reference Plan 4R-22210	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	TEGA Developments Inc.	Kanata Ave	Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	
CA	Urbandale Corporation		Ottawa ON	

CA	Urbandale Corporation		Ottawa ON
CA		Lot 6, Concession 2 & 3 Walden Drive	Ottawa ON
CA		Lot 6, Concession 2 & 3 Walden Drive	Ottawa ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA		Lot 6, Concession 2 and 3	Ottawa ON
CA		Lot 6, Concession 2 & 3, Walden Drive	Ottawa ON
CA		Lot 6, Concession 2 & 3, Walden Drive	Ottawa ON
CA		Walden Drive	Kanata ON
CA		Part Lots 4 & 5, Concession 2, Macassa Circle	Kanata ON
CA		Part Lots 4 & 5, Concession 2, Macassa Circle	Kanata ON
CA		Walden Drive	Kanata ON
CA		Part Lots 4 & 5, Concession 2, Macassa Circle	Kanata ON
CA		Goldridge Dr, Stikine Dr, St No. 1, Maricono Way, Keno Way, Tanmount Way Easement Pt lots 4,5, con 1, Pt lots 4,5, con2;	Ottawa ON
CA		Kanata Avenue	Ottawa ON
CA		Campeau Drive	Kanata ON
CA	Riverside Gate Condominiums	Part of Lot 3, Concession 2	Ottawa ON
CA	IMASCO ENTERPRISES INC.	EASEMENT BLK.54/KENINS CRES.	KANATA CITY ON
CA	IMASCO ENTERPRISES INC.	EASEMENT BLK.54/KENINS CRES.	KANATA CITY ON
CA	GENSTAR DEV. CO. EASTERN LTD.	WALDEN RIDGE SUB.,PT.LOTS 6&7	KANATA CITY ON
CA	IMPERIAL OIL LIMITED	LOT 3, CONC. 2, GAS STATION	KANATA CITY ON
CA	GENSTAR DEVELOPMENT CO. (ONT.) LTD.	WALDEN RIDGE, PT.LOTS 6&7/C-3	KANATA CITY ON

CA	URBANDALE CORPORATION	PT.LOT 2/C-3, KANATA T. CENTRE	KANATA CITY ON
CA	GILPAUL INVESTMENTS LIMITED	CAMPEAU DR., BUSINESS DEPOT	KANATA CITY ON
CA	URBANDALE CORPORATION	PT.LOT 2/CON.3, TOWN CENTRE	KANATA CITY ON
CA	HODDINOTT HOLDINGS LTD.	PART LOT 3 CONC 2	KANATA CITY ON
CA	URBANDALE CORPORATION	EASE.STS.A&C/KANATA TOWN CTRE.	KANATA ON
CA	KANATA CITY	CASTLEFRANK RD/CAMPEAU DR.	KANATA ON
CA	GENSTAR DEVELOPMENT COMPANY -CASTLEFRANK	CASTLEFRANK RD/KNUDSON DR.	KANATA CITY ON
CA	GENSTAR DEVELOPMENT COMPANY	MARCHWOOD/LAKESIDE CLUSTER 3	KANATA CITY ON
CA	GENSTAR DEV.CO. EASTERN LTD.-PT.LOTS 4&5	SHERRING CRES./CASTLEFRANK RD.	KANATA CITY ON
CA	GARFORD LTD. AND NOTLAW LTD.	GOLDRIDGE DR./SIGNATURE RIDGE	KANATA CITY ON
CA	CAMPEAU CORPORATION MARCHWOOD/LAKESIDE	KNUDSON DR. CLUSTER 2	KANATA CITY ON
CA	CAMPEAU CORPORATION	WESLOCK WAY	KANATA CITY ON
CA	GENSTAR DEV. CO. EASTERN LTD.	KANATA LAKES PHASE III SOUTH	KANATA CITY ON
CA	PENEX KANATA LIMITED	CASTLEFRANK RD/CAMPEAU DR.	KANATA CITY ON
CA	PENEX KANATA LIMITED	LOT 3/CON.2, KANATA CENTRUM	KANATA CITY ON
CA	GILPAUL INVESTMENTS LIMITED	PT.LOT 3/CON.2,CAMPEAU DR.,SWM	KANATA CITY ON
CA	GENSTAR DEV. CO.-PT.LOTS 4&5/CONC.2	GOLDRIDGE DR./CASTLEFRANK RD.	KANATA CITY ON
CA	GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR	CAMPEAU DR.EXTENSION PH. II	KANATA CITY ON
CA	GENSTAR DEVELOPMENT CO.	WINDEYER CRESCENT	KANATA CITY ON
CA	CHELLO HOMES INC. CHELLO HOMES TOWNHOUSE	KNUDSON DR.	KANATA CITY ON
CA	CAMPEAU CORPORATION	CAMPEAU DR.	KANATA CITY ON
CA	KANATA CITY	BEAVERBROOK RD.	KANATA CITY ON

CA	GENSTAR DEV.CO. EASTERN LTD.-PT.LOTS 4&5	SHERRING CRES./CASTLEFRANK RD.	KANATA CITY ON	
CA	GENSTAR DEV.CO. (ONT.) LTD.-LOT 5/CONC.2	LANGFORD CRESCENT	KANATA CITY ON	
CA	GENSTAR DEV. CO.-PT.LOTS 4&5, CONC. 2	GOLDRIDGE DR./CASTLEFRANK RD.	KANATA CITY ON	
CA	GENSTAR DEVELOP. CO. - PT. LOTS 4&5/CON.2	KANATA LAKES SUBD-CLUSTER 4	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT CO. -CLUSTER 6	STORWMATER MANAGEMENT POND 3	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY -CASTLEFRANK	CASTLEFRANK RD/KNUDSON DR.	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.	CAMPEAU DR. EXTENSION PH. II	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT CO.	WINDEYER CRES.	KANATA CITY ON	
CA	GARFORD LTD. AND NOTLAW LTD.	GOLDRIDGE DR./SIGNATURE RIDGE	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT CO. MARCHWOOD/LAKESI	KNUDSON DR. CLUSTER B	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY	MARCHWOOD/LAKESIDE CLUSTER 3	KANATA CITY ON	
CA	URBANDALE REALTY CORP. LTD.	BRIDLEWOOD (URBANDALE) PH.IIID	KANATA CITY ON	
CA	CAMPEAU CORPORATION EASEMENT	CAMPEAU DR. CLUSTER 2	KANATA CITY ON	
CA	CHELLO HOMES INC.	PRIVATE STREET KNUDSON DR.	KANATA CITY ON	
CA	URBANDALE REALTY CORP. LTD.	HUNTINGS END BRIDLEWOOD PH.IIB	KANATA CITY ON	
CA	CAMPEAU CORPORATION MARCHWOOD/LAKESIDE	KNUDSON DR. CLUSTER 2	KANATA CITY ON	
CA	CAMPEAU CORPORATION	WESLOCK WAY	KANATA CITY ON	
CA	MARC PAVIC	LEACOCK DR.	KANATA CITY ON	
CA	KANATA CITY	LOT 4, CONC. 2	KANATA CITY ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
EBR	Goulbourn-Stittsville Sanitation Limited	Lot 6, Conc. 2 CITY OF OTTAWA	ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	M2N 6Y2

ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	City of Ottawa	Campeau Dr	Ottawa ON	K2G 6J8
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	City of Ottawa	Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road	Ottawa ON	K1P 1J1
ECA	Conseil des Ecoles Catholiques du Centre-Est		Ottawa ON	K1J 1A1
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
ECA	Urbandale Corporation		Ottawa ON	K1G 2H5
EXP	SUPERIOR PROPANE INC	LOT 2 CON 3	NEPEAN TWP OTTAWA ON	M1E 2N4
GEN	TEXACO (SEE & USE ON1315709)	PL M108, PTBL. A, RIVERSIDE PARK SOUTH	OTTAWA ON	K1S 2R8
GEN	TEXACO (SEE & USE ON1315709) 37-318	PL M108, PTBL. A, RIVERSIDE PARK SOUTH	OTTAWA ON	K1S 2R8
GEN	TEXACO (SEE & USE ON1315710)	LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE.	OTTAWA ON	K1G 3K4
GEN	KANATA HYDRO ELECTRIC COMMISSION	KANATA M.S REANEY COURT, LOT 3 CONC 3	KANATA ON	K2K 1X4
GEN	KANATA HYDRO-ELECTRIC COMMISSION	KANATA M.S., REANEY COURT LOT 3, CONCESSION 3	KANATA ON	
GEN	GENSTAR DEVELOPMENT COMPANY	KANATA LAKES LT 3, CONC. 3, KANATA C/O 1130 MORRISON DR.	OTTAWA ON	K2H 9N6
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2
GEN	TEXACO (SEE & USE ON1315710) 37-319	LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE.	OTTAWA ON	K1G 3K4
PRT	MINISTRY OF TRANSPORTATION	LOT 3 CON 2	MARCH TWP ON	
PTTW	Ottawa Hunt & Golf Club Limited	Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA	ON	

PTTW	Clublink Capital Corporation	The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata) Kanata	ON
PTTW	Ottawa Hunt and Golf Club, Limited	Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA	ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	TEXACO	BULK PLANT BULK STATION	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SET CONSTRUCTION LTD.	KNUDSON DROVE RR #1 MOODIE DR. NEPEAN	KANATA CITY ON
SPL	ONTARIO HYDRO	LOT 5 CONC 2 HUNTLEY TWP. TRANSFORMER	OTTAWA-CARLETON R. M. ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	FRANCIS FUELS	LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO)	OTTAWA-CARLETON R. M. ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
WWIS		lot 4 con 2	ON

Unplottable Report

Site: Lot 6 Con 3 Kanata ON

Database:
AAGR

Type: Quarry
Region/County: Ottawa-Carleton
Township: Kanata
Concession: 3
Lot: 6
Size (ha): 2.25
Landuse:
Comments:

Site: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 8787-5YQRUU
Application Year: 2004
Issue Date: 5/10/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 8145-7TYK8L
Application Year: 2009
Issue Date: 7/17/2009
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: Rideau Forest Development Ltd.
Part of Lot 5, Concession 3, Geographic Township of Osgoode Ottawa ON

Database:
CA

Certificate #: 9805-6HWMA9
Application Year: 2005
Issue Date: 11/16/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

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

Site: 1250353 Ontario Limited
Part of Lot 6, Concession 2 and 3, Rideau Ottawa ON

Database:
CA

Certificate #: 9386-674PJH
Application Year: 2004
Issue Date: 12/16/2004
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1374421 Ontario Ltd.
North Part of Lot 6, Concession III Ottawa ON

Database:
CA

Certificate #: 7248-6M3NHQ
Application Year: 2006
Issue Date: 2/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 6829-6Y7RQX
Application Year: 2007
Issue Date: 2/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Longwood Building Corporation
Part of Lot 6, Between Concession 2 & 3 Ottawa ON

Database:
CA

Certificate #: 6229-6EQGQE
Application Year: 2005
Issue Date: 7/28/2005
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: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 5942-6BWPUR
Application Year: 2005
Issue Date: 5/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *First Capital Asset Management ULC
Part of Lot 6, Concession 2 Reference Plan 4R-22210 Ottawa ON*

Database:
CA

Certificate #: 3855-7WYQYJ
Application Year: 2009
Issue Date: 10/20/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Urbandale Corporation
Ottawa ON*

Database:
CA

Certificate #: 3681-7QWNNY
Application Year: 2009
Issue Date: 4/9/2009
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: TEGA Developments Inc.
Kanata Ave Ottawa ON

Database:
CA

Certificate #: 3400-7RJJW8
Application Year: 2009
Issue Date: 5/1/2009
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: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 2869-6KVTJC
Application Year: 2006
Issue Date: 1/12/2006
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: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 2169-5WVM7Y
Application Year: 2004
Issue Date: 3/12/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Urbandale Corporation
Ottawa ON

Database:
CA

Certificate #: 2160-765JJX
Application Year: 2007
Issue Date: 8/16/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:

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

Site: **Urbandale Corporation**
Ottawa ON

Database:
CA

Certificate #: 1998-6Y7KJ9
Application Year: 2007
Issue Date: 2/12/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Urbandale Corporation**
Ottawa ON

Database:
CA

Certificate #: 1712-6N6RR7
Application Year: 2006
Issue Date: 3/27/2006
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: **Urbandale Corporation**
Ottawa ON

Database:
CA

Certificate #: 1130-6BLHGE
Application Year: 2005
Issue Date: 4/21/2005
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: **Urbandale Corporation**
Ottawa ON

Database:
CA

Certificate #: 1830-6H3P2S

Application Year: 2005
Issue Date: 10/14/2005
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: Lot 6, Concession 2 & 3 Walden Drive Ottawa ON

Database:
CA

Certificate #: 4825-4WEQC9
Application Year: 01
Issue Date: 5/14/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: watermains to be constructed on Easements between Lots 54 & 55, and on Block 74 between Lots 57 & 58
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 & 3 Walden Drive Ottawa ON

Database:
CA

Certificate #: 1072-4PSK5W
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Notice
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: The name of the Company has been changed from Genstar Development Company Limited to KNL Developments Inc.
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 and 3 Ottawa ON

Database:
CA

Certificate #: 1760-4W5ML6
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Watermains to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 and 3 Ottawa ON

Database:
CA

Certificate #: 5772-4W5M6D
Application Year: 01
Issue Date: 4/25/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Storm and sanitary sewers to be constructed on Witherspoon Crescent
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 and 3 Ottawa ON

Database:
CA

Certificate #: 6816-54HQ5P
Application Year: 01
Issue Date: 11/16/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Sanitary Sewers including appurtenances from approximately 50m west of Ironside Court to the Goulbourn Forced Road to serve the Kanata Lakes Subdivision, City of Ottawa
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 & 3, Walden Drive Ottawa ON

Database:
CA

Certificate #: 8868-4WEQWK
Application Year: 01
Issue Date: 5/14/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: Sanitary sewers to be constructed on Charlesworth Lane and Walden Drive
Contaminants:
Emission Control:

Site: Lot 6, Concession 2 & 3, Walden Drive Ottawa ON

Database:
CA

Certificate #: 4305-4PSJNT
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice

Client Name: KNL Developments Inc.
Client Address: 222 Somerset Street West, Suite 300
Client City: Ottawa
Client Postal Code: K2P 2G3
Project Description: The name of the Company has been changed from Genstar Development Company Limited to KNL Developments Inc.
Contaminants:
Emission Control:

Site: *Walden Drive Kanata ON*

Database:
CA

Certificate #: 1072-4PSK5W
Application Year: 00
Issue Date: 10/4/00
Approval Type: Municipal & Private water
Status: Amended
Application Type: New Certificate of Approval
Client Name: Genstar Development Company Limited
Client Address: 235 Stafford Road West
Client City: Nepean
Client Postal Code: K2H 9C1
Project Description: Construction of watermains on Street No.s 1 & 2
Contaminants:
Emission Control:

Site: *Part Lots 4 & 5, Concession 2, Macassa Circle Kanata ON*

Database:
CA

Certificate #: 1550-4HLMCQ
Application Year: 00
Issue Date: 3/22/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Imasco Enterprises Inc.
Client Address: 235 Stafford Road West, Unit #105
Client City: Nepean
Client Postal Code: K2H 9C1
Project Description: Install watermains on Macassa Circle west of Castlefrank Drive
Contaminants:
Emission Control:

Site: *Part Lots 4 & 5, Concession 2, Macassa Circle Kanata ON*

Database:
CA

Certificate #: 5714-4MUQ7L
Application Year: 00
Issue Date: 8/8/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Genstar Development Company Limited
Client Address: 235 Stafford Road West
Client City: Nepean
Client Postal Code: K2H 9C1
Project Description: Watermain on Macassa Circle
Contaminants:
Emission Control:

Site: *Walden Drive Kanata ON*

Database:
CA

Certificate #: 4305-4PSJNT
Application Year: 00
Issue Date: 10/4/00
Approval Type: Municipal & Private sewage
Status: Amended
Application Type: New Certificate of Approval
Client Name: Genstar Development Company Limited
Client Address: 235 Stafford Road West
Client City: Nepean
Client Postal Code: K2H 9C1
Project Description: Construction of storm and sanitary sewers on Walden Drive, Street Nos. 1 & 2
Contaminants:
Emission Control:

Site: Part Lots 4 & 5, Concession 2, Macassa Circle Kanata ON

Database:
CA

Certificate #: 7866-4HLLCP
Application Year: 00
Issue Date: 3/22/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Imasco Enterprises Inc.
Client Address: 235 Stafford Road West, Unit #105
Client City: Nepean
Client Postal Code: K2H 9C1
Project Description: This application is for the installation of storm and sanitary sewers on an easement between lots 43 & 44, from Macassa Circle (west leg) to the former Goulbourn Forced Road.
Contaminants:
Emission Control:

Site: Goldridge Dr, Stikine Dr, St No. 1, Maricon Way, Keno Way, Tanmount Way Easement Pt lots 4,5, con 1, Pt lots 4,5, con2; Ottawa ON

Database:
CA

Certificate #: 6115-4X6KDR
Application Year: 01
Issue Date: 6/13/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Signature Ridge Developments Inc.
Client Address: 111 Colonnade Road North
Client City: Nepean
Client Postal Code: K2E 7M3
Project Description: Installation of Storm Sewers
Contaminants:
Emission Control:

Site: Kanata Avenue Ottawa ON

Database:
CA

Certificate #: 3692-5CKGW5
Application Year: 02
Issue Date: 8/2/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1

Project Description: Approval is sought for the construction of storm sewers on Kanata Avenue.
Contaminants:
Emission Control:

Site: **Campeau Drive Kanata ON**

Database:
CA

Certificate #: 1087-4SZRC5
Application Year: 01
Issue Date: 1/15/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Construction of a watermain on Campeau Drive for the Village Green Subdivision
Contaminants:
Emission Control:

Site: **Riverside Gate Condominiums
Part of Lot 3, Concession 2 Ottawa ON**

Database:
CA

Certificate #: 4856-52WSMF
Application Year: 01
Issue Date: 9/27/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: Ottawa
Client Postal Code: K1G 2H5
Project Description: Watermain construction on Nelligan Lane and Old Riverside Drive.
Contaminants:
Emission Control:

Site: **IMASCO ENTERPRISES INC.
EASEMENT BLK.54/KENINS CRES. KANATA CITY ON**

Database:
CA

Certificate #: 7-0837-99-
Application Year: 99
Issue Date: 10/21/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **IMASCO ENTERPRISES INC.
EASEMENT BLK.54/KENINS CRES. KANATA CITY ON**

Database:
CA

Certificate #: 3-1223-99-
Application Year: 99
Issue Date: 10/22/1999
Approval Type: Municipal sewage

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

Site: GENSTAR DEV. CO. EASTERN LTD.
WALDEN RIDGE SUB.,PT.LOTS 6&7 KANATA CITY ON

Database:
CA

Certificate #: 3-0697-99-
Application Year: 99
Issue Date: 10/18/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: IMPERIAL OIL LIMITED
LOT 3, CONC. 2, GAS STATION KANATA CITY ON

Database:
CA

Certificate #: 3-0886-99-
Application Year: 99
Issue Date: 8/12/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT CO. (ONT.) LTD.
WALDEN RIDGE, PT.LOTS 6&7/C-3 KANATA CITY ON

Database:
CA

Certificate #: 3-0459-99-
Application Year: 99
Issue Date: 5/18/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: URBANDALE CORPORATION

Database:
CA

PT.LOT 2/C-3, KANATA T. CENTRE KANATA CITY ON

Certificate #: 3-0088-99-
Application Year: 99
Issue Date: 4/7/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **GILPAUL INVESTMENTS LIMITED**
CAMPEAU DR., BUSINESS DEPOT KANATA CITY ON

Database:
CA

Certificate #: 3-1224-96-
Application Year: 96
Issue Date: 11/14/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **URBANDALE CORPORATION**
PT.LOT 2/CON.3, TOWN CENTRE KANATA CITY ON

Database:
CA

Certificate #: 3-1181-96-
Application Year: 96
Issue Date: 10/31/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **HODDINOTT HOLDINGS LTD.**
PART LOT 3 CONC 2 KANATA CITY ON

Database:
CA

Certificate #: 4-0035-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: URBANDALE CORPORATION
EASE.STS.A&C/KANATA TOWN CTRE. KANATA ON

Database:
CA

Certificate #: 7-1156-98-
Application Year: 98
Issue Date: 11/30/1998
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY
CASTLEFRANK RD/CAMPEAU DR. KANATA ON

Database:
CA

Certificate #: 3-1275-98-
Application Year: 98
Issue Date: 8/27/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY -CASTLEFRANK
CASTLEFRANK RD/KNUDSON DR. KANATA CITY ON

Database:
CA

Certificate #: 7-1498-90-
Application Year: 90
Issue Date: 10/2/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY
MARCHWOOD/LAKESIDE CLUSTER 3 KANATA CITY ON

Database:
CA

Certificate #: 7-1637-89-
Application Year: 89
Issue Date: 10/3/1989
Approval Type: Municipal water
Status: Approved

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

Site: GENSTAR DEV.CO. EASTERN LTD.-PT.LOTS 4&5
SHERRING CRES./CASTLEFRANK RD. KANATA CITY ON

Database:
CA

Certificate #: 7-0598-92-
Application Year: 92
Issue Date: 6/24/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GARFORD LTD. AND NOTLAW LTD.
GOLDRIDGE DR./SIGNATURE RIDGE KANATA CITY ON

Database:
CA

Certificate #: 7-0479-90-
Application Year: 90
Issue Date: 5/4/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION MARCHWOOD/LAKESIDE
KNUDSON DR. CLUSTER 2 KANATA CITY ON

Database:
CA

Certificate #: 7-1049-87-
Application Year: 87
Issue Date: 7/27/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION
WESLOCK WAY KANATA CITY ON

Database:
CA

Certificate #: 7-1048-87-
Application Year: 87
Issue Date: 12/11/1987
Approval Type: Municipal water
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEV. CO. EASTERN LTD.
KANATA LAKES PHASE III SOUTH KANATA CITY ON

Database:
CA

Certificate #: 7-1172-94-
Application Year: 94
Issue Date: 12/20/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PENEX KANATA LIMITED
CASTLEFRANK RD/CAMPEAU DR. KANATA CITY ON

Database:
CA

Certificate #: 7-0489-95-
Application Year: 95
Issue Date: 6/12/1995
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PENEX KANATA LIMITED
LOT 3/CON.2, KANATA CENTRUM KANATA CITY ON

Database:
CA

Certificate #: 3-0629-95-
Application Year: 95
Issue Date: 9/5/1995
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:

Emission Control:

Site: GILPAUL INVESTMENTS LIMITED
PT.LOT 3/CON.2,CAMPEAU DR.,SWM KANATA CITY ON

Database:
CA

Certificate #: 3-0309-95-
Application Year: 95
Issue Date: 4/27/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEV. CO.-PT.LOTS 4&5/CONC.2
GOLDRIDGE DR./CASTLEFRANK RD. KANATA CITY ON

Database:
CA

Certificate #: 7-1176-91-
Application Year: 91
Issue Date: 9/30/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR
CAMPEAU DR.EXTENSION PH. II KANATA CITY ON

Database:
CA

Certificate #: 7-1213-90-
Application Year: 90
Issue Date: 8/9/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT CO.
WINDEYER CRESCENT KANATA CITY ON

Database:
CA

Certificate #: 7-0672-90-
Application Year: 90
Issue Date: 5/17/1990
Approval Type: Municipal water
Status: Approved
Application Type:

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

Site: CHELLO HOMES INC. CHELLO HOMES TOWNHOUSE
KNUDSON DR. KANATA CITY ON

Database:
CA

Certificate #: 7-1587-88-
Application Year: 88
Issue Date: 10/4/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION
CAMPEAU DR. KANATA CITY ON

Database:
CA

Certificate #: 7-0016-88-
Application Year: 88
Issue Date: 1/21/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY
BEAVERBROOK RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1394-92-
Application Year: 92
Issue Date: 10/23/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEV.CO. EASTERN LTD.-PT.LOTS 4&5
SHERRING CRES./CASTLEFRANK RD. KANATA CITY ON

Database:
CA

Certificate #: 3-0735-92-
Application Year: 92
Issue Date: 6/24/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEV.CO. (ONT.) LTD.-LOT 5/CONC.2
LANGFORD CRESCENT KANATA CITY ON

Database:
CA

Certificate #: 3-0517-92-
Application Year: 92
Issue Date: 5/19/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEV. CO.-PT.LOTS 4&5, CONC. 2
GOLDRIDGE DR./CASTLEFRANK RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1477-91-
Application Year: 91
Issue Date: 9/30/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOP. CO. - PT.LOTS 4&5/CON.2
KANATA LAKES SUBD-CLUSTER 4 KANATA CITY ON

Database:
CA

Certificate #: 3-2115-90-
Application Year: 90
Issue Date: 3/4/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT CO.-CLUSTER 6
STORWMATER MANAGEMENT POND 3 KANATA CITY ON

Database:
CA

Certificate #: 3-1527-90-
Application Year: 90
Issue Date: 2/25/1991
Approval Type: Municipal sewage
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY -CASTLEFRANK
CASTLEFRANK RD/KNUDSON DR. KANATA CITY ON

Database:
CA

Certificate #: 3-1845-90-
Application Year: 90
Issue Date: 10/2/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.
CAMPEAU DR. EXTENSION PH. II KANATA CITY ON

Database:
CA

Certificate #: 3-1494-90-
Application Year: 90
Issue Date: 8/9/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT CO.
WINDEYER CRES. KANATA CITY ON

Database:
CA

Certificate #: 3-0788-90-
Application Year: 90
Issue Date: 5/17/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:

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

Site: GARFORD LTD. AND NOTLAW LTD.
GOLDRIDGE DR./SIGNATURE RIDGE KANATA CITY ON

Database:
CA

Certificate #: 3-0567-90-
Application Year: 90
Issue Date: 5/4/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT CO. MARCHWOOD/LAKESI
KNUDSON DR. CLUSTER B KANATA CITY ON

Database:
CA

Certificate #: 3-2202-89-
Application Year: 89
Issue Date: 11/7/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY
MARCHWOOD/LAKESIDE CLUSTER 3 KANATA CITY ON

Database:
CA

Certificate #: 3-1968-89-
Application Year: 89
Issue Date: 10/3/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: URBANDALE REALTY CORP. LTD.
BRIDLEWOOD (URBANDALE) PH.IIID KANATA CITY ON

Database:
CA

Certificate #: 3-1498-89-

Application Year: 89
Issue Date: 8/3/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CAMPEAU CORPORATION EASEMENT**
CAMPEAU DR. CLUSTER 2 KANATA CITY ON

Database:
CA

Certificate #: 3-0332-89-
Application Year: 89
Issue Date: 3/10/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CHELLO HOMES INC.**
PRIVATE STREET KNUDSON DR. KANATA CITY ON

Database:
CA

Certificate #: 3-1857-88-
Application Year: 88
Issue Date: 10/4/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **URBANDALE REALTY CORP. LTD.**
HUNTINGS END BRIDLEWOOD PH.IIB KANATA CITY ON

Database:
CA

Certificate #: 3-0134-86-
Application Year: 86
Issue Date: 3/4/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION MARCHWOOD/LAKESIDE
KNUDSON DR. CLUSTER 2 KANATA CITY ON

Database:
CA

Certificate #: 3-1274-87-
Application Year: 87
Issue Date: 7/27/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION
WESLOCK WAY KANATA CITY ON

Database:
CA

Certificate #: 3-1273-87-
Application Year: 87
Issue Date: 12/11/1987
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MARC PAVIC
LEACOCK DR. KANATA CITY ON

Database:
CA

Certificate #: 3-1054-87-
Application Year: 87
Issue Date: 6/20/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY
LOT 4, CONC. 2 KANATA CITY ON

Database:
CA

Certificate #: 8-4079-90-
Application Year: 90
Issue Date: 3/5/1991
Approval Type: Industrial air
Status: Approved in 1991
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description: DIESEL GENERATOR FOR STANDBY POWER
Contaminants:
Emission Control:

Site: SHELL CANADA PRODUCTS LIMITED
DON MILLS ON

Database:
CONV

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: DISCHARGING A CONTAMINANT - ADVERSE EFFECT
Background:
URL:

Location:
Region: SOUTH EAST REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 13(1)
Act/Regulation/Section: EPA- -13(1)
Date of Offence:
Date of Conviction:
Date Charged: 92/05/12
Charge Disposition:
Fine: 90000
Synopsis:

Site: Goulbourn-Stittsville Sanitation Limited
Lot 6, Conc. 2 CITY OF OTTAWA ON

Database:
EBR

EBR Registry No: IA7E1532
Ministry Ref No: ER-1145
Notice Type: Instrument Decision
Notice Stage: 800469597
Notice Date: January 02, 2009
Proposal Date: October 09, 1997
Year: 1997
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Off Instrument Name:
Posted By:
Company Name: Goulbourn-Stittsville Sanitation Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 106 Westhunt Drive, Carp Ontario, K0A 1L0
Comment Period:
URL:

Site Location Details:

Lot 6, Conc. 2 CITY OF OTTAWA

Site: *Shell Canada Limited*
Nepean Ottawa ON M2N 6Y2

Database:
[ECA](#)

Approval No: 1454-96LJDX
Approval Date: 2013-04-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: Nepean
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6976-92AQLQ-14.pdf>

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

Site: *Urbandale Corporation*
Ottawa ON K1G 2H5

Database:
[ECA](#)

Approval No: 4781-4ZEKPM
Approval Date: 2001-08-21
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1402-4Z2HBD-14.pdf>

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

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

Database:
[ECA](#)

Approval No: 0311-BFFQWB
Approval Date: 2019-10-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Campeau Dr
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4754-BFAS8F-14.pdf>

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

Site: *Urbandale Corporation*
Ottawa ON K1G 2H5

Database:
[ECA](#)

Approval No: 0666-5YQRZ3
Approval Date: 2004-05-10
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

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

Site: *City of Ottawa*

Database:

Approval No: 1674-8LRSGX **MOE District:**
Approval Date: 2011-09-23 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5106-8LBQRV-14.pdf>

Site: **Conseil des Ecoles Catholiques du Centre-Est**
Ottawa ON K1J 1A1

Database:
ECA

Approval No: 1901-8FAKH3 **MOE District:**
Approval Date: 2011-03-31 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8477-8CCSWB-14.pdf>

Site: **Urbandale Corporation**
Ottawa ON K1G 2H5

Database:
ECA

Approval No: 8787-5YQRUU **MOE District:**
Approval Date: 2004-05-10 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3747-5YPLC8-14.pdf>

Site: **Urbandale Corporation**
Ottawa ON K1G 2H5

Database:
ECA

Approval No: 1830-6H3P2S **MOE District:**
Approval Date: 2005-10-14 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/9122-6F6R74-14.pdf>

Site: **SUPERIOR PROPANE INC**
LOT 2 CON 3 NEPEAN TWP OTTAWA ON M1E 2N4

Database:
EXP

Instance No: 9558942

Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 8/1/1990

Site: **TEXACO (SEE & USE ON1315709)**
PL M108, PTBL. A, RIVERSIDE PARK SOUTH OTTAWA ON K1S 2R8

Database:
GEN

Generator No: ON0005278
Status:
Approval Years: 90,98
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Site: **TEXACO (SEE & USE ON1315709) 37-318**
PL M108, PTBL. A, RIVERSIDE PARK SOUTH OTTAWA ON K1S 2R8

Database:
GEN

Generator No: ON0005278
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Site: **TEXACO (SEE & USE ON1315710)**
LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE. OTTAWA ON K1G 3K4

Database:
GEN

Generator No: ON0005279
Status:
Approval Years: 90,98
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Site: **KANATA HYDRO ELECTRIC COMMISSION**
KANATA M.S REANEY COURT, LOT 3 CONC 3 KANATA ON K2K 1X4

Database:
GEN

Generator No: ON0646402
Status:
Approval Years: 92,93,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

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

Detail(s)

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

Site: **KANATA HYDRO-ELECTRIC COMMISSION**
KANATA M.S., REANEY COURT LOT 3, CONCESSION 3 KANATA ON

Database:
GEN

Generator No: ON0646402
Status:
Approval Years: 99,00,01

PO Box No:
Country:
Choice of Contact:

Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.

Co Admin:
Phone No Admin:

Detail(s)

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

Site: GENSTAR DEVELOPMENT COMPANY
KANATA LAKES LT 3, CONC. 3, KANATA C/O 1130 MORRISON DR. OTTAWA ON K2H 9N6

Database:
GEN

Generator No: ON1135501
Status:
Approval Years: 89
Contam. Facility:
MHSW Facility:
SIC Code: 9651
SIC Description: GOLF COURSES

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 488490
SIC Description: Other Support Activities for Road Transportation

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

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

Detail(s)

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

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Detail(s)

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

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

Detail(s)

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

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

Detail(s)

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

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

Site: TEXACO (SEE & USE ON1315710) 37-319
LANCASTER FARM, PL441938,LT 42, NORRIS ST., C/O 605 INDUSTRIAL AVE. OTTAWA ON K1G 3K4

Database:
GEN

Generator No: ON0005279
Status:
Approval Years: 92,93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.

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

Site: MINISTRY OF TRANSPORTATION
LOT 3 CON 2 MARCH TWP ON

Database:
PRT

Location ID: 8452

Type: private
Expiry Date:
Capacity (L): 31740.00
Licence #: 0001011712

Site: **Ottawa Hunt & Golf Club Limited**
Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: IA05E0019
Ministry Ref No: ER-0608-67WSSP
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 29, 2005
Proposal Date: January 07, 2005
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ottawa Hunt & Golf Club Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1 Hunt Club Road, Ottawa Ontario, K1V 1B9
Comment Period:
URL:

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

Site Location Details:

Lot 5, Concession II, City of Ottawa (geographic Township of Gloucester) CITY OF OTTAWA

Site: **Clublink Capital Corporation**
The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata) Kanata ON

Database:
PTTW

EBR Registry No: IA01E1118
Ministry Ref No: ER-13633
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 05, 2002
Proposal Date: July 31, 2001
Year: 2001
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Clublink Capital Corporation
Site Address:
Location Other:
Proponent Name:
Proponent Address: 15675 Dufferin Street, King City Ontario, L7B 1K5
Comment Period:
URL:

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

Site Location Details:

The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata) Kanata

Site: **Ottawa Hunt and Golf Club, Limited**
Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 013-2682
Ministry Ref No: 0641-AX8JAH
Notice Type: Instrument Decision
Decision Posted:
Exception Posted:
Section:

Notice Stage:
Notice Date: September 19, 2018
Proposal Date: March 27, 2018
Year: 2018
Instrument Type: Permit to Take Water - OWRA s. 34
Off Instrument Name:
Posted By:
Company Name: Ottawa Hunt and Golf Club, Limited(OWRA s. 34) - Permit to Take Water
Site Address:
Location Other:
Proponent Name: Ottawa Hunt and Golf Club, Limited
Proponent Address: 1 Hunt Club Road
 Ottawa Ontario
 Canada K1V 1B9
Comment Period:
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM0OTYz&statusId=MjA3Mzcy&language=en>

Site Location Details:

Lot 5, Concession 2
 City of Ottawa, Ontario
 CITY OF OTTAWA

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

<p> Ref No: 81836 Site No: Incident Dt: 2/14/1993 Year: Incident Cause: PIPE/HOSE LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 2/14/1993 Dt Document Closed: Incident Reason: ERROR Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP. Contaminant Qty: </p>	<p> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: </p>
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Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

<p> Ref No: 81843 Site No: Incident Dt: 2/14/1993 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: </p>	<p> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: </p>
--	---

Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/14/1993
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK
Contaminant Qty:

Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 84404
Site No:
Incident Dt: 4/21/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/22/1993
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: TEXACO
 BULK PLANT BULK STATION OTTAWA CITY ON

Database:
 SPL

Ref No: 14969
Site No:
Incident Dt: 2/18/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:

MOE Reported Dt: 2/18/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TEXACO - 800 LTR. DIESEL TO CONCRETE AT BULK PLANTCONTAINED.
Contaminant Qty:

Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 16382
Site No:
Incident Dt: 3/27/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/27/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No: 60160
Site No:
Incident Dt: 11/24/1991
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/25/1991
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL SERVICE STATION - 25 L. OF GASOLINE TO GROUND FROM LEAKY CAR
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: SHELL, FIRE DEPT. TRIANGLE PUMP
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Shell Canada Products Limited
Shell Canada Ottawa ON

Database:
SPL

Ref No: 6267-5M2K7H
Site No:
Incident Dt: 4/28/2003
Year:
Incident Cause:
Incident Event:
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Other Impact(s)
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/28/2003
Dt Document Closed:
Incident Reason:
Site Name: LOADING RACK 1<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Shell - 1L gasoline
Contaminant Qty: 1 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 30521
Site No:
Incident Dt: 2/2/1990
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND / AIR
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1990
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SET CONSTRUCTION LTD.
KNUDSON DROVE RR #1 MOODIE DR. NEPEAN KANATA CITY ON

Database:
SPL

Ref No: 51036
Site No:

Discharger Report:
Material Group:

Incident Dt: 5/22/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/23/1991
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SET CONSTRUCTION LTD. - 20 L COL. DIESEL TO GRND FROM SPLIT TRUCK HOSE.
Contaminant Qty:

Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20103
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: ONTARIO HYDRO
 LOT 5 CONC 2 HUNTLEY TWP. TRANSFORMER OTTAWA-CARLETON R.M. ON

Database:
 SPL

Ref No: 28839
Site No:
Incident Dt: 12/13/1989
Year:
Incident Cause: COOLING SYSTEM LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/13/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: ONT.HYDRO - 100 LTR OIL TO SNOW FROM TRANSFORMER.NON-PCB.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 26231
Site No:
Incident Dt: 10/5/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:

Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/5/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP
Contaminant Qty:

Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: DEPT OF TRANSPORT
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 23253
Site No:
Incident Dt: //
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/7/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: FRANCIS FUELS
 LEMIEAUX FILTRATION PLANT TANK TRUCK (CARGO) OTTAWA-CARLETON R.M. ON

Database:
 SPL

Ref No: 35061
Site No:
Incident Dt: 5/22/1990
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/22/1990

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:

Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: FRANCIS FUELS-10 L DIESEL FUEL TO GRAVEL.
Contaminant Qty:

SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 21872
Site No:
Incident Dt: 7/11/1989
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 8471
Site No:
Incident Dt: 8/22/1988
Year:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/22/1988
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site:
lot 4 con 2 ON

Database:
WWIS

Well ID: 1536506
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 235230
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:
Date Received: 8/1/2006
Selected Flag: Yes
Abandonment Rec:
Contractor: 4006
Form Version: 2
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: 15000
Site Info:
Lot: 004
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550572
DP2BR: 34
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 3/4/2004
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 933066013
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 933066014
Layer: 2
Color: 3

General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 933066017
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 40
Formation End Depth: 140
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 933066016
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 34
Formation End Depth: 40
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 933066015
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 21
Formation End Depth: 34
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933299444
Layer: 1
Plug From: 40
Plug To: 0
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11560179
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930884701
Layer: 3
Material:
Open Hole or Material:
Depth From: 40
Depth To: 140
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930884700
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: -2
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930884699
Layer: 1
Material:
Open Hole or Material:
Depth From: 0
Depth To: 40
Casing Diameter: 10
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 11569551
Pump Set At: 60
Static Level: 12
Final Level After Pumping: 21
Recommended Pump Depth:

Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
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:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11662476
Test Type: Draw Down
Test Duration: 15
Test Level: 14.3
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11662477
Test Type: Draw Down
Test Duration: 30
Test Level: 16.7
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11662478
Test Type: Draw Down
Test Duration: 45
Test Level: 18
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 11662479
Test Type: Draw Down
Test Duration: 60
Test Level: 21
Test Level UOM: ft

Water Details

Water ID: 934078358
Layer: 2
Kind Code:
Kind:
Water Found Depth: 129
Water Found Depth UOM: ft

Water Details

Water ID: 934078359
Layer: 1
Kind Code:
Kind:
Water Found Depth: 93
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 Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jul 31, 2019

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 2017

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, 2017

Chemical Register:

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-Jul 31, 2019

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 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2019

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-Dec 31, 2019

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 2019

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-Jan 31, 2020

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-Dec 31, 2019

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-Jan 31, 2020

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-Oct 31, 2019

Environmental Issues Inventory System:

Federal [EIS](#)

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 EIS 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, 2018

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, 2017

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.

Government Publication Date: Jun 2000-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal FED TANKS

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

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 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, 2017

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-Oct 31, 2019

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 2017

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will 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-Jan 2019

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, 2018

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-Dec 31, 2019

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-Aug 31, 2019

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2019

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-Dec 31, 2019

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: 1988-Jan 2020

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, 2017

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-Dec 31, 2019

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: 1986-2016

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 clean-up 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-Nov 2019

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-Jul 31, 2019

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

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2019

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, 2017

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-Aug 2018

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, 2017

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-Jan 31, 2020

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: Feb 28, 2019

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University, B.Eng. 2002
Environmental Engineering

MEMBERSHIPS AND AWARDS

Professional Engineers of Ontario
Ottawa Geotechnical Society

EXPERIENCE

2011-present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Intermediate Engineer

2009-2010

Department of Indian and Northern Affairs

Contaminated Sites Division
Environment Officer (PC-02)

2003 to 2009

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Intermediate Engineer

2002 to 2003

Dessau Soprin Inc.

Consulting Engineers
Environmental Division
Junior Engineer

SELECT LIST OF PROJECTS

Billings-Hurdman Interconnect Watermain - Ottawa
Telus Building Remediation - Ottawa
Block D Lands Remediation and Redevelopment – Kingston
Gladstone Avenue Reconstruction - Ottawa
Lees Avenue Coal Tar Site - City of Ottawa
Nortel Networks Environmental Monitoring Program
3W Zone Feedermain – Ottawa
Bank Street Reconstruction – Ottawa
Lees Avenue Remediation Program – Ottawa
Colonnade Road North Development – Ottawa
Montreal Road Reconstruction – Ottawa
Designated Substance Surveys – Residential and Commercial Sites - Ottawa
Phase I & II Environmental Site Assessments – Residential, Commercial and Industrial Sites – Ottawa (CSA Z768-01 and O.Reg 269/11)
Brownfields Applications and Records of Site Condition – Residential and Commercial Redevelopment

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa