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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.

### **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.

### **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.

### **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.

### **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. A copy of the 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.

## 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 0.5mx0.6m 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.

<b>Table 1 Land Use History</b>				
<b>Year</b>	<b>Name of Owner</b>	<b>Property Use</b>	<b>Description of Property Use</b>	<b>Other Observations from Aerial Photos, FIPs, etc.</b>
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).

<b>Table 2 Areas of Potential Environmental Concern</b>					
<b>Area of Potential Environmental Concern</b>	<b>Location of Area of Potential Environmental Concern with respect to Phase I Property</b>	<b>Potentially Contaminating Activity</b>	<b>Location of PCA (on-site or off-site)</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted (Groundwater, Soil, and/or Sediment)</b>
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 <sub>1</sub> -F <sub>4</sub> )	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 <sup>1</sup>	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 <sup>1</sup>	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, F<sub>1</sub>-F<sub>4</sub>) 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<sub>ESA</sub>



Mark S. D'Arcy, P.Eng., QP<sub>ESA</sub>



### 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.

# **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**

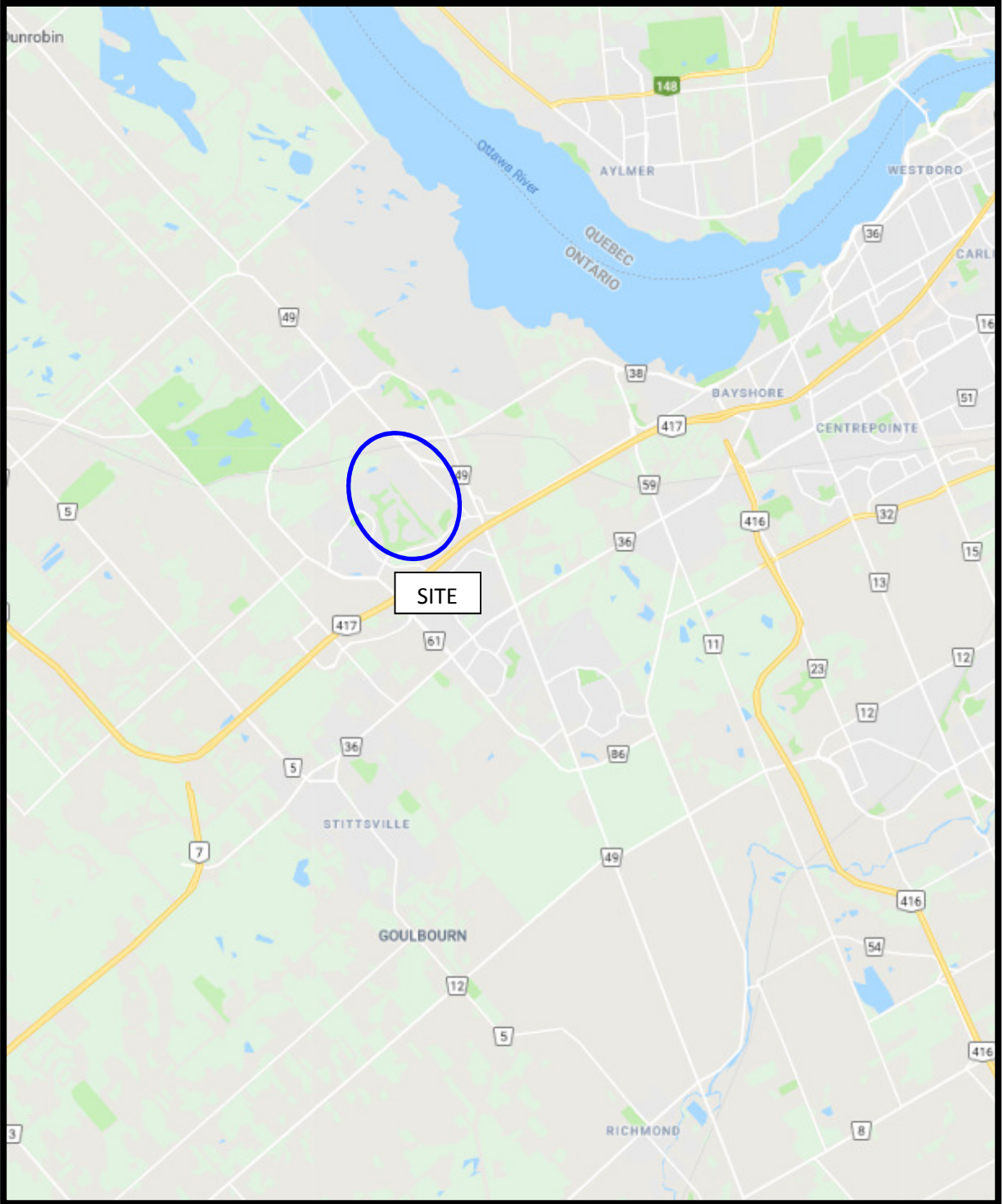


FIGURE 1  
KEY PLAN

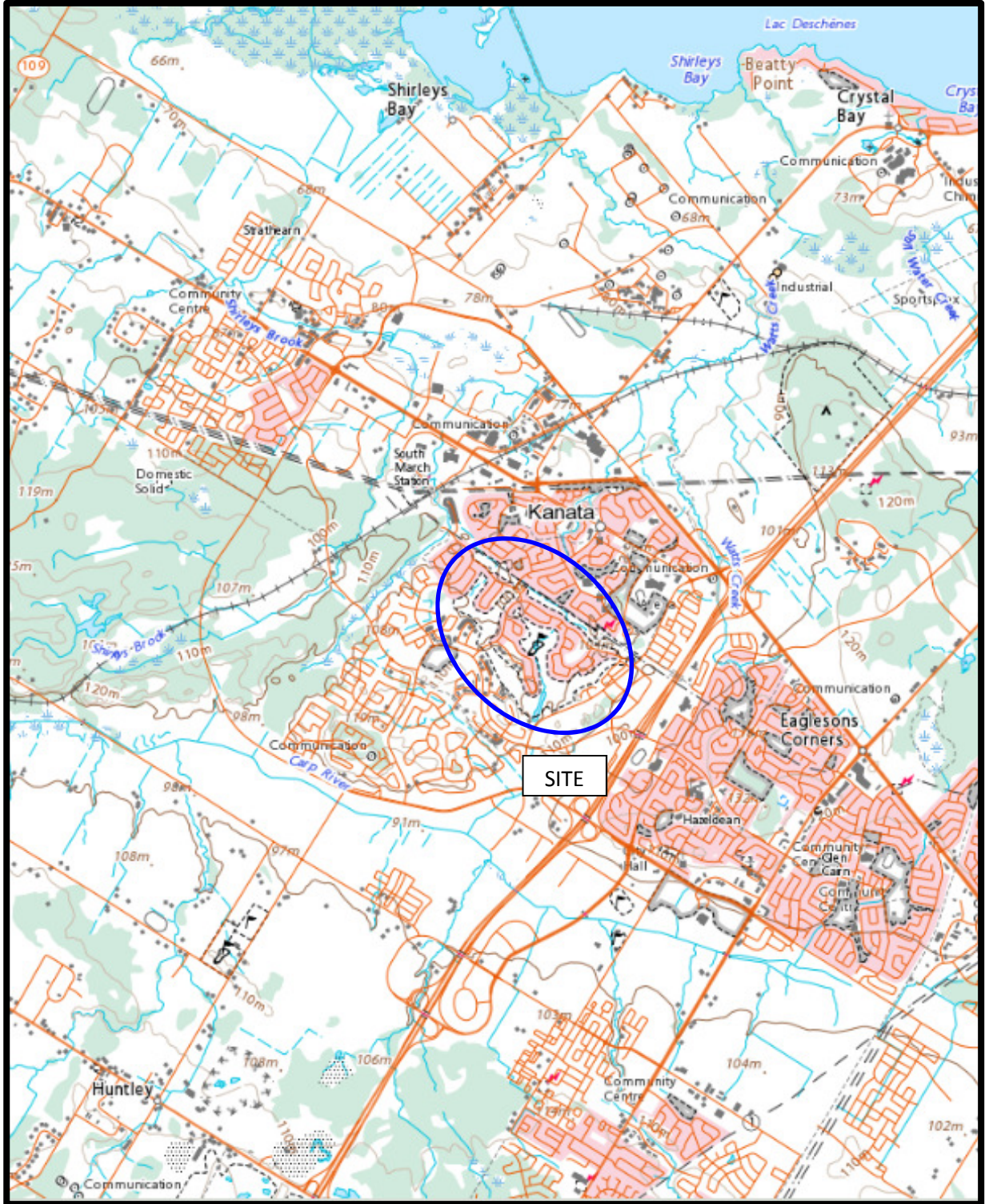
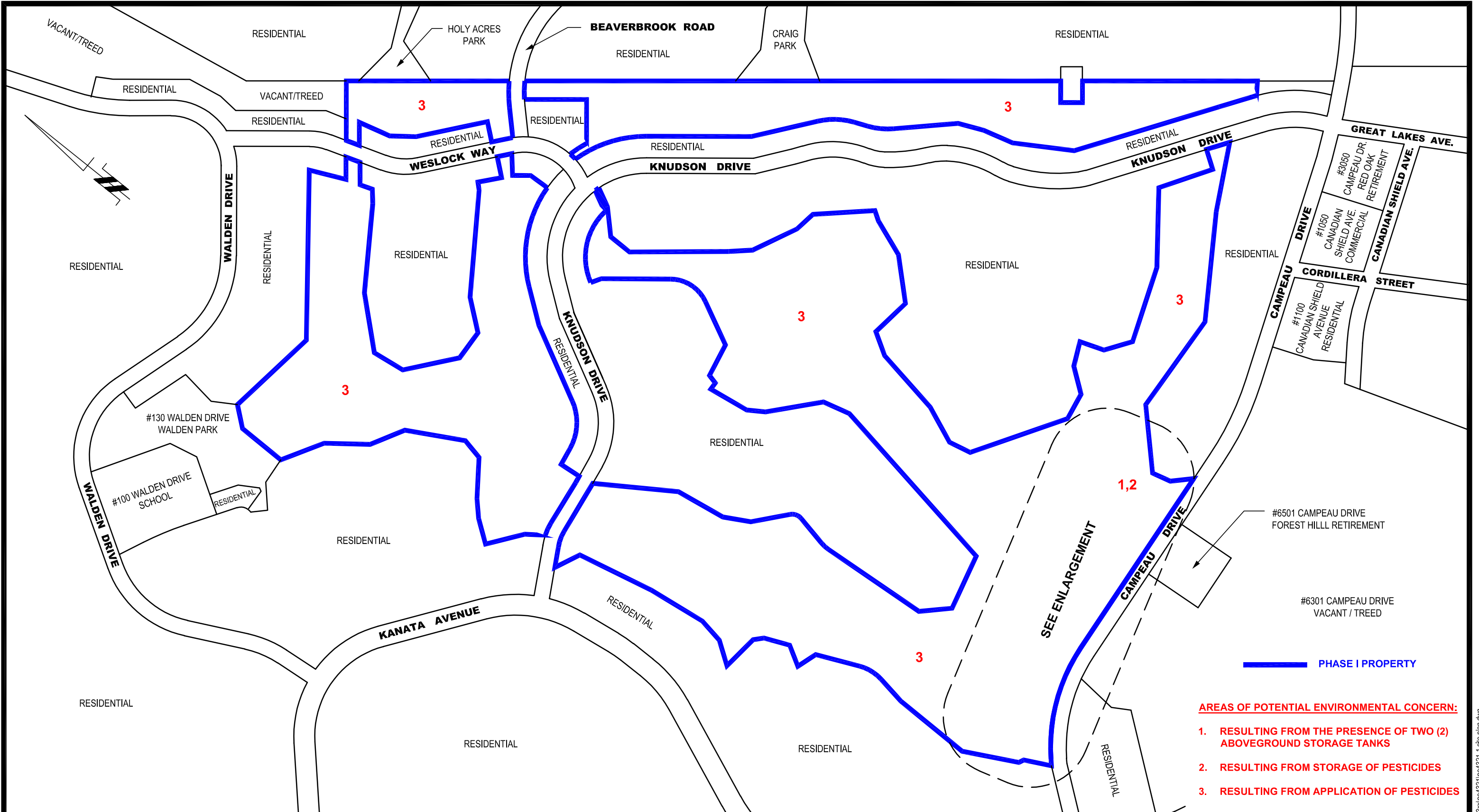


FIGURE 2  
TOPOGRAPHIC MAP



**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

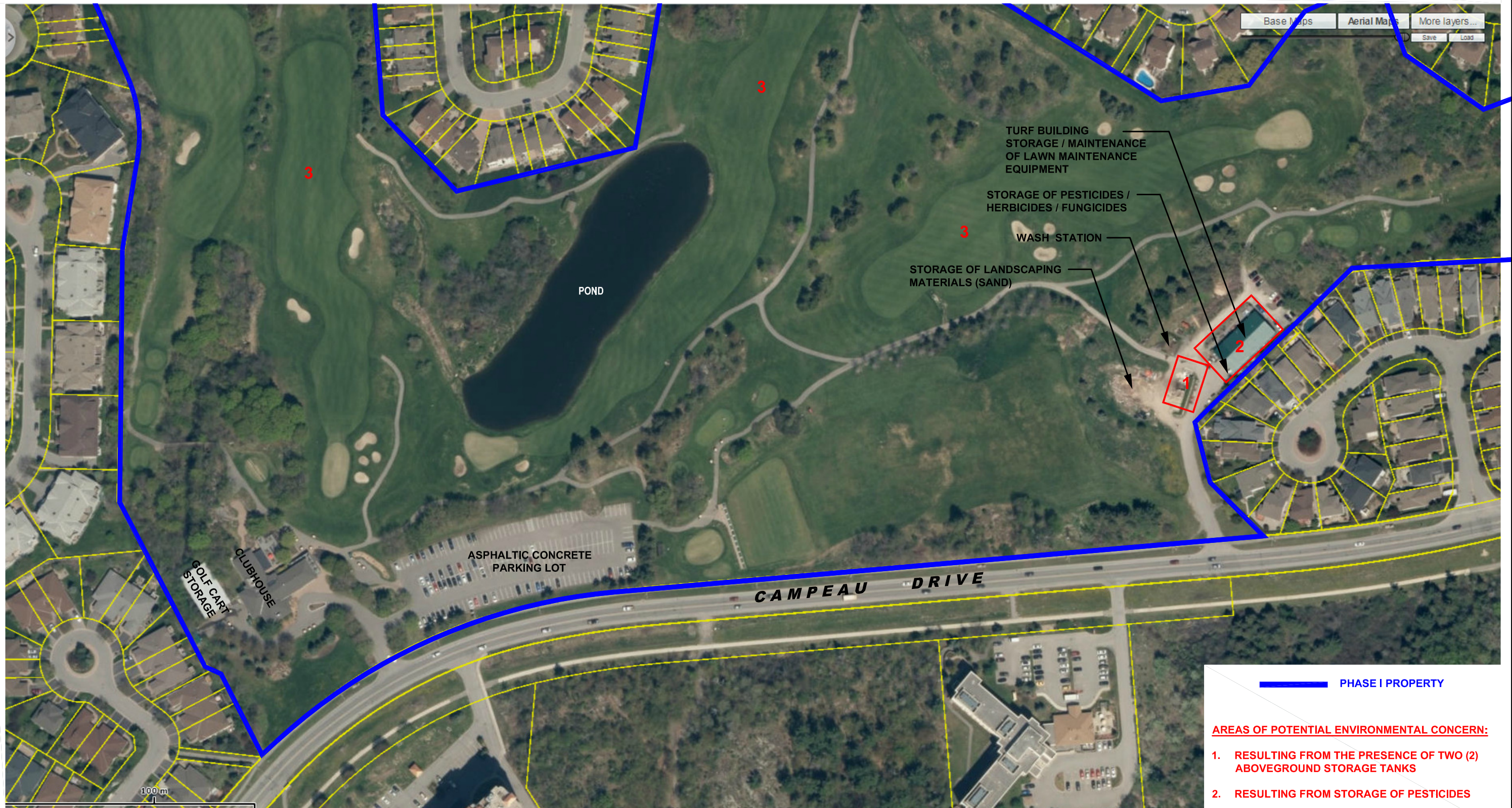
NO.	REVISIONS	DATE	INITIAL
0			

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.:	<b>PE4321-1</b>
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

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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 (ENLARGEMENT)**

Scale:	1:2000	Date:	05/2018
Drawn by:	MPG	Report No.:	PE4321-1
Checked by:	KM	Dwg. No.:	<b>PE4321-1A</b>
Approved by:	KM	Revision No.:	0





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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**

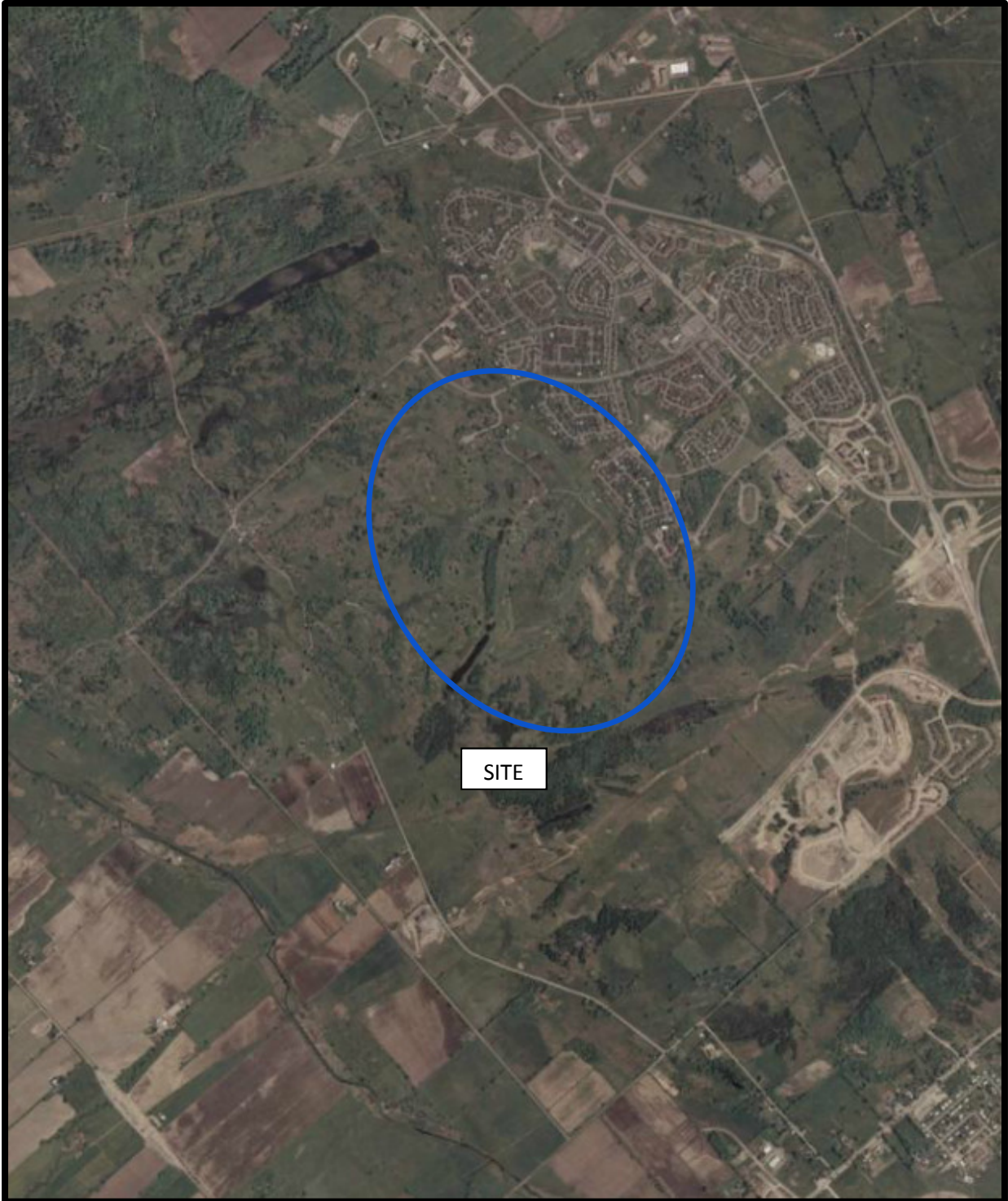
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Drawn by:	MPG	Report No.:	PE4321-1
Checked by:	KM	Dwg. No.:	<b>PE4321-2</b>
Approved by:	KM	Revision No.:	0

# **APPENDIX 1**

## **AERIAL PHOTOGRAPHS**



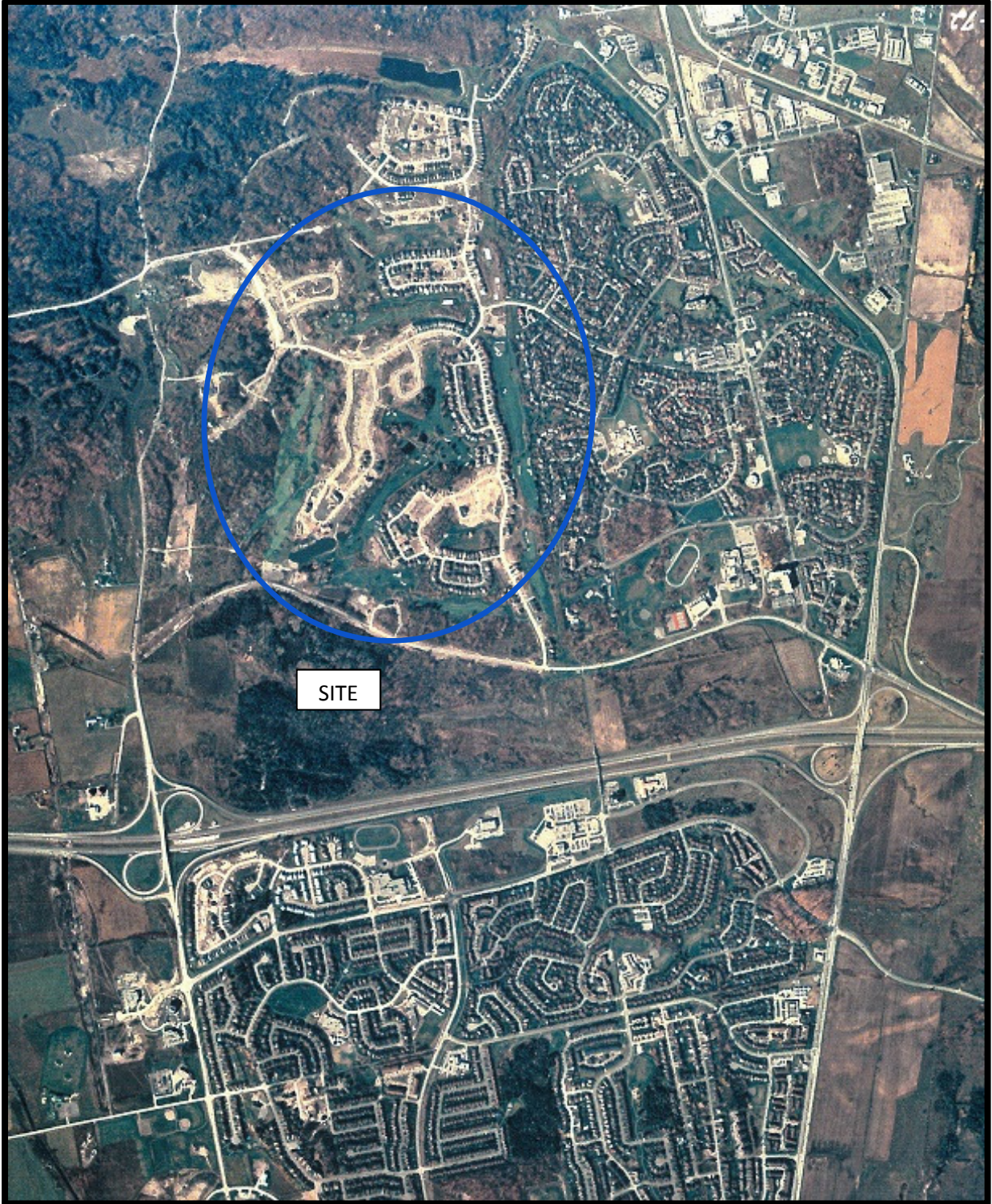
AERIAL PHOTOGRAPH  
1945



AERIAL PHOTOGRAPH  
1976



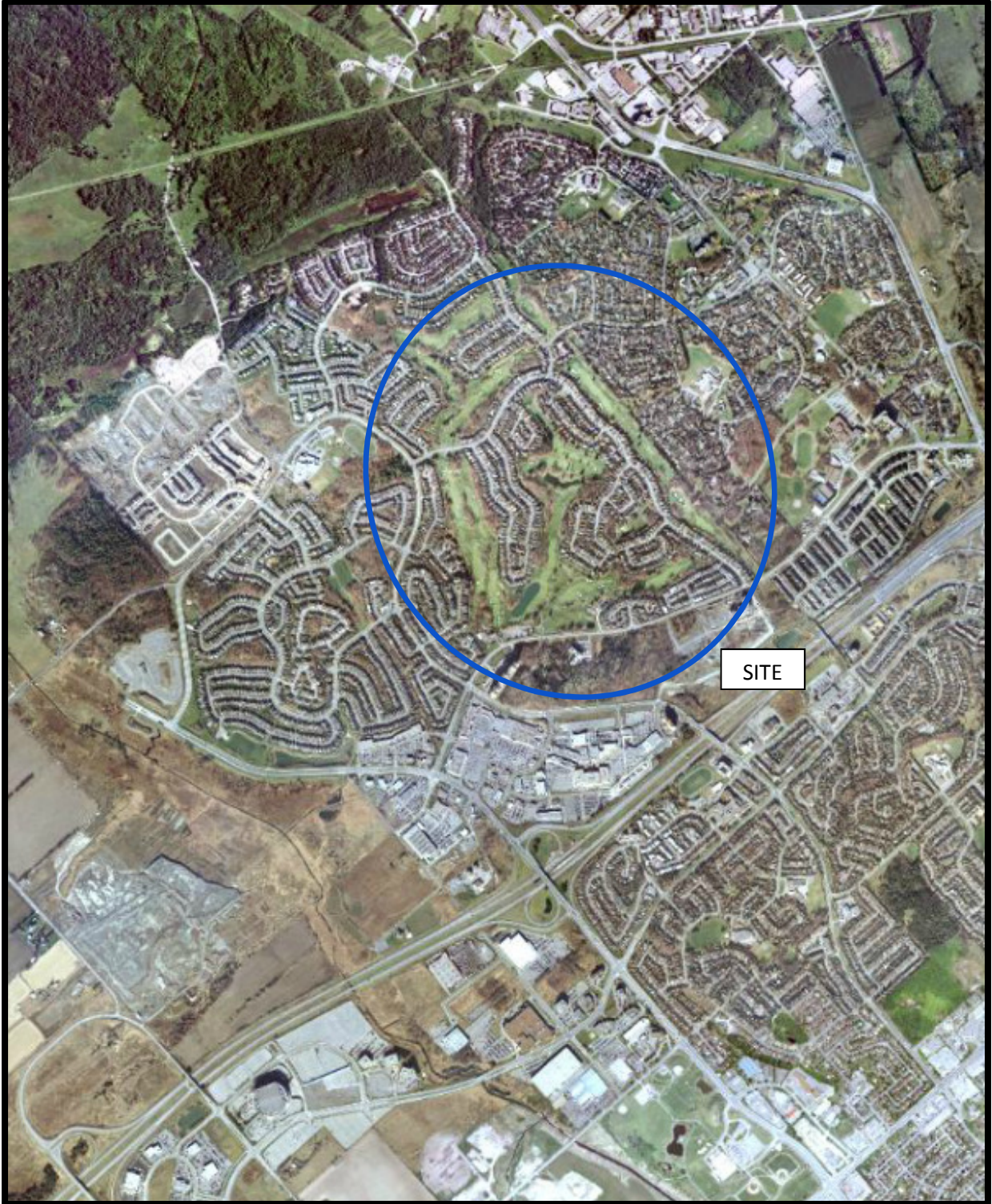
AERIAL PHOTOGRAPH  
1984



AERIAL PHOTOGRAPH  
1990

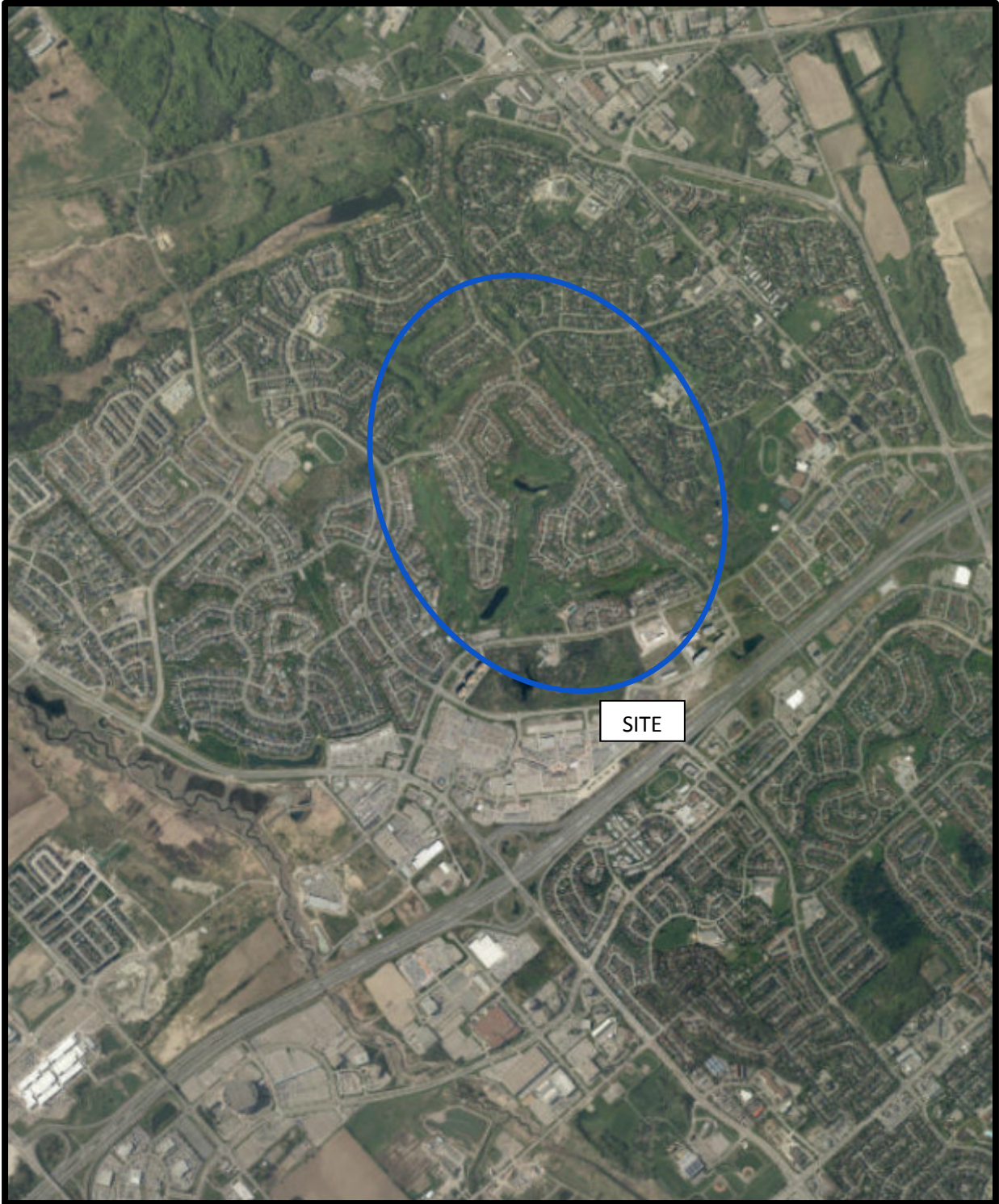


AERIAL PHOTOGRAPH  
1999



AERIAL PHOTOGRAPH  
2008





AERIAL PHOTOGRAPH  
2017

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION SEARCH**

**MECP WELL RECORDS**

**CITY OF OTTAWA HLUI SEARCH**

**TSSA CORRESPONDENCE**

Ministry of the Environment  
and Climate Change

Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> 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<sup>e</sup> 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
• <b>Total</b>	<b>\$ 47.00</b>
• Deposit Received	- 30.00
• <b>BALANCE WAIVED (NOT REQUIRED)</b>	<b>\$ 17.00</b>

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](mailto:jelena.stankovic@ontario.ca).

Yours truly,

A handwritten signature in blue ink, consisting of a large, stylized loop followed by 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 dates 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:

*"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."*



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 4<sup>th</sup> 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 <sup>th</sup> 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

OFFICIAL DISTRICT OFFICE

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 18<sup>th</sup>, 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 17<sup>th</sup>, 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



SIOCKA CA 220

91-P-4026

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

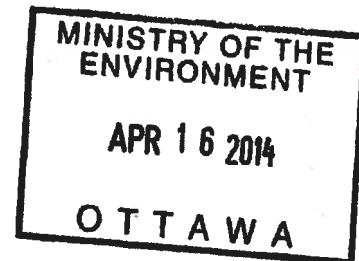
**Ministry of the Environment**  
Eastern Region  
Technical Support Section  
Water Resources  
1259 Gardiners Rd, PO Box 22032  
Kingston, ON  
K7P 3J6  
Tel: (613) 540-6875

**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](mailto: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
							<b>Total Taking:</b>	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](mailto: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](http://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.

SLOTTKA COTE 220  
122 Patterson  
(Toronto)  
7000 Campaign

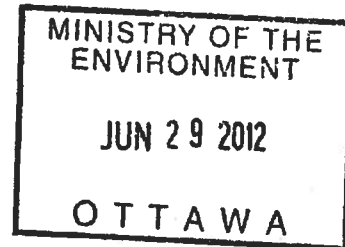
**Ministry of the Environment**  
Eastern Region  
Technical Support Section  
1259 Gardiners Rd, PO Box 22032  
Kingston, ON  
K7P 3J6  
Tel: (613) 549-4000

**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](mailto: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](mailto: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	Golf Course Irrigation	Commercial	741	24	1,067,037	180	18 428533 5019030
2 Well 2	Well	Golf Course Irrigation	Commercial	289	24	414,686	180	18 428021 5017998
						<b>Total Taking:</b>	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](http://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  
7000 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.

Notes: One form for each subject waste.

Void en 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<sup>e</sup> 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.

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

1. Name of generator/ Nom du producteur <b>Kanata Golf and Country Club</b>		2. Generator No./N° de producteur ON   1   1   3   5   5   0   1					
3. Address / Adresse <b>6200 Campeau Dr. Kanata ON</b>		4. Postal code / Code postal <b>K2T 0A3</b>					
5. Name of contact person / Nom de la personne-ressource <b>Brady Pink - Superintendent John Byers - Mechanic</b>		6. Telephone / Téléphone <b>613-592-1095</b>					
7. Waste description / Description des déchets <b>Used oil taken from the golf course equipment.</b>		8. Primary characteristic / Caractéristique principale <b>Liquid Industrial Waste</b>			9. Waste Class / Catégorie de déchet <b>Waste Oil and Lubricants</b>		
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 <b>205 L Drum</b>	No. / Numéro	Type
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 débordement généralisé de litre contenu?						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 <b>Small amount of waste being produced.</b>							
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? <b>Drain-All is called when drum is full. They come and pick up the waste and dispose of it.</b>							
18. Anticipated time waste will be stored _____ (months) / (mois) Date 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 débordement? <input type="radio"/> No / Non <input checked="" type="radio"/> Yes / Oui							
20. Signature of Company Official / Responsable des renseignements de la compagnie 		Print name / Imprimer nom <b>Brady Pink</b>		21. Date / Date <b>January 26 2015</b>			

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., 6<sup>th</sup> Floor North York, Ontario M2M 4J1</p> <p>Région du Centre 5775, rue Yonge, 6<sup>e</sup> étage Toronto (Ontario) M2M 4J1</p>	<p>Northern Region 432 James St. E., 3<sup>rd</sup> Floor Thunder Bay, Ontario P7C 5G6</p> <p>Région du Nord-Ouest 435, rue James est., 3<sup>e</sup> étage Thunder Bay (Ontario) P7C 5G6</p>	<p>Eastern Region 1239 Gardiners Road Mississauga, Ontario R7P 3JH</p> <p>Région de l'Est 123, rue Gardiners Mississauga (Ontario) R7P 3JH</p>	<p>Southwestern Region 735 Exeter Road, 3<sup>rd</sup> Floor London, Ontario N6E 1L3</p> <p>Région du Sud-Ouest 735, rue Exeter, 3<sup>e</sup> étage London (Ontario) N6E 1L3</p>	<p>West Central Region 119 King St., 12<sup>th</sup> Floor Hamilton, Ontario L8P 4Y7</p> <p>Région du Centre-Ouest 119, rue King, 12<sup>e</sup> 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 347, Paragraph 3 of section 17.2  
Règlement 347, P.A. 17.2 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<sup>e</sup> 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 <b>Clublink</b>		2. Generator No. / N° du producteur de déchets ON <b>1135501</b>	
3. Address / Adresse <b>6200 Campeau Dr, Kanata</b>		4. Postal code / Code postal <b>K2K-1X5</b>	
5. Name of contact person / Nom de la personne-ressource <b>Trevor Anderson</b>		6. Telephone / Téléphone <b>(613) 592-1095</b>	
7. Waste description / Description des déchets <b>Vehicle and Hydraulic oil</b>		8. Primary characteristic / Caractéristique principale	
		9. Waste Class / Catégorie de déchets <b>252</b>	
Description of storage procedure and area / Description du mode de stockage et de l'aire de stockage			
10. Indicator 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 <b>Waiting for tank to be full before removal.</b>			
16. Will the amount of waste stored change over time? / La quantité stockée changera-t-elle?		Amount of waste stored / Quantité stockée <b>200</b> (kg)	
<input type="checkbox"/> No / Non		<input checked="" type="checkbox"/> Yes / Oui    Anticipated accumulation rate / Taux d'accumulation prévu <b>50</b> (kg/month / kg/mois)	
		Maximum amount to be stored / Quantité maximale à être stockée <b>2000</b> (kg)	
17. Anticipated manner of disposal of the waste? / Comment est-il prévu d'éliminer le déchet? <b>Removal By Drain All LTD</b>			
18. Anticipated time waste will be stored <b>12</b> (months). / Durée prévue du stockage <b>12</b> (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 <b>[Signature]</b>		Print name: Inscrire l'imprimé en majuscules <b>Trevor Anderson</b>	21. Date / Date <b>Dec 11 / 09</b>

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 <sup>e</sup> étage North York (Ontario) M2M 4J1	Direction régionale du Nord 435, rue James Sud, 3 <sup>e</sup> étage Thunder Bay (Ontario) P7B 6M1	Direction régionale du Centre-Ouest 119, rue King Ouest, 12 <sup>e</sup> 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 <sup>e</sup> 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 17.03.1992 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.

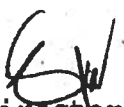
It is important to note that under Section 15(4) of Ontario Regulation 309, a new Generator Registration Report must be submitted to the Ministry within fifteen (15) days for any of the following reasons:

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.

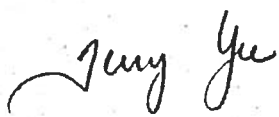
If the quantity of registered wastes or your carrier or receiver changes, automatic re-registration is not required. However, in order to update our file, we may periodically request additional information when we observe or suspect a significant change as compared to the most recent information submitted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



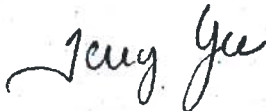
Terry Yee

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.

WASTE MANAGEMENT BRANCH

MAR 23 1992

17-293

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

This report is / Le présent rapport constitue:

1.  an initial generator registration report / un premier rapport d'inscription du producteur

or / ou

2.  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.

Generator Registration Number / Numéro d'inscription du producteur: **0W1135501**

MINISTRY OF ENVIRONMENT

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: **000**

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**

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 / Réservé 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	





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 &amp; 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 Lacobe 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  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)

19 Date

*Gordie Baird*

*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<sup>e</sup> étage  
Toronto (Ontario)  
M4H 1A8

Région du Nord-Ouest  
435, rue James sud, 3<sup>e</sup> 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<sup>e</sup> étage

Région du Centre-Ouest  
119, rue King, 12<sup>e</sup> 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)

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 &amp; Country Club</i>		2. Generator No. / N° du producteur <b>ON</b> <i>111135501</i>	
3. Address / Adresse <i>6200 Campeau 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>Crank Case oil</i>		8. Primary characteristic / Caractéristique principale <i>Crank Case Oil</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 :		Size / Format <i>20 gal</i>	No / Numéro <i>1</i>
<input checked="" type="checkbox"/> Tanks / Réservoirs <input type="checkbox"/> Drums / Barils <input type="checkbox"/> Other / Autre		Type of oil <i>Furniture tank</i>	
11. Is waste stored in a secure area? / Les déchets sont-ils entreposés en lieu sûr?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
12. Is the waste storage drum(s)/tank(s) labelled? / Les contenants (réservoirs ou barils) sont-ils étiquetés?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
13. Will a leak or spill be contained? / Une fuite ou un déversement pourraient-ils être contenus?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
14. Is the storage area/facility routinely inspected? / Procède-t-on à des inspections régulières du lieu ou des installations d'entreposage?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
15. Reason for retention of the waste / Raison de l'entreposage des déchets <i>Store until amounts become enough to have pumped out.</i>			
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>			
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.			
18. Signature of Company Official / Signature du représentant de la compagnie <i>[Signature]</i>		Print name / Nom (en caractères d'imprimerie) <i>Gordie Baird</i>	19. Date <i>Feb 27 / 92</i>

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<sup>e</sup> étage  
Toronto (Ontario)  
M4H 1A8

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

Southeastern Region  
133 Dalton St.  
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K7L 4X6

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

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

Northeastern Region  
199 Larch St., 11th Floor  
Sudbury, Ontario  
P3E 5P9

West Central Region  
119 King St., 12th Floor  
Hamilton, Ontario  
L8N 3Z9

Région du Nord-Est  
199, rue Larch, 11<sup>e</sup> étage  
Sudbury (Ontario)  
P3E 5P9

Région du Centre-Ouest  
119, rue King, 12<sup>e</sup> 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: 9/2/02/26

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**

<b>Incident Summary:</b>	Violation of the OWRA, Section 34(8) <i>cannot be longer than 60 characters</i>
<b>Incident Description:</b>	<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"> <li>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.</li> <li>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.</li> </ol>

**Attachments, Links & Comments:**

<b>Date &amp; Time of Incident</b>	2003/06/17		
<b>Source Type:</b>		<b>Sector Type:</b>	
<b>Nearest Watercourse:</b>		<b>Watershed Category Code:</b>	
<b>Environmental Impact:</b>	Not Anticipated		
<b>Nature of Impact:</b>			
<b>Incident Cause:</b>		<b>Incident Reason:</b>	
<b>Damaged Party:</b>	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):	
<b>Act - Regulation - Section, Description</b> <b>(General Offence)</b> 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:

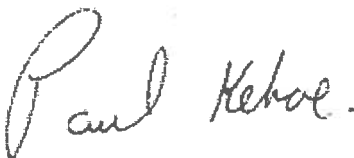
**Area Supervisor:**

Name: Paul Kehoe

**Work Unit:**

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

Signature:









**OCCURENCE REPORT**

<b>Location of Occurrence:</b> NEPEAN CITY 7000 CAMPEAU DRIVE, KANATA  Reg: 4 Dist: OT Municipality: 20104		<b>Source:</b> KANATA GOLF AND COUNTRY CLUB  <b>Sector: SI Source: WS SIC:</b> <b>UTM:</b> N: [5014000] E: [439000] Zone: [18]	
<b>Entered:</b> 1999/10/08 10:33	<b>ORIS No.</b> 9940001939	<b>Abstracts:</b> 0	<b>Diaries:</b> 0
<b>Received By:</b> TRUDY HERFKENS		<b>Batch:</b> 3284	<b>I. E. B. No.</b>
<b>Occurrence Type:</b> N	<b>Subtype:</b> 04	<b>Occurrence Date:</b>	1999/09/27
<b>Work Plan:</b>	WH	<b>Occurrence Time:</b>	
<b>Reported By:</b> DRAIN ALL LTD.		<b>Report to MOE:</b> 1999/09/27 00:00 <b>MOE at Scene:</b>	
<b>Telephone No.</b> 613-739-1070 x	<b>Alternate No.</b> x	<b>Assigned To:</b>	GREG MONTCALM
<b>Address:</b> 2705 STEVENAGE DRIVE GLOUCESTER, ONTARIO Postal Code: K1G 3N2		<b>ERP Contacted:</b> <b>Callout:</b> <input type="checkbox"/> <b>NSP:</b> <input type="checkbox"/> <b>ERP Name:</b>	
<b>Syn:</b> ISSUED EMERGENCY GENERATOR NUMBER			
<b>Brief Summary:</b> 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 >>			
<b>Followup Action:</b> X Abatement IEB Other <b>BF Date:</b>			
<b>File Closed:</b> Y Abatement: IEB Other <b>Suspected Violation:</b>			
<b>Report Prepared By:</b> TRUDY HERFKENS	<b>Date:</b> 99/10/08	<b>IEB Investigator:</b>	<b>IEB BF Date</b>
<b>Approving Officer</b> GEORGE CLARKE	<b>Date:</b> 99/10/08	<b>Reviewing Officer:</b>	<b>Date</b>
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 _____
<b>SAC Action Class:</b> 1: 2:			

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

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

<b>Client:</b>	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		
<b>Inspection Site Address:</b>	Kanata Golf and Country Club Address: 7000 Campeau Drive, Kanata, ON, K2K 1X5, Ottawa, City, K2K 1X0 District Office: Ottawa		
<b>Contact Name:</b>	Mike Fortier	<b>Title:</b>	Superintendent
<b>Contact Telephone:</b>	(613)592-1095 ext	<b>Contact Fax:</b>	(613)592-2169
<b>Last Inspection Date:</b>			
<b>Inspection Start Date:</b>	2003/06/17	<b>Inspection Finish Date:</b>	2003/06/17
<b>Region:</b>	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:

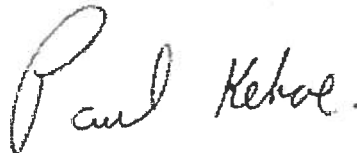
Name: Jena Leavoy  
District Office: Ottawa District Office  
Date: 2003/07/10  
Signature

### 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](http://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<sup>6</sup>  
 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

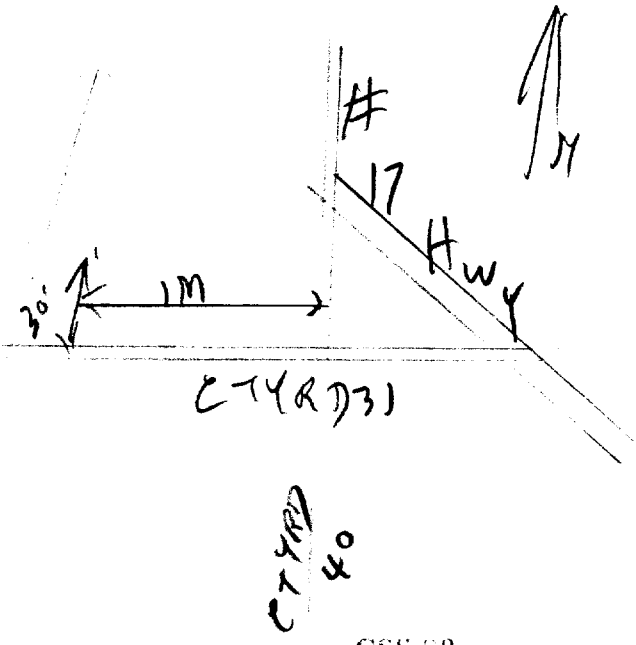
## Water Record

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 01 923 0 N

Elev: 4 R 0 35 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: 1031

Name of Driller or Borer: Same

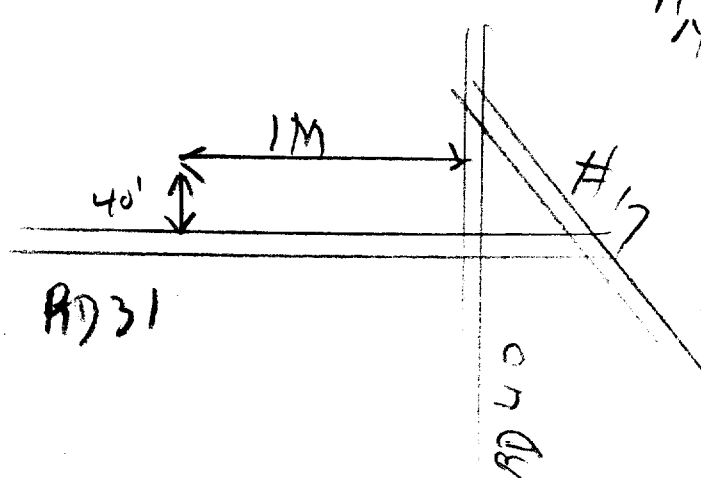
Address: (Signature)

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



31250

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

5 R 5019230 N

The Ontario Water Resources Commission Act

Elev. 4 R 0350

# WATER WELL RECORD

Basin 25  
County or District Carl.

Township, Village, Town or City March

Con. 2 Lot 6

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)
clay	0'	3'	105'	fresh
granite	3'	106'		

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

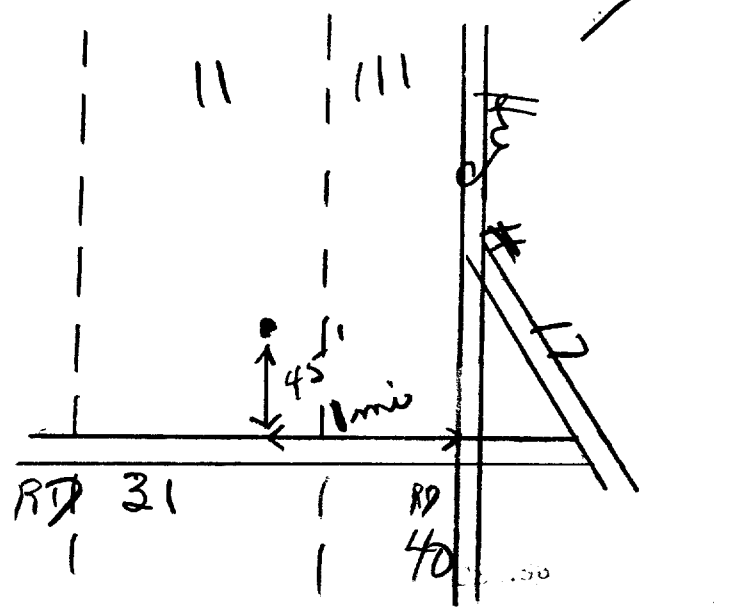
Date Dec. 14 1964

*Halter Kavanagh*  
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

### Location of Well

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





UTM 18 428290  
 5R 5018870  
 Elev. 4R 0330

3165d

15 No 3338

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. Address 251 LAURIER AVE, OTTAWA  
 (print in block letters)

### Casing and Screen Record

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"

### Pumping Test

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

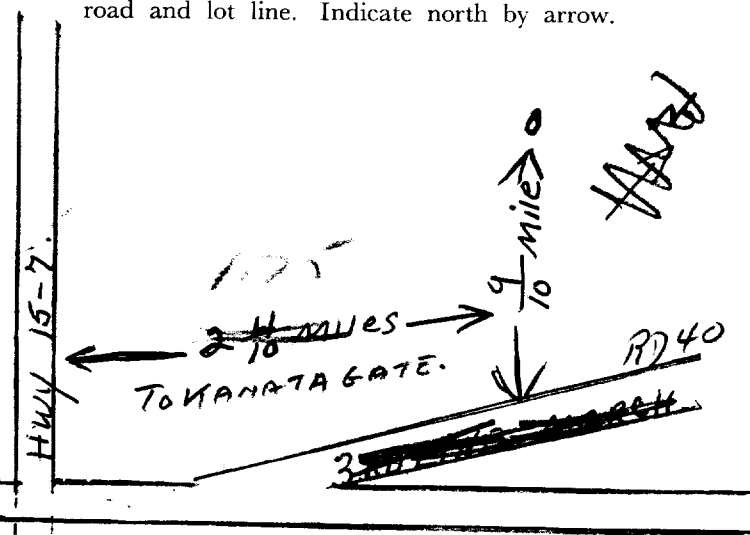
### Well Log

Overburden and Bedrock Record	Water Record			
	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
EARTH	0	18		
GRANITE	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  
 A. P. Schay  
 (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.



SEE PLAN (377) 1) I 4302

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.: **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**

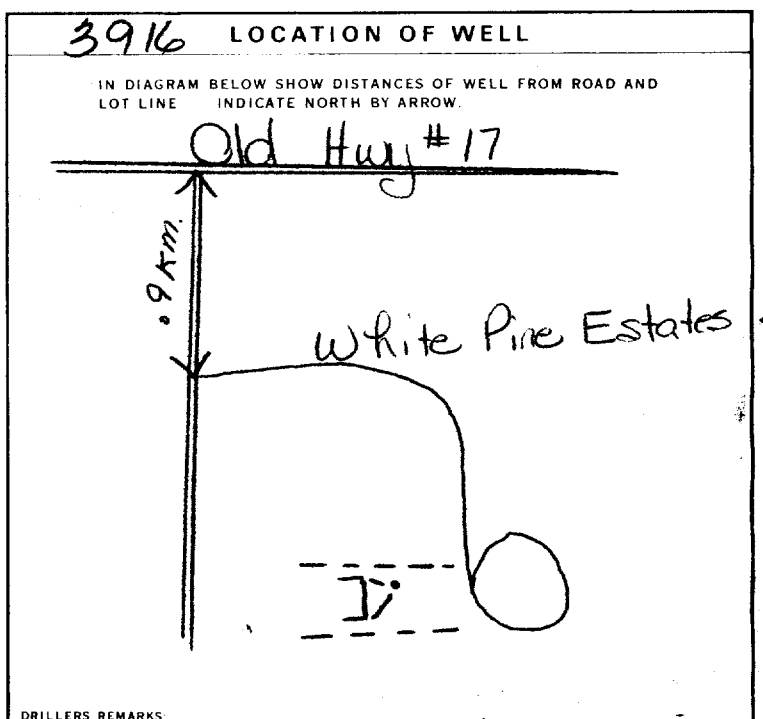
WATER RECORD		CASING & OPEN HOLE RECORD		SCREEN	
WATER FOUND AT FEET: <b>0030'</b>	KIND OF WATER: <input checked="" type="checkbox"/> FRESH <input type="checkbox"/> SALTY <input type="checkbox"/> SULPHUR <input type="checkbox"/> MINERAL	INSIDE DIAM. INCHES: <b>06 5/8</b>	MATERIAL: <input checked="" type="checkbox"/> STEEL	WALL THICKNESS INCHES: <b>.188</b>	DEPTH - FEET: FROM <b>0</b> TO <b>0022</b>
					DEPTH SET AT: FROM <b>22</b> TO <b>0035</b>

71 PUMPING TEST METHOD:  PUMP

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

WATER LEVELS DURING PUMPING:  
 15 MINUTES: **020** FEET  
 30 MINUTES: **020** FEET  
 45 MINUTES: **020** FEET  
 60 MINUTES: **020** FEET

RECOMMENDED PUMP TYPE:  SHALLOW  DEEP  
 RECOMMENDED PUMP SETTING: **025** FEET  
 RECOMMENDED PUMPING RATE: **0005** GPM



FINAL STATUS OF WELL: **1**

WATER USE: **01**

METHOD OF DRILLING: **5**

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: 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	
	1 <input type="checkbox"/> STEEL 12 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE		FROM	TO
6 1/4"	1 <input checked="" type="checkbox"/> STEEL	.188	0	22'
6"	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		22'	38'

**SCREEN**

SIZE (SI) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
0	22	38

MATERIAL AND TYPE: CEMENT GROUT (TYPE 10)  
DEPTH TO TOP OF SCREEN: 41-43

**61 PLUGGING & SEALING RECORD**

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO
0	22
18-21	22-25
24-29	33-35

**71 PUMPING TEST**

PUMPING TEST METHOD:  PUMP 2  BAILEY

PUMPING RATE: 20 GPM

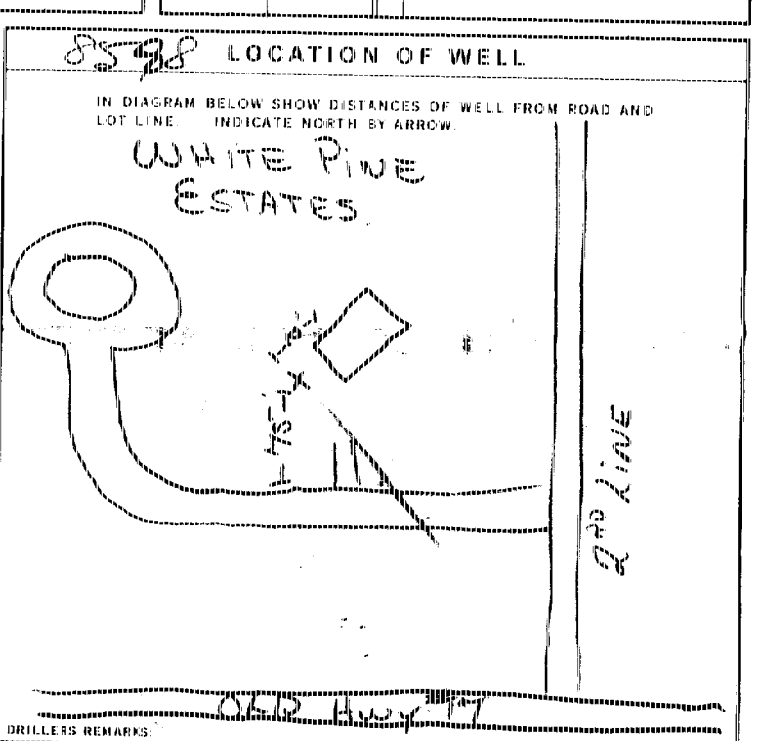
DURATION OF PUMPING: 1 HOURS

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

5  ABANDONED, INSUFFICIENT SUPPLY  
6  ABANDONED, POOR QUALITY  
7  UNFINISHED

**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 (REVERSIE)  
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







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

11

1532119

Municipality  
15006

Con. 02  
CON

County or District <b>OTTAWA CARLETON</b>	Township/Borough/City/Town/Village <b>KANATA (March Twp)</b>	Con block tract survey, etc. <b>CONCESSION 2</b>	Lot <b>A</b>
Owner's surname <b>CITY OF OTTAWA</b>	First Name	Address <b>110 Laurier Ave W Ottawa Ont.</b>	Date completed <b>18 07 01</b> 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 of HCE 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"/> Sulphur	<input type="checkbox"/> Minerals	<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Gas
15-18	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	<input type="checkbox"/> Minerals	<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Gas
20-23	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	<input type="checkbox"/> Minerals	<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Gas
25-28	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	<input type="checkbox"/> Minerals	<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Gas
30-33	<input type="checkbox"/> Fresh	<input type="checkbox"/> Sulphur	<input type="checkbox"/> Minerals	<input type="checkbox"/> Gas	<input type="checkbox"/> Salty	<input type="checkbox"/> Gas

**51 CASING & OPEN HOLE RECORD**

Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6.5"	<input checked="" type="checkbox"/> Steel	.188	1	20
6"	<input type="checkbox"/> Galvanized		20	96
	<input type="checkbox"/> Concrete			
	<input type="checkbox"/> Open hole			
	<input type="checkbox"/> Plastic			

**SCREEN**

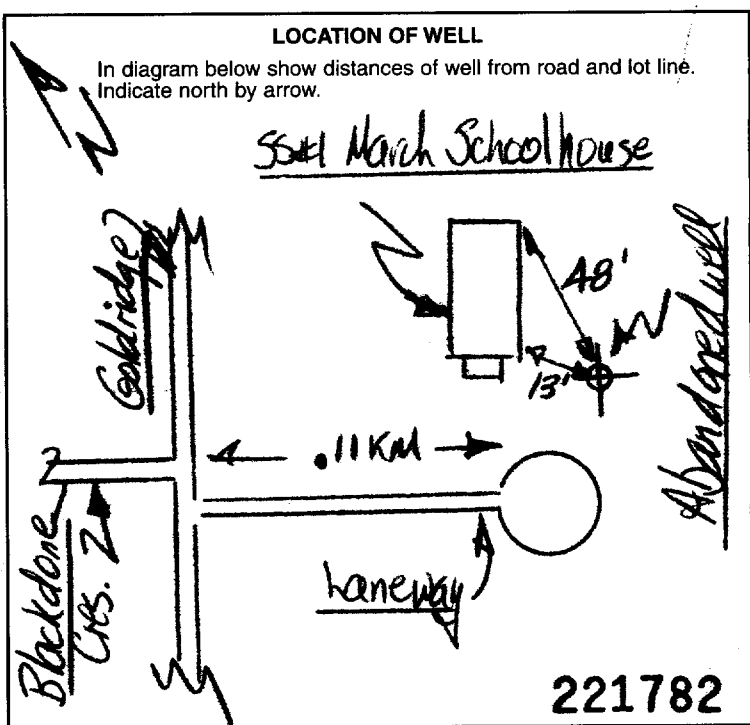
Sizes of opening (Slot No.)	Diameter inches	Length feet
Material and type		Depth at top of screen feet

**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.)
0 96	Heavy grout
18-21	24/30
26-29	30-33

**71 PUMPING TEST**

Pumping test method <input type="checkbox"/> Pump <input type="checkbox"/> Bailor	Pumping rate GPM	Duration of pumping Hours
Static level 21 feet	Water level end of pumping 22 feet	Water levels during
		15 minutes: 26 feet
		30 minutes: 29 feet
		45 minutes: 32 feet
		60 minutes: 35 feet
If flowing give rate GPM	Pump intake set at feet	Water at end of test <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	Recommended pump setting feet	Recommended pump rate GPM



**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	

**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	

**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 4875**

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  
*[Signature]*

Submission date  
**18 07 01**  
day month year

**MINISTRY USE ONLY**

Data source <b>4875</b>	Contractor <b>4875</b>	Date received <b>JUL 23 2001</b>
Date of inspection	Inspector	
Remarks <b>CSS.ES1</b>		



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

GRID COORDINATES: UTM 18, EASTING 427799, NORTHING 5018199, ELEVATION 40360, 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

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

SCREEN

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

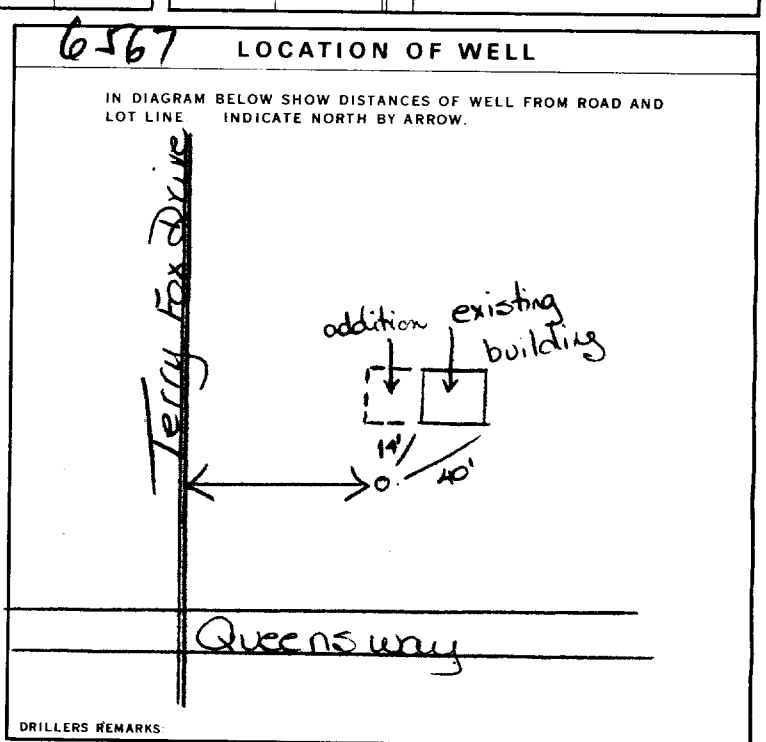
61 PLUGGING & SEALING RECORD

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

PUMPING TEST METHOD	PUMPING RATE GPM	DURATION OF PUMPING HOURS
1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	0030	01

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		



81 FINAL STATUS OF WELL

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

5  ABANDONED, INSUFFICIENT SUPPLY  
6  ABANDONED, POOR QUALITY  
7  UNFINISHED

81 WATER USE

1  DOMESTIC  
2  STOCK  
3  IRRIGATION  
4  INDUSTRIAL  
5  OTHER: Small Recreation Centre

81 METHOD OF DRILLING

1  CABLE TOOL  
2  ROTARY (CONVENTIONAL)  
3  ROTARY (REVERSE)  
4  ROTARY (AIR)  
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: [blank]  
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: [blank]  
INSPECTOR: [blank]  
REMARKS: [blank]



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](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in black ink, appearing to read 'Melanie Vivian', with a horizontal line extending to the right.

Melanie Vivian

Per:

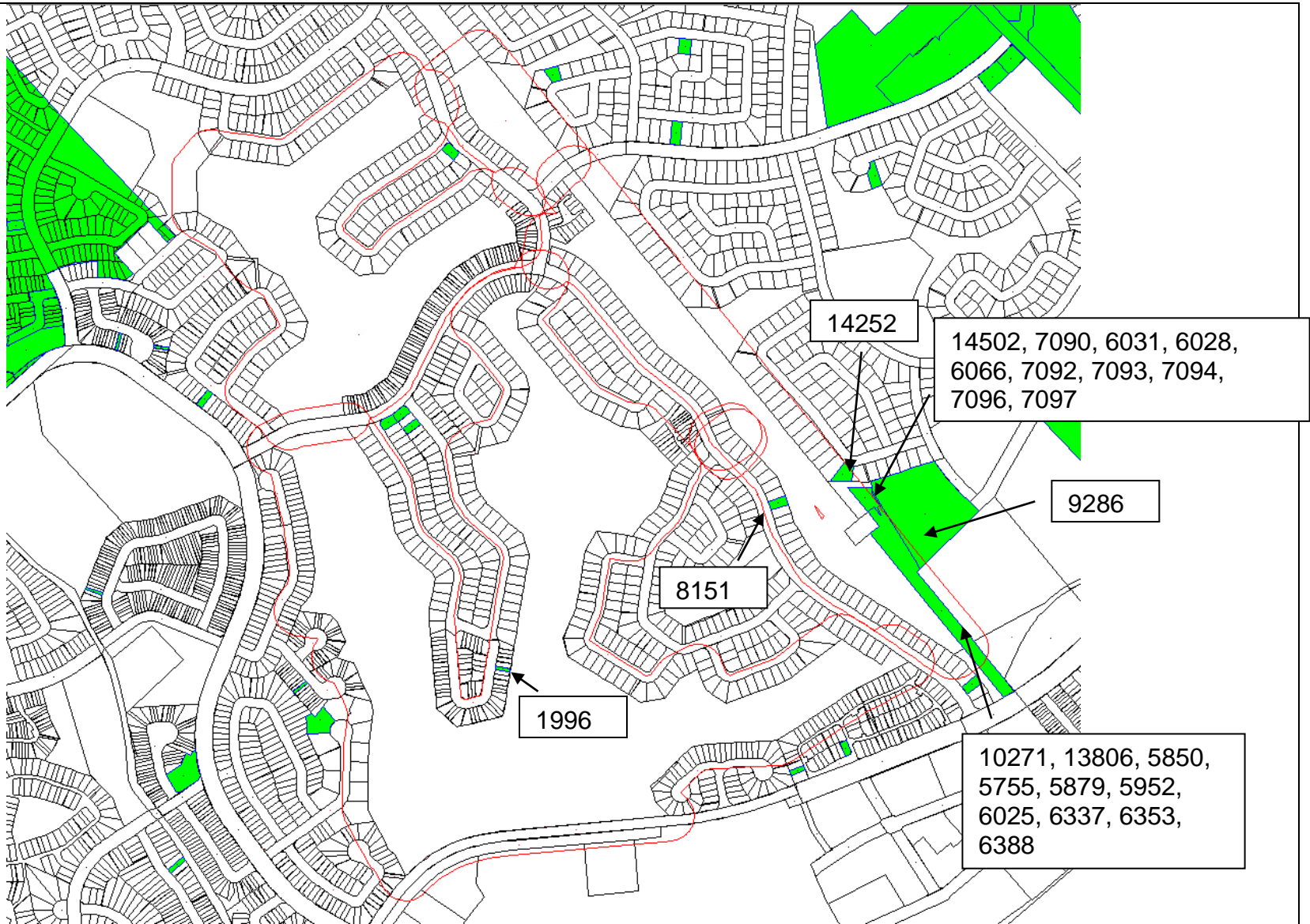
Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services  
Planning, Infrastructure and Economic Development Department

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

<b>NAICS</b>	<b>SIC</b>
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

<b>NAICS</b>	<b>SIC</b>
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

<b>NAICS</b>	<b>SIC</b>
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](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto: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

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**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](mailto:kmunch@patersongroup.ca)

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

# **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