December 1, 2011 File: PE2357-REP.01

Claridge Homes 2001-210 Gladstone Avenue Ottawa, Ontario K2P 0Y6

Attention: Mr. Neil Molhotra

Subject: Phase I - Environmental Site Assessment

175 Richmond Road Ottawa, Ontario

Dear Sir,

Please find enclosed, six (6) copies of Report PE2357-1 regarding the environmental site assessment conducted for the aforementioned site.

We trust that this is to your satisfaction.

Sincerely,

Paterson Group Inc.

Mark S. D'Arcy, P.Eng.

Geotechnical Engineering

Environmental Engineering

**Hydrogeology** 

Geological Engineering

**Materials Testing** 

**Building Science** 

# patersongroup

**Phase I - Environmental Site Assessment** 

175 Richmond Road Ottawa, Ontario

**Prepared For** 

Claridge Homes

# **Paterson Group Inc.**

Consulting Engineers 28 Concourse Gate - Unit 1 Ottawa (Nepean), Ontario Canada K2E 7T7

Tel: (613) 226-7381 Fax: (613) 226-6344 www.patersongroup.ca December 1, 2011

Report: PE2357-1



# **TABLE OF CONTENTS**

		PAG	Ε
EXEC	JTIVE S	SUMMARY	ii
1.0	INTRO	DUCTION	1
2.0	PHASE	E I PROPERTY INFORMATION	2
3.0	SCOPI	E OF INVESTIGATION	3
4.0	RECOI 4.1 4.2 4.3	RDS REVIEW Historical Research Field Assessment	4 2
5.0	INTER	VIEWS 1	9
6.0	SITE F 6.1 6.2 6.3 6.4	RECONNAISSANCE 2 General Requirements 2 Specific Observations at Phase I Property 2 Enhanced Investigation Property 2 Neighbouring Properties 2	20 20 25
7.0	REVIE 7.1 7.2 7.3	W AND EVALUATION OF INFORMATION	30 32
8.0	CONC	LUSIONS 3	6
9.0	STATE	EMENT OF LIMITATIONS 3	8
10.0	REFE	RENCES 3	9
List of	Figure	es es	
Figure Drawin	g PE23	Plan ographic Map 157-2 - Surrounding land Use Plan 157-3 - Conceptual Site Model	
List of	Appen	dices	
Append	dix 1	Chain of Title Plan of Survey Aerial Photographs Site Photographs	
Append	dix 2	MOE Freedom of Information Request TSSA Correspondence City of Ottawa Historical Land Use Information Request MOE Well Records	
Annan	div 3	Qualifications of Assessors	



#### **EXECUTIVE SUMMARY**

#### Assessment

Paterson Group was retained by Claridge Homes to conduct a Phase I - Environmental Site Assessment (ESA) of the property located at 175 Richmond Road, in the City of Ottawa, Ontario. The purpose of this Phase I – Environmental Site Assessment (Phase I – ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Based on the findings of the historical research and the site inspection, potential environmental concerns were identified with the former use of a large underground furnace oil storage tank along the east side of the building, the former use of the site by General Electric (1950-1977) for the manufacture of fridges and stoves, the former and current storage of Canadian Bank Note Company chemicals and equipment, the hydraulic piston elevator and the former property to the south (across Richmond Road) by Crain Printers (1940's to 1990's). A Phase II ESA was conducted in 2009 and a Supplemental Phase II ESA was conducted in October of 2011, in order to address most of the above mentioned concerns. The elevator and Canadian Bank Note storage areas were not addressed as part of the previous Phase II investigations.

Based on the findings of the previous subsurface investigations, the southern portion of the property was not considered to have been impacted by the Crain Printers facility formerly located south of the site, across Richmond Road. No signs of contamination were identified on the northern portion of the site, as a result of the former on-site manufacturing operations. Petroleum hydrocarbon (PHC) and benzene, toluene, ethylbenze and xylene (BTEX) contaminated soil and groundwater was identified in the vicinity of the former UST.

#### Reccomendations

Contaminated soil and groundwater are present in the area of the former on-site underground fuel storage tank nest. It is recommended that a soil and groundwater remediation program be conducted in this area to remove and dispose of the soil and groundwater in excess of the MOE Table 3 standards for a residential land use. It is also recommended that an additional soil and groundwater testing program be conducted for the soil beneath the Canadian Bank Note Company storage area and the elevator pit. All waste chemicals should be removed from the property and properly disposed of, as soon as possible

Impacted soil must be disposed of at an approved waste disposal facility. A leachate analysis in accordance with Ontario Regulation 347/558, will be required prior to disposal. It is also recommended that Paterson personnel be present during the sampling program, and also during the removal of the impacted soil and groundwater to provide direction and obtain confirmatory samples upon the completion of the remediation program.



#### 1.0 INTRODUCTION

At the request of Claridge Homes, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (ESA) of the property located at 175 Richmond Road, 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 and 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. Neil Malhotra of Claridge Homes, the current owner of the subject site located at 175 Richmond Road, Ottawa, Ontario, K1Z 6W3. Mr. Malhotra can be reached by telephone at (613) 233-6030. The Phase I - ESA was commissioned to support the filing of a Record of Site Condition (RSC) for a modification in land use from commercial to residential.

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 - Environmental Site Assessment report has been prepared in general accordance with the agreed scope-of-work and the general requirements of Ontario Regulation 511/09 made under the 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 PROPERTY INFORMATION

Address: 175 Richmond Road, Ottawa, Ontario

Parcel Identification

Number: 04021-0073

Legal Description: Part Lot 1, Plan 376, as in N723397; Lots 2 to 5, Plan 376,

City of Ottawa.

Location: The subject property is located at the northwest corner of

the intersection of Richmond Road and Kirkwood Avenue, in the City of Ottawa, Ontario. Refer to Figure 1 - Key Plan,

following the body of this report, for the site location.

Latitude and Longitude: 45°23'45" N, 75°44'50" W

**Site Description:** 

Configuration: Irregular

Site Area: 6,475 m<sup>2</sup>

Zoning: IG 1 - General Industrial Zone

Current Use: The subject property is currently occupied by a two (2) to

three (3) storey commercial building with a partial basement

level.

Services: The subject property is situated in a municipally serviced

neighbourhood.



#### 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 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 511/09 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

Report: PE2357-1 December 1, 2011



#### 4.0 RECORDS REVIEW

#### 4.1 General

## **Phase I Study Area Determination**

A radius of 250 m was determined to be appropriate as a Phase I study area for the Phase I Environmental Site Assessment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distances from the site.

## First Developed Use Determination

According to the Chain of Title, the site was owned exclusively by individuals from 1915 to 1946 when a portion of the property was purchased by the Canadian Bank Note Company. The entire property was purchased by Canadian General Electric Company Limited (General Electric) in 1950 and sold to Max Cantor in 1977, although the property was still leased by General Electric. A foreclosure is registered in 1995, in favour of The Imperial Life Assurance Company of Canada. The property was subsequently purchased by 122856 Canada Limited in 1997 and leased to Zenix Engineering Limited in 2005. The property was purchased by Claridge Homes (Westboro) Inc., the current property owner, in October of 2011.

An aerial photograph from 1946 show the presence of what appears to be at least one (1) residential structure on the central portion of the subject site. It should be noted that the photograph is too poor in scale to show any significant details. Aerial photographs from 1953 through 2008, clearly show the subject structure. City directories, which were reviewed at the National Archives as part of this assessment, indicate that the subject property was first listed with the existing structure in 1952, at which time it was occupied by Canadian General Electric Company. According to the directories, the subject site remained occupied by Canadian General Electric until 1978. The property was subsequently listed as vacant in 1979, and has been listed as various commercial businesses (retail and offices) since 1980. For the purposes of this report, the subject property was first developed for residential purposes in the early 1900's until developed with the existing structure circa 1950.

#### **Fire Insurance Plans**

Fire Insurance Plans (FIPs), dated 1956, were reviewed at the National Archives as part of this assessment. Based on the FIPs, the subject property was occupied by Canadian General Electric Company at the time. The adjacent property to the east, across Kirkwood Avenue, was occupied by the Canadian Bank Note, while the adjacent property to the south, across Richmond Road, was occupied by Crain Printers.



Adjacent properties to the west were occupied by residential dwellings, and the adjacent property to the north, across Wilber Avenue, was vacant. In addition to the Candian Bank Note and Crain Printers, the FIPs identified several more potentially contaminating activities in the vicinity of the subject property. The potentially contaminating activities are summarized in Table 1.

Table 1: 1956 FIPs - Potentially Contaminating Activity in Phase I Study Area						
Address	Activity	Approximate Distance/Orientati on from Subject Site	Potential Environmenta I Concern for Subject Site (Y/N)			
105 Richmond Road	Automotive Service Garage	215 m - E	N			
130 Richmond Road	Crain Printers	20 m - S	N			
145 Richmond Road	Canadian Bank Note	25 m - E	N			
205 Richmond Road	Pepsi-Cola Co. Of Canada Ltd.	90 m - W	N			
225 Richmond Road	Gasoline Service Station	170 m - W	N			
199 McRae Avenue	Thomas G. Fuller Ltd., Contractors Yard	100 m - W	N			
346 A McRae Avenue	Automotive Service Garage	175 m - W	N			
320 McRae Avenue	Willy's Body Shop	180 m - NW	N			
307 Clifton Road	Transformer Sub-Station	120 m - SW	N			
Scott Street	Canadian Pacific Railway and associated warehouses	160 m - N	N			
Latchwood Road	Independent Coal & Lumber Company	210 m - N	N			

Based on its location of less than 50 m upgradient of the subject site, the Crain Printers property at 130 Richmond Road would typically be considered to have had the potential to impact the subject site. However, based on previous engineering reports, the Crain Printers facility is not considered to have impacted the subject site.



None of the other potentially contaminating activities identified on the 1956 FIPs are considered to have had the potential to impact the subject site given their distances and/or orientations (down- or cross-gradient) with respect to the subject property.

## **City of Ottawa Street Directories**

City directories from 1930 to 2010 were reviewed at the National Archives, in approximate 10 year intervals, as part of the Phase I ESA. The city directories identified the following listings for the subject property.

Table 2: City Directories - Listings for Subject Site					
Site Occupant	From	То	Potential Environmental Concern (Y/N)		
Marlin Travel, Ottawa Vocal and Dance Performance Academy, Gotta Paint, Genivar, Nan's Fashion and Beauty Supplies, Elation Centre	>2000	2010	N		
Guillevin International Pro-restaurant equipment supply	1990	2010	N		
Crackers Restaurant Two, Marine Mail Order Supply, Eastern Ontario Swimming Association, Guillevin International Inc. Electric Wholesale	1990	<2000	N		
Copper Kettle Restaurant	1980	<1990	N		
Canadian General Electric Company	1952	1978	Y		

Neighbouring properties were listed as a combination of residential, commercial and institutional. Several potentially contaminating activities were identified and are summarized in Table 3 below.



Table 3: City Directories - Potentially Contaminating Activities in Phase I Study Area						
Address	Listed Activity	Years Listed	Distance / Orientation from Site	Potential Environmental Concern (Y/N)		
345 Tweedsmuir Avenue	Lew's Auto Upholstery Frappier's Garage	1969 1959	210 m - W	N		
320 McRae Avenue	Auto Rebex Carson Auto Body	2000, 2010 1990	185 m - NW	N		
330 McRae Avenue	Gifford Auto	2010	180 m - NW	N		
356 McRae Avenue	Lloyd's Service Centre	1979	170 m - W	N		
359 McRae Avenue	Gifford Auto	2000	85 m - W	N		
Clifton Road	Coal and Lumber Yard	1969, 1959, 1949	210 m - N	N		
1950 Scott Street	Independent Coal, Oil and Lumber Service Station	1959, 1969 1959	150 m - NW	N		
1960 Scott Street	Capital Landscaping Co. Gervais Motors	2010 1990	135 m - NW	N		
1976 Scott Street	Shouldice Construction Warehouse Auto Upholstery J's Gas Bar Westboro Motors	1959 1959, 1969 1976 2010	185 m - NW	N		
90 Richmond Road	Appliance Recycling Depot  Esquire Cleaners Dominion Helicopters JW Bell Paper Co. Lowney & O'Connor roofers	2000, 1996, 1990, 1986, 1976 1970 1966 1956 1946	210 - SE	N		
93 Richmond Road Goodwill Auto  Landsdowne VW Bernard Motors		2000, 1996, 1990, 1986 1976 1966	255 m - E	N		
107 Richmond Road	Gibson Service Station	1960	220 m - E	N		



Table 3 Continued: City Directories - Potentially Contaminating Activities in Phase I Study Area						
Address	Listed Activity	Years Listed	Distance / Orientation from Site (approx)	Potential Environmental Concern (Y/N)		
109 Richmond Road	Canadian Tire gas bar Westboro Motor Sales Munro Garage Munro Car Dealer	1986, 1976 1966 1956 1946	220 m - E	N		
119 Richmond Road	Canadian Tire	2010, 1996, 1990, 1986, 1976, 1966	150 m - E	N		
125 Richmond Road	Biggs Car Lot	1956	150 m - E	N		
145 Richmond Road	Canadian Bank Note	2010, 2000, 1996, 1990, 1986, 1976, 1966	20 m - E	N		
190 Richmond Road	Crain-Drummond Transport	2000	25 m - S,SW	Υ		
201 Richmond Road	Sheera Car Care	2000	87 m - W	N		
225 Richmond Road	Otto's Service Centre Westboro Auto Imports Shell Service Station	2010, 2000, 1990 1980 1970, 1960, 1949	165 m - W	N		
235 Richmond Road	Otto's Car Sales and Service	1980	210 m - W	N		
236 Richmond Road	McEwen Petroleum/ Nick's Service Centre	2010, 2000, 1990, 1980, 1970, 1960	220 m - SW	N		
245 Richmond Road	Otto's Subaru	2000, 1990, 1980, 1970, 1960	245 m - W	N		
255 Richmond Road	Lusitania Auto Body Holoway Motors Auto Garage	2010, 2000, 1990, 1980, 1970 1960, 1949	280 m - W	N		
256 Richmond Road	Sunoco Service Station	2010, 2000, 1990, 1980, 1970, 1960	275 m - SW	N		



Based on its location of less than 50 m upgradient of the subject site, the Crain Drummond property at 190 Richmond Road would typically be considered to have had the potential to impact the subject site. This property is considered to have also been addressed as 130 Richmond Road, the Crain Printers property, which is not listed in the city directories. As mentioned previously, this property is not considered to have impacted the subject site, based on previous engineering reports.

None of the other potentially contaminating activities identified in the city directories are considered to have had the potential to impact the subject site given their distances and/or orientations (down- or cross-gradient) with respect to the subject property.

#### **Chain of Title**

Paterson verified the current land title with Read Abstracts Limited. According to the Chain of Title, the site was owned exclusively by individuals from 1915 to 1946. It appears as though a portion of the property was purchased by the Canadian Bank Note Company in 1946 and subsequently sold to Canadian General Electric Company Limited (General Electric) in 1950. General Electric also purchased the remaining portion of the property, from a private individual, in 1950. In 1977 the deed became registered to Max Cantor, however a lease also dated 1977, was registered from Max Cantor to General Electric. Leases are also registered from Max Cantor to Canadian Appliance Manufacturing Company Ltd. in 1977, to Paul A. Thibodeau (The Soup Kettle Restaurant Limited) in 1979, and to Charles Finkelstein in 1981. A foreclosure is registered in 1995, in favour of The Imperial Life Assurance Company of Canada. The property was purchased by 122856 Canada Limited in 1997 and leased to Zenix Engineering Limited in 2005. The property was purchased by Claridge Homes (Westboro) Inc., the current property owner, in October of 2011. A copy of the Chain of Title is provided in Appendix 1.

#### **Environmental Reports**

The following reports were reviewed prior to conducting the Phase I ESA:

- "Phase I-II Environmental Site Assessment, 175 Richmond Road, Ottawa, Ontario", prepared by Paterson Group, dated November, 2009; and
- "Supplemental Phase II Environmental Site Assessment, Existing Commercial Property, 175 Richmond Road-Ottawa, Ontario", prepared by Paterson Group, dated October 19, 2011.



Based on the findings of the original Phase I-ESA, potential environmental concerns identified include the former use of a furnace oil underground storage tank (UST) along the east side of the subject building, the former use of the site by General Electric for the manufacture of refrigerators and stoves, and the former use of the adjacent property to the south (across Richmond Road) by Crain Printers from the 1940's to the 1980's. A Phase II-ESA was recommended and conducted to identify potential soil and groundwater impacts from the above-noted areas of the concern.

A borehole equipped with a groundwater monitoring well was placed on the southern portion of the subject site to address the former printing facility across Richmond Road. There was no evidence of contamination observed in the soil or groundwater samples recovered from the borehole and organic vapour readings were considered to be representative of background conditions. No detectable concentrations of volatile organic compounds (VOCs) were detected in the groundwater sample submitted for analysis. Based on these findings, the Crain Printers facility was not considered to have had an impact on the subject site.

Three (3) boreholes were advanced in the area of the former tank nest. Hydrocarbon impact (odour, staining and elevated vapours) was noted in some of the samples from the boreholes placed inside and north of the former tank nest. Soil samples were submitted for benzene, toluene, ethylbenzene and xylenes (BTEX) and/or petroleum hydrocarbons (PHCs -  $F_1$ - $F_4$ ) analysis. PHCs ( $F_2$  and/or  $F_3$ ) concentrations in excess of the MOE Table 3 standards were detected in samples recovered in the footprint of the former tank nest and north of the former UST. Based on this information, the former furnace oil UST has impacted the subsurface of the subject property.

Two (2) boreholes were placed on the northern portion of the site in order to assess the former on-site industrial activities. No visual or olfactory signs of contamination were noted in the soil samples recovered from these boreholes. No VOC parameters were detected in the soil sample submitted for analytical testing.

It was recommended that the area of the former tank nest be remediated to comply with MOE standards. A more detailed delineation program was recommended for both the interior and exterior of the subject property.

Very limited information on the former site operations during General Electric ownership was available during the assessment. It was recommended that an additional attempt be made at locating original building plans in order to gather more information on the former manufacturing operations in order to determine whether additional outstanding areas of concern exist. It was also recommended that the maintenance and decommissioning contractor for the piston elevator be contacted in order to ensure that the elevator was in good condition when decommissioned with no significant leaks (current or historical) from the unit.



Finally, it was recommended that reference be made to a previous asbestos survey conducted by T. Harris (2007), to obtain further details on potential asbestos containing materials within the building, and that lead testing be conducted in the building prior to the disturbance of older painted surfaces.

During the supplemental Phase II-ESA, conducted in May and June of 2011, seven (7) additional boreholes were placed on the subject property. BTEX and PHC concentrations in excess of the MOE Table 3 standards were identified in the soil samples recovered from boreholes in the vicinity of the former UST. No detectable BTEX or PHC concentrations were identified in the soil samples collected from the remaining boreholes.

PHC concentrations in excess of the MOE Table 3 standards were identified in the groundwater sample collected from BH4. PHC parameters were not detected in the groundwater samples collected from BH6 and BH7. VOC parameters were not detected in any of the groundwater samples.

It was recommended that a soil and groundwater remediation program be conducted in the area of the former on-site underground storage tank nest, in order to remove and dispose of the soil and groundwater in excess of the MOE Table 3 standards. It was suggested that the remediation program be carried out at the time of site redevelopment, in order to reduce costs.

#### Plan of Survey

A current plan of survey, dated March 17, 2011 and prepared by Annis, O'Sullivan, Vollebekk Ltd., was provided to Paterson for review. A copy of the plan of survey is included in Appendix 1.



#### 4.2 Environmental Source Information

#### **Environment Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on November 4, 2011. The subject site was not listed in the NPRI database. A record was identified for the Canadian Bank Note property located east of the property, across Kirkwood Avenue, at 145 Richmond Road. The database indicates that in 2009 11 tonnes of volatile organic compounds were released to the air. These air emissions are not considered to be a concern to the subsurface soil and groundwater conditions at the subject site. The NPRI database also indicates a release of 4.5 kg at the Canadian Bank Note property as well as the off-site disposal of 12 kg of Hexavalent Chromium (and its compounds) from this property. Based on the nature of metals and the orientation of the CBNC cross-gradient from the subject site, the release at the CBNC property is not considered to pose a significant concern to the subject property. No other properties within the 250 m Phase I study area were listed in the NPRI database.

## **PCB Inventory**

A search of national PCB waste storage sites was conducted. No PCB was storage sites are located within the study area.

## Ontario Ministry of the Environment (MOE) Instruments

A request for information was submitted to the MOE Freedom of Information office for information with respect to Certificates of Approval, Permits to Take Water, Certificates of Property Use or any other similar MOE issued instruments for the site. At the time of issuing this report a response had not yet been received from the MOE. A copy of the response will be forwarded to the client when it is received, along with an addendum letter to this report. A copy of the request is provided in Appendix 2.

#### **MOE Coal Gasification Plant Inventory**

The Ontario Ministry of the Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the location of former plants with respect to the subject site. No coal gasification plant sites were identified within the Phase I study area.



# **MOE Incident Reports**

A request was submitted to the MOE Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MOE for the site or adjacent properties. At the time of issuing this report a response had not yet been received from the MOE. A copy of the response will be forwarded to the client when it is received, along with an addendum letter to this report. A copy of the request is provided in Appendix 2.

It should be noted that the same request was made for the subject property in 2009. The results of the search identified an occurrence report from 1997 and an MOE Hazardous Waste Information Network (HWIN) record. The occurrence report concerned a reported release of CFC's to the atmosphere by Pro Restaurant Equipment. No violation was confirmed. A copy of this information, along with the original MOE request form is also provided in Appendix 2.

## **MOE Waste Management Records**

A request was submitted to the MOE Freedom of Information office for information regarding waste management records, which are not anticipated to exist within the files maintained by the MOE. Applicable information of current and historical waste storage locations, waste generators and waste receivers pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (O.Reg.347) was considered in this review. At the time of issuing this report, a response had not yet been received from the MOE. A copy of the response will be forwarded to the client when it is received, along with an addendum letter to this report. A copy of the request form is included in Appendix 2.

As mentioned previously, a similar request was made for the subject property in 2009, at the time of the initial Phase I-II ESA. The HWIN record indicated that a liquid waste classified as 221-L was generated on site and disposed off-site. No other details were provided. A copy of this information and the original request form are provided in Appendix 2.

#### **MOE Submissions**

A request was submitted to the MOE Freedom of Information office for information regarding reports related to environmental conditions which are expected to have been submitted to the MOE. At the time of issuing this report, a response had not yet been received from the MOE. A copy of the response will be forwarded to the client when it is received, along the an addendum letter to this report. A copy of the request form is included in Appendix 2.



# Ontario Ministry of the Environment (MOE) Notices and Instruments

A search of the MOE Brownfields Environmental Site Registry was conducted as part of this assessment, for the subject site and properties located within the Phase I study area. Four (4) records of site condition (RSCs) within the Phase I study area, were listed in the site registry. The properties are as follows: 1900 Scott Street (the residential development located approximately 20 m north of the subject site, across Wilber Avenue), 111 Richmond Road (located approximately 155 m east of the site, immediately east of the Canadian Bank Note Company property), 101 Richmond Road (approximately 240 m east of the site) and 93 Richmond Road (approximately 250 m east of the site). Based on information contained in the registry and in our files, these properties are not considered to pose a concern to the subject site.

# **MOE Waste Disposal Site Inventory**

The Ontario Ministry of Environment document entitles "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. Based on this document, there are no active or closed waste disposal sites or above mentioned industrial sites within the Phase I study area.

#### **Areas of Natural Scientific Interest**

According to the Ontario Ministry of Natural Resources' (MNR) GIS mapping website, there are no areas of natural scientific interest within the Phase I study area.

# **Technical Standards and Safety Authority (TSSA)**

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on November 3, 2011, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties with potential environmental concerns. There are no records listed in the TSSA registry for the subject site. There is one (1) record of an active cylinder exchange facility at the property addressed as 190 Richmond Road, located approximately 20 m south of the subject site. The nature of this facility is not considered to pose a concern to the subject property. There were no other records identified for the properties located within the Phase I ESA study area.



## **City of Ottawa Former Landfill Document**

Based on this document, there is a former landfill site located west of McRae Avenue, between Scott Street and Richmond Road, between 160 m and 200 m west of the subject site. Available information indicates that the landfill was likely active prior to 1940 and was used for the disposal of domestic waste. There has been no known monitoring conducted on the site. Based on its distance from the subject property and its location cross-gradient to the subject site the former landfill is not considered to pose a concern to the subject property. No active waste disposal sites are located within the Phase I study area.

## **City of Ottawa Former Industrial Site Document**

The properties at 145 Richmond Road (Canadian Bank Note Company) and 190 Richmond Road (former Crain Printers) were identified in this document. No other industrial sites were listed within the Phase I study area.

## City of Ottawa Historical Land Use Inventory Search

A request was made to the City of Ottawa to conduct a search of existing environmental records in their Historical Land Use Inventory (HLUI) database, for the subject site and surrounding properties. A response was received from the municipality on December 2, 2011. The Infrastructure Services and Community Sustainability Department has no records for the subject property. The HLUI showed seven (7) records for the subject site and seven (7) records for properties within 50 m of the subject site. The activities identified at the subject site, which is also addressed as 350 and 360 Kirkwood Avenue, include the following: Albert and Sons Engravers (2000-2003), Pro Restaurant Equipment (2001), Brebner Manufacturer and Repairs (men and boy's clothing industries - 2001), Canadian General Electric (1956), Kirkwood Paper Sign Man (2001-2005), Diamond Mechanical (2001), Guillevin International (2001,2005). The activities identified for the neighbouring properties include the following: RL Crain (190 Richmond Road - 1947-1994), Westboro Garage (166 Richmond Road 1930-1940), Photo Features (160 Richmond Road - 2001), Westboro Monument and Wire Works (156 Richmond Road - 1940), Canada Aerial Photo Corporation (160 Richmond Road -1998) and the Canadian Bank Note Company (195 Richmond Road - 1948). The information provided in the City's records does not appear to be entirely accurate or complete. No pertinent information not already addressed in other sections of this report was identified. A copy of the City's response is located in Appendix 2.



# 4.3 Physical Setting Sources

# **Aerial Photographs**

Historical air photos from the National Air Photo Library were reviewed. The review period covers the period of time from the first development of the site to present site conditions. Based on the review, the following observations have been made:

1945	The subject site and adjacent properties were occupied by residential dwellings or were vacant.			
1946	No significant changes were made to the use of the subject site or adjacent properties to the north, east and west. The Crain Printers facility was constructed south of the site, across Richmond Road.			
1953	The existing structure was constructed on the subject site. The original portion of the Canadian Bank Note facility was constructed on the adjacent property to the east, across Kirkwood Avenue. No significant changes were made to the use of the adjacent properties to the north, south and west.			
1968	No apparent changes were made to the subject site or adjacent properties with the exception of the Canadian Bank Note facility which was expanded.			
1976	No apparent changes were made to the subject site or adjacent properties.			
1986	No apparent changes were made to the subject site or adjacent properties.			
1994	No apparent changes were made to the subject site or adjacent properties.			
2002	(City of Ottawa website) No apparent changes were made to the subject site or adjacent properties to the north, east and west. The adjacent property to the south, formerly occupied by Crain Printers, was vacant.			
2005	(City of Ottawa website) No apparent changes were made to the subject site or adjacent properties to the east and west. The adjacent property to the south was redeveloped with the existing commercial structure and			

the adjacent property to the north was developed with numerous

residential dwellings.



2008

(City of Ottawa website) No apparent changes were made to the subject site or adjacent properties.

Laser copies of some of the aerial photographs listed above are included in Appendix 1 of this report.

## **Topographic Maps**

Topographic maps were obtained from Natural Resources Canada - The Atlas of Canada website. The topographic maps indicate that the regional topography in the general area of the subject site slopes downward to the north. No environmental concerns were identified on the topographic mapping. An illustration of the referenced topographic map is present on Figure 2 - Topographic Map following the body of this report.

## Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada - The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The subject site is located in the Central St. Lawrence Lowland, "where the land is rarely more than 150 m above sea level, except for the Monteregion Hills, which consist of intrusive igneous rocks."

## **Geological Maps**

The map "Bedrock Geology of Ontario, Map 2544, Ontario Geological Survey, 1991" was consulted as part of this assessment. Based on this mapping, the surficial overlying material consists of plain Glacial Till at depths ranging from 3 to 5 m over most of the site and from 2 to 3 m near the northwestern corner of the subject site. The mapping also indicates that the bedrock underlying the subject property is of the Gull River Formation, comprised of interbedded limestone and dolomite.



#### **Water Well Records**

A requisition was sent to the MOE to provide water well records for all drilled wells within 250 m of the subject site. A response was received from the MOE on December 1, 2011. The records provided by the MOE indicate potable wells located on properties along the west side of Island Park Drive (1948), at the southwest corner of Richmond Road and Kirkwood Avenue (1958) and at the southeast corner of Richmond Road and Tweedsmuir Avenue (1958). Records of monitoring wells are present for the properties at 109 Richmond Road (former Canadian Tire property), 369 Island Park Drive at Richmond Road, Tweedsmuir Avenue north of Richmond Road and 255 Richmond Road. Based on the distances of these properties (over 50 m) and their positions cross-gradient to the subject site and information located in our files, these properties are not considered to pose a concern to the subject site. A well record for an abandoned potable well for 145 Richmond Road (the Canadian Bank Note Company property) was also included in the MOE's response. Copies of the well records are provided in Appendix 2.

## Water Bodies and Areas of Natural Significance

No water bodies are present on the subject property or within the Phase I study area. The Ontario Ministry of Natural Resources GIS mapping was reviewed for Areas of Natural and Scientific Interest (ANSIs). According to the mapping, there are no areas of natural significance within the Phase I study area.

#### **Fill Materials**

Fill materials were not observed on site at the time of the site inspection. Based on the previous engineering reports, fill material is present on site, beneath the asphaltic concrete and over native Glacial Till. Fill was encountered at the former tank nest location, to the end of the borehole (practical refusal to augering at a depth of 4.2 m below ground surface), during the previous drill program. The fill material generally consisted of silty sand with gravel or crushed stone. No deleterious fill materials were noted during the field program.

No obvious signs of fill material were noted on the properties within the Phase I ESA study area, at the time of the site assessment. No environmental concerns are anticipated with respect to fill materials on the site or neighbouring properties.



#### 5.0 INTERVIEWS

## **Property Owner**

A representative from Claridge Homes was not interviewed as part of the assessment. Claridge Homes recently purchased the subject property and does not have significant historical knowledge of the site.

## **District Realty Representative**

Mr. Grant Gentle, with District Realty, has been the site superintendent for approximately 15 years, and was interviewed during both the previous Phase I-ESA carried out for the subject property in 2009 and the current Phase I ESA. At the time of the original Phase I, Mr. Gentle indicated that an underground storage tank (UST) was formerly located on the east side of the subject building and that the tank had been removed (~2007). Mr. Gentle indicated that there were numerous holes at the bottom of the tank and a strong odour coming from the excavation at the time of the tank removal.

According to Mr. Gentle, he was told that General Electric formerly used the site to build fridges and stoves. He mentioned that, from conversations with long-time employees of the adjacent Canadian Bank Note facility, the work was done on the second and third floors of the building. When asked about building plans, Mr. Gentle indicated that he recalled looking at a set of original building plans for the subject property. He believed that the plans were given to an engineering firm during renovations to the building, and the plans could not be located.

Mr. Gentle indicated that, to his knowledge, the subject site and adjacent properties were never occupied by service stations, garages or dry cleaning facilities. He was also unaware of any spills or environmental concerns for the subject site (other than the former UST). To his knowledge, there have been no significant changes with regard to the environmental condition of the subject site and adjacent properties, since the previous Phase I ESA conducted in 2009.

Mr. John Foley, with the Canadian Bank Note Company Ltd. (CBNC) was also interviewed as part of this assessment. CBNC stores a vast quantity of various chemicals in the former basement-level parking garage located at the north end of the subject structure. Most of the chemcials are stored in 45 gallon (205) L sealed drums, located on platforms. According to Mr. Foley, various inks, ink pigments and varnishes as well as rollers and mechanical parts are stored at this location. Items stored on the ground floor level above include mostly paper products as well as sealed drums 205 L drums containing aqueous glue and clay products. Mr. Foley was unaware of any significant releases or spills of any CBNC products stored within the subject structure.



#### 6.0 SITE RECONNAISSANCE

## 6.1 General Requirements

The site investigation was conducted between 1:30 and 4:00 PM on November 10, 2011. Ms. Karyn Munch, an Environmental Engineer with the Environmental Department of Paterson Group, conducted the site investigation. The weather conditions were cloudy with a temperature of 5°C. 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 investigation.

The subject building is currently occupied by the following tenants: Marlin Travel, Guillevin International Company (electrical supply wholesaler), Ottawa Vocal & Dance Performance Academy, Gotta Paint, Genivar, Nana's Fashion and Beaty Supplies, Elation Centre (a yoga studio), Canadian Bank Note Company storage and Church of the Pentecost. Photographs 1-4 depict most of the exterior of the site building.

## 6.2 Specific Observations at the Phase I Property

## **Buildings and Structures**

The subject property is occupied by a 1 to 2 storey commercial building with a basement level. The exterior of the building is finished with a combination of concrete block, brick, stucco and aluminum cladding. The roof is flat and finished with a combination of asphaltic membrane and tar and gravel. Based on historical information, the structure was built in the 1950's. The building is currently heated with natural gas fired equipment (boilers, space heaters and roof top HVAC units).

#### **Below Ground Structures**

A piston elevator is present in the subject building. The elevator was reportedly decommissioned several years ago. The elevator room was accessible at the time of the inspection. Some staining was observed on the poured concrete floor around the elevator pump and around three (3) small containers of hydraulic fluid stored on the floor. The elevator pit was not accessible at the time of the site inspection, however it was possible to view a limited portion of the pit. What appeared to be water and rust stains were present on the concrete floor of the pit and are shown in Photograph 5. No other below ground structures were observed on the site at the time of the site assessment, nor are any expected to exist.



# **Storage Tanks**

Vent and fill pipes, presumed to be associated with a former basement aboveground storage tank (AST), were observed on the east wall of the building. The vent and fill pipes were also observed on the interior of the subject structure, within the boiler room located in the basement. The pipes were cut off and no AST was present.

An asphalt patch was also noted on the exterior of the property, near the aforementioned vent and fill pipes, the reported location of the former underground storage tank (UST) previously removed from the subject property. A set of distribution lines were observed entering the boiler room at this location on the interior of the subject structure. There were no other vent and fill pipes or signs of existing or former USTs observed on the interior or exterior of the subject site at the time of the site assessment.

#### **Potable Water Source**

The subject property is serviced with municipal water. There were no potable water wells observed on or around the subject property at the time of the site visit.

# **Underground Utilities**

Underground utility service locates were conducted prior to both the previous Phase I-II ESA and Supplemental Phase II ESA. A buried Hydro conduit is present east of the building and runs parallel to Kirkwood Avenue on the northern portion of the property.

The sanitary sewer line extends north from the north wall of the building and connects to a manhole located on near the northwestern corner of the property. The sewer line then travels west along Wilbur Avenue. The water service extends north from Richmond Road and enters the central portion of the east wall of the subject building. Enbridge Gas and Bell were marked as clear on the service locates, however two (2) natural gas hookups are present along the east wall of the subject building. It is considered likely that these lines connect to a main distribution line along either Kirkwood Avenue or Richmond Road.

# **Building Entry/Exit Points**

Twelve (12) man doors were observed on the exterior of the building. One (1) garage bay door is present along the south wall near the western corner of the building. One (1) loading area/bay door is present along the east wall near the central portion of the site. Four (4) loading areas/bay doors are present at the rear of the building. The location of the aforementioned entry/exit points are labelled on Drawing PE2357-2.



# **Heating/Cooling Systems**

The building is currently heated with natural gas fired equipment (boilers, space heater and rooftop HVAC units). As mentioned previously, a former underground storage tank was located along the eastern wall of the subject building. A former aboveground storage tank was also located in the basement boiler room. The former presence of the UST and AST indicates that the previous heating source for the building was furnace oil.

## **Sumps, Pits and Drains**

The liquid discharge from the subject property includes the washwater and sewage from the building and the water from the floor drains and sump pit. The sump pit was located in the boiler room situated along the eastern wall of the subject structure. The sump pit, approximately 1 m in depth, is suspected to be original with the construction of the building in the 1950's. Water was present in the pit at the time of the inspection. The water appeared cloudy at the time of the site assessment, however no hydrocarbon sheen or unusual odour was noted.

Mr. Gentle indicated that a sump pump is located in the elevator pit, which was not accessible at the time of the site inspection. He indicated that the pit is approximately 2 m deep and has been dry in the past. A photo of a portion of the pit is shown in Photograph 5.

Several floor drains were observed at the time of the site inspection. A floor drain was observed in the mechanical room containing the air handling equipment. Water was ponded around the drain at the time of the assessment. The water was clear and no signs of contamination were observed. A floor drain was observed in the basement hallway (within the northern portion of the subject building). It was not possibly to open the drain cover at the time of the inspection. A floor drain was also observed in the ground floor level CBNC storage area. The drain appeared to be dry upon inspection. A floor grate, extending the length of the basement-level CBNC storage area was noted at the time of the inspection. It was not possible to inspect the length of the floor grate as the majority of it was covered with stored items. However, the drain led to a catch basin at the base of the entrance ramp, which was inspected. The basin was approximately 1 m deep and the water inside was observed to be clean with no hydrocarbon sheen or odour and is shown in Photograph 6.

Building plans showing the location of the floor drains were not available. However, the location of the elevator pit and approximate locations of the sump pit and floor grate and catch basin located in the CBNC storage area are shown on Drawing PE2357-2.

All floor drains and sump pits discharge to the municipal sewer system.



#### **Unidentified Substances**

A 20-L pail containing an unidentified substance was located in the basement mechanical room where the air handling equipment was located. The pail was sealed and marked, however, the substance had been spilled over the side and it was not possible to determine its contents. Staining was observed on the poured concrete floor around the pail. No cracks were observed in the concrete and the staining was not located in the vicinity of a drain or any other potential discharge location.

## **Staining Near a Potential Discharge Location**

Staining was noted on the floor of the basement-level CBNC storage area. The staining was red in colour and considered to have resulted from minor spillages of ink pigments stored in small containers located on a shelf in the central portion storage area. There were also minor oil stains on the concrete floor in the vicinity of the stored mechanical parts. The staining was not in the immediate vicinity of the floor drain, however as noted previously, the drain could not be fully inspected due to stored items covering the grate. As mentioned above in the *Sumps, Pits and Drains* section, the drain led to a basin at the base of the ramp leading to the storage area. The basin was open and inspected. The water in the basin was clear and no obvious visual or olfactory indications of impact were noted. Minor stains were noted elsewhere in the basement and ground floor levels of the subject building, however the stains were not located in the vicinity of potential discharge locations.

The Canadian Bank Note Company was contacted with a request for an inventory of chemicals stored on site, including Material Safety and Data Sheets (MSDS), as well as information pertaining to any previous spills or releases on the subject site. A response had not been received at the time of issuance of this report. Upon receipt, all information will be provided to the client in an addendum letter.

#### Floor Condition

The flooring throughout the building was observed to be a combination of poured concrete, vinyl floor tiles, linoleum, terrazzo, carpet, laminate and ceramic tile. No cracks or signs of corrosion were observed on the flooring in the building at the time of the assessment. As discussed above, staining was noted on the poured concrete floor of the Canadian Bank Note Company basement storage area. The concrete in the vicinity of the staining was in good condition at the time of the site assessment. Other areas of minor staining were observed in the basement mechanical rooms, including the air handling equipment room and the elevator. Minor staining was also observed in Gotta Paint. The floor surface in the areas of minor staining was in good condition.



#### **Ground Surface**

The subject building occupies most of the subject site, with the exception of asphalt parking areas located north, east and south of the building. The site and general topography in the area slope down in a northerly direction. Site drainage consists of sheet drainage to catch basins located on the subject property and adjacent roadways. No ponding of water or signs of surficial contamination were observed at the time of the investigation.

# **Railway Lines**

No railway lines were observed on the subject site. A Canadian Pacific Railway line was previously present approximately 160 m north of the subject site. Based on the distance of the former railway from the subject property and the inferred direction of groundwater flow northward towards the Ottawa River, the former rail line is not considered to pose a concern to the subject property.

## **Potentially Contaminating Activities**

There are no manufacturing or processing activities conducted on the subject property, however ink, ink pigments and varnishes are stored in the basement-level Canadian Bank Note Company storage area. Inks and varnishes are stored in sealed 205 L drums located on platforms. Small quantities of ink pigments are stored in plastic containers located on a shelving unit. No other potentially contaminating activities are currently located on the subject property.

#### **Building Materials**

A general description of the interior of the subject building is as follows:

- The floors are finished with a combination of poured concrete, vinyl floor tiles, linoleum, terrazzo, carpet, laminate and ceramic tiles;
- The walls are finished with a combination of concrete, concrete wire mesh and gypsum board;
- The ceilings are finished with gypsum board, suspended tiles, plaster (stippled finish) or concrete. Newly installed spray-on insulation was observed on the ceiling in the upper floors; and
- Lighting used throughout the building is fluorescent and incandescent.



# **Potentially Hazardous Building Products**

## Asbestos-Containing Materials (ACMs)

Based on the date of construction of the building (1950's), some building materials are considered to have the potential to contain asbestos. An asbestos survey was reportedly conducted by T. Harris for the subject building in 2007. Reference to this report should be made for further information on ACMs. The suspected ACMs were generally in good condition at the time of the site visit and do not represent an immediate concern.

#### Lead-Based Paint

Based on the date of construction of the building, lead-based paints may be present on original painted surfaces throughout the subject structure. Pained surfaces were generally in good condition at the time of the site assessment.

#### PCBs

No concerns with respect to PCBs were noted at the time of the site inspection. The hydro vault was inaccessible at the time of the site visit. The site superintendent was not aware of any issues with respect to the transformer.

## Urea Formaldehyde Foam Insulation (UFFI)

No signs of UFFI were observed at the time of the site assessment, however the wall cavities were not inspected to confirm insulation type.

# 6.3 Enhanced Investigation Property

## **On-Site Processing/Manufacturing Operations**

The tenants currently occupying the subject site include: Marlin Travel, Guillevin International Company (wholesaler of electrical equipment, wiring and supplies), Rob's Music, Gotta Paint (paint-it-yourself ceramic studio), Genivar (an engineering firm), Nana's Fashion and Beauty Supplies, Elation Centre (yoga studio) and Church of the Pentecost. The Canadian Bank Note Company uses the northern portion of the building for storage purposes. There are no current on-site processing or manufacturing operations.



## **Hazardous Material Storage**

As mentioned previously, large quantities of ink and varnishes are stored in the basement-level Canadian Bank Note Company storage area. Inks and varnishes are stored in sealed 45 gallon drums (205 L) located on platforms. Small quantities of ink pigments are stored in plastic containers located on a shelving unit. There was no indication of a significant chemical release at this location, however there was staining considered to be from small releases of ink pigments, observed on the poured concrete floor. The floor was in good condition at the time of the assessment. There was a floor drain running the length of the eastern wall of the storage area. The floor drain could not be thoroughly inspected due to storage items. However, the collector basin was inspected. The water was clean and no sheen or odours were noted.

Small quantities of hydraulic fluid were observed to be stored in small plastic containers located in the elevator room. Small quantities of paint as well as cleaning and maintenance chemcials were present throughout the remainder of the building. As mentioned previously, minor staining (dipping glaze) was noted in Gotta Paint and minor staining of an unidentified substance was observed in the mechanical room containing the air handling equipment.

# Raw Materials Handling and Storage

No raw materials are handled or stored on the subject property.

#### **Drums, Totes and Bins**

Multiple drums were stored in the Canadian Bank Note property at the time of the site assessment. A request has been made to a representative (Mr. John McKechnie) from the Canadian Bank Note property for an inventory of the various chemcials on site and any records of previous spills. According to Mr. John Foley (with the CBNC) who was present at the time of the site inspection, chemicals stored on site include various inks, pigments, varnishes, aqueous bonding adhesives, clay compound and rollers. These chemicals are stored in 45 gallon (205 L) drums. As noted previously, some staining was noted on the floor of the storage area, however there was no indication of a significant release. It should be noted that photographs of the interior of the Canadian Bank Note storage area were not permitted at the time of the site assessment.

#### **Oil/Water Separators**

As mentioned previously, no in-ground structures including oil-water separators, were observed at the time of the site inspection. Mr. Grant Gentle also indicated that to his knowledge there are no existing or former oil/water separators located in the subject building.



# **Vehicle Equipment and Maintenance Areas**

There were no vehicle equipment and maintenance areas present at the site.

# **On-Site Spills**

Based on historical research, current searches and inquiries made as part of this assessment and available information to date as well as observations made during the site visit, there have been no significant on-site spills or releases. A request has been made to the Canadian Bank Note Company for information pertaining to any spills that may have occurred in the CBNC storage area. A response had not been received at the time of issuance of this report.

As discussed in previous sections, minor staining was noted in several areas throughout the building, however the stain were not located near potential discharge locations and are not considered to pose a significant concern to the subject property.

# **Liquid Discharge Points**

As discussed previously, in the section entitled *Sumps, Pits and Drains*, the liquid discharge from the subject property includes the washwater and sewage from the building and the water from the floor drains and sump pit. The sump pit was located in the boiler room situated along the eastern wall of the subject structure. The sump pit, approximately 1 m in depth, is suspected to be original with the construction of the building in the 1950's. Water was present in the pit at the time of the inspection. The water appeared cloudy at the time of the site assessment, however no hydrocarbon sheen or unusual odour was noted.

Mr. Gentle indicated that a sump pump is located in the elevator pit, which was not accessible at the time of the site inspection. He indicated that the pit is approximately 2 m deep and has been dry in the past. A photo of a portion of the pit is shown in Photograph 5.



Several floor drains were observed at the time of the site inspection. A floor drain was observed in the mechanical room containing the air handling equipment. Water was ponded around the drain at the time of the assessment. The water was clear and no signs of contamination were observed. A floor drain was observed in the basement hallway (within the northern portion of the subject building). It was not possibly to open the drain cover at the time of the inspection. A floor drain was also observed in the ground floor level CBNC storage area. The drain appeared to be dry upon inspection. A floor grate, extending the length of the basement-level CBNC storage area was noted at the time of the inspection. It was not possible to inspect the length of the floor grate as the majority of it was covered with stored items. However, the drain led to a catch basin at the base of the entrance ramp, which was inspected. The basin was approximately 1 m deep and the water inside was observed to be clean with no hydrocarbon sheen or odour and is shown in Photograph 6.

Building plans showing the location of the floor drains were not available. However, the location of the elevator pit and approximate locations of the sump pit and floor grate and catch basin located in the CBNC storage area are shown on Drawing PE2357-2.

All floor drains and sump pits discharge to the municipal sewer system.

# **Hydraulic Equipment**

As previously discussed, a piston elevator is present in the subject building. The elevator was reportedly decommissioned three (3) years ago. The elevator room was accessible at the time of the inspection. Some staining was observed on the poured concrete floor around the elevator pump and around three (3) small containers of hydraulic fluid stored on the floor. The elevator pit was not fully accessible at the time of the site inspection, however it was possible to view a limited portion of the pit. What appeared to be water and rust stains were present on the concrete floor of the pit and are shown in Photograph 5.

No other hydraulic equipment, such as hydraulic lifts, in-ground hoists or loading-dock lifts were observed at the time of the site assessment. Two (2) loading docks with spring-loaded equipment are present at the subject site. The remaining loading areas have been constructed with ramps. The loading docks/areas present on site are not considered to pose a concern to the subject property.

# 6.4 Neighbouring Properties

An inspection of the neighbouring properties were conducted from publicly accessible roadways at the time of the site assessment. Several potentially contaminating activities were identified within the Phase I ESA study area, and are presented in Table 4 below.



Table 4: Neighbouring Properties - Potentially Contaminating Activities in Phase I Study Area					
Address	Activity	Approximate Distance/Orientation from Subject Site	Potential Environmental Concern for Subject Site (Y/N)		
305 Clifton Road	Hydro Sub-Station	120 m -NW	N		
81 Richmond Road	Legacy Auto Centre	315 m - E			
145 Richmond Road	Canadian Bank Note	20 m - E	N		
225 Richmond Road	Otto's Subaru	165 m - W	N		
256 Richmond Road	Retail fuel outlet	275 m - SW	N		
320 McRae Avenue	Autorebex service garage	185 m - NW	N		
330 McRae Avenue	Gifford Automotive Centre Otto's Collision Centre	180 m - NW 175 m - W	N N		

The current uses of the immediately adjacent properties and the other neighbouring properties in the Phase I study area are not considered to pose an environmental concern to the subject site, based on their distances and/or locations down- or cross-gradient with respect to the subject property. Current land use in the Phase I study area is illustrated on Drawing: PE2357-2 - Surrounding Land Use 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 ownership and other observations dating back to the first known date of ownership of the site.

Table 5: Land Use History							
Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.			
Prior to 1915	Fred A. Heney	Likely vacant or residential	Likely vacant or residential	N/A			
1915 to 1921	Robert M. Arbuthuot	Likely vacant or residential	Likely vacant or residential	N/A			
1921 to 1922	Joseph G. McGuire	Likely vacant or residential	Likely vacant or residential	N/A			
1924 to 1950	Winnifred Plaunt	Residential	Residential	Residential structure can be seen in 1945 aerial photo			
1950 to 1977	Canadian General Electric Co. Ltd.	Canadian General Electric Co. Ltd.	Residential and later Commercial (Canadian General Electric Company)	Existing structure can be seen in 1953 aerial and 1956 FIP			
1977 to 1995	Max Cantor	Commercial	Various commercial retail and restaurants, as well as Guillevin International electrical supply wholesaler	City Directories			
1995 to 1997	The Imperial Life Assurance Company of Canada	Commercial	Various commercial retail and restaurants, as well as Guillevin International electrical supply wholesaler	City Directories			



Table 5 Continued: Land Use History						
Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.		
1997 to 2005	122856 Canada Limited	Commercial	Various commercial retail and restaurants, as well as Guillevin International electrical supply wholesaler	City Directories		
Oct, 2011 to present	Claridge Homes (Westboro) Inc.	Commercial	Rob's Music, Nana's Beauty Products and Supplies, Marlin Travel, Elation Centre, Gotta Paint, Guillevin International, Canadian Bank Note storage, Church of the Pentecost, Genivar	Site Visit		

Potentially contaminating activities were identified on the subject site with the former use of the site for manufacturing purposes (Canadian General Electric Company Limited) as well as the former use of an underground fuel storage tank (UST) on the subject property. Limited information with regards to the Canadian General Electric Company Limited operations was available at the time of the assessment. It was reported by Mr. Grant Gentle that the operations consisted of the manufacturing of fridges and stoves on the second and third floors of the subject structure. Mr. Gentle also indicated that at the time of the UST removal, the UST was in poor condition and a fuel odour was coming from the excavation.



# 7.2 Areas of Potential Environmental Concern and Potential Contaminating Activities

Areas of potential environmental concerns identified with the Phase I property, at the time of the site assessment, are provided in Table 6 below.

Table 6: Areas of Potential Environmental Concern							
Area of Potential Environmental Concern (APEC)	Location of PEC on Phase One Property	Potential Contaminating Activities (PCA)	Location of PCA (on- site/off- site)	Contaminants of Potential concern (CPC)	Media Potentially Impacted (Groundwater, Soil and/or Sediment)		
Former on-site underground fuel storage tank (UST)	Exterior of Phase 1 Property, along east wall of subject structure	Leakage from former UST	on-site	Petroleum Hydrocarbons (PHCs - F <sub>1</sub> -F <sub>4</sub> ) and Benzene, Ethylbenzene, Toluene and Xylenes (BTEX)	Soil and Groundwater		
Former on-site operations associated with the Canadian General Electric Company	Interior/exteri or of subject structure	Use, storage and disposal of potential chemicals associated with manufacturing process or equipment	on-site	Volatile Organic Compounds (VOCs), PHCs and metals	Soil and Groundwater		
Storage of various Canadian Bank Note products	Interior of northern portion of subject structure	Storage of chemicals including ink, ink pigments, adhesives and varnishes	on-site	VOCs and metals	Soil and Groundwater		
Hydraulic elevator	Interior of subject property	In-ground hydraulic structure	on-site	PHCs	Soil and Groundwater		
Former Crain Printers facility and Transport operation	Southern portion of Phase I property	Use, storage and disposal of chemcials associated with site operations	off-site	PHCs, VOCs	Soil and Groundwater		



A Phase II ESA was conducted in 2009 and a more recent Supplemental Phase II ESA was conducted in October of 2011. Based on the field observations and analytical test results, both the former Crain Printers facility located south of the site and any potential General Electric activities located on the exterior of the site are not considered to have impacted the subject property. The initial Phase II ESA identified soil and groundwater contamination in the vicinity of the former UST. The Canadian Bank Note storage area was not identified as a potential area of concern during the previous Phase I ESA, as no staining was identified and no spills were reported. It was therefore not addressed as part of the Phase II ESA. At the time of the previous investigation, it was recommended that the contractor that decommissioned the elevator be contacted to determine the condition of the equipment at that time. Both Mr. Gentle and the representative from District Realty present at the time of the site inspection, were unaware of any attempts to address this recommendation.

The former Crain Printers facility was addressed during the previous subsurface investigations and are not considered to have impacted the subject property. A borehole was also placed to address the Canadian Bank Note property although based on its location across Kirkwood, cross-gradient to the site, it was not considered to have the potential to significantly impact the property. Based on the results of the subsurface investigations, these two properties are not considered to have impacted the subject site.

# 7.3 Conceptual Site Model

# **Existing Buildings and Structures**

The subject site is occupied by a one (1) to two (2) storey commercial building with a partial basement level. The location of the subject structure is shown on Drawing PE2357-3 - Conceptual Site Model.

The immediately adjacent properties to the west (of the northern portion of the property) and south (across Wilber Avenue) are occupied by residential dwellings. The property adjacent to the west of the southern portion of the site is occupied by a commercial retail property. The property to the east (across Kirkwood Avenue) is occupied by the Canadian Bank Note Company Ltd. and the property to the south (across Richmond Road) is occupied by The Great Canadian Superstore. The uses of the properties in the Phase I study area are indicated on the Conceptual Site Model.



# Water Bodies and Areas of Natural Significance

There are no water bodies on the subject site or within the Phase I study area. No areas of natural significant were observed on the site or within the Phase I study area, nor are any expected to be present based on the information provided in the Ministry of Natural Resources' electronic GIS mapping system.

# **Drinking Water Wells**

The properties in the Phase I Study area are currently serviced by municipal water and sewer services. According to the MOE Well Records several properties within the Phase I study area were serviced with potable wells in the 1940's and 1950's. A well record exists for the decommissioning of a potable well at the property at 145 Richmond Road (Canadian Bank Note Company).

## **Neighbouring Land Use**

Nieghbouring land use in the Phase I study area was predominantly residential and commercial with several institutional properties. Several potentially contaminating activities were observed in the study area and are listed in Table 4 (Section 6.4). No significant environmental concerns were identified in the Phase I study area.

# Areas of Potential Contaminating Activities and Potential Environmental Concerns

Areas of potential contaminating activities and potential environmental concerns identified on the site at the time of the site assessment include signs (distribution line and asphalt cut) indicating the former use of an underground storage tank (UST), as well as the storage of Canadian Bank Note chemcials and the hydraulic piston elevator located within the subject structure.

Based on previous subsurface investigations it is known that soil and groundwater contamination in excess of the current MOE standards, is present on site in the vicinity of the former underground storage tank.

According to Table 2 of Ontario Regulation 179/11, the storage of ink and pigments is considered to be a potentially contaminating activity. Some staining was noted on the concrete floor, however the floor was in good condition and no indications of a significant release in the vicinity of potential discharge locations (the floor drain along the eastern wall) were observed. To the knowledge of Mr. John Foley, the Canadian Bank Note representative on site at the time of the site assessment, there have never been any significant quantities of chemicals spilled on site.



A hydraulic elevator is present on site. The elevator room was accessible at the time of the site assessment. It was possible to view a portion of the interior of the pit from the elevator room. Apparent water and rust stains were noted on the floor of the pit as shown in Photograph 5. According to Mr. Grant Gentle, the pit has in the past been dry and to his knowledge there are no potential concerns associated with the elevator.

Small quantities of various chemcials, including dipping glaze and ceramic paint (Gotta Paint), hydraulic oil (elevator room) and cleaning and maintenance chemicals as well latex paint and adhesives were observed in the building. All chemicals were properly stored in sealed containers. Minor staining was observed on the poured concrete floor in the elevator room and in Gotta Paint. The staining was contained to a limited area away from potential discharge locations. An unknown substance was observed in a basement mechanical (air handling equipment) room. The substance was contained in a 20 L pail. Minor staining was located on the concrete floor around the pail. The floor was in good condition and no potential discharge locations were located in the immediate vicinity.

As discussed previously, several potential contaminating activities were observed in the Phase I study area at the time of the site assessment. None of the potentially contaminating activities identified are considered to pose a concern to the subject property based on their distance and or orientation (down- or cross-gradient) with respect to the subject site.



# 8.0 CONCLUSIONS

### **Assessment**

The results of the historical research and site assessment identified the following potential contaminating activities and potential environmental concerns on the Phase I property: the former use of an underground fuel oil storage tank, the former use of the site by the Canadian General Electric Company for the manufacturing of fridges and stoves, the current storage of Canadian Bank Note Company inks, pigments and varnishes and the existing hydraulic piston elevator. The former Crain Printers facility (south of the site across Richmond Road) was considered to have the potential to impact the subject property.

Previous subsurface environmental investigations were conducted for the Phase I property, to address the above mentioned concerns (with the exception of the elevator and CBNC chemical storage). Soil and groundwater contaminated in excess of the current 2011 MOE Table 3 standards for a residential land use is present on site, in the vicinity of the former underground storage tank (UST). No visual or olfactory signs of contamination were identified in the soil collected from boreholes placed on the northern portion of the site to address potential issues with the former use of the site by the Canadian General Electric Company. No VOC's were identified in the groundwater sample collected from the borehole placed on the southern portion of the site to address the former Crain Printers facility.

Based on the results of this assessment, it is our opinion that a soil and groundwater remediation program is required for the subject property.

#### Recommendations

Contaminated soil and groundwater have been identified in the area of the former onsite underground fuel storage tank nest. It is recommended that a soil and groundwater remediation program be conducted in this area to remove and dispose of the soil and groundwater in excess of the MOE Table 3 standards for a residential land use. It is also recommended that an additional soil and groundwater sampling program be conducted for the soil beneath the Canadian Bank Note Company storage area and the elevator pit. All waste chemicals should be removed from the property and properly disposed of as soon as possible.



Impacted soil must be disposed of at an approved waste disposal facility. A leachate analysis in accordance with Ontario Regulation 347/558, will be required prior to disposal. It is also recommended that Paterson personnel be present at the time of the additional sampling program, and also during the removal of the impacted soil and groundwater to provide direction and obtain confirmatory samples upon the completion of the remediation program.



# 9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with the agreed scope-of-work, in compliance with O. Reg. 511/09 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 Claridge Homes. Permission and notification from Claridge Homes and Paterson will be required to release this report to any other party.

# Paterson Group Inc.

Karyn Munch, P.Eng.

Mark S. D'Arcy, P.Eng.

## **Report Distribution:**

Claridge Homes (6 copies and 1 PDF copy)
Paterson Group (1 copy)



# **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 Waset Storage Site Inventory.

### **Provincial Records**

MOE Freedom of Information and Privacy Office.

MOE Municipal Coal Gasification Plant Site Inventory, 1991.

MOE document entitled "Waste Disposal Site Inventory in Ontario".

MOE Brownfields Environmental Site Registry.

Office of Technical Standards and Safety Authority, Fuels Safety Branch.

MNR Areas of Natural Signficance.

MOE Water Well Inventory.

## **Municipal Records**

City of Ottawa Historical Land Use Inventory.

City of Ottawa Former Landfill Document.

City of Ottawa Former Industrial Sites Document.

City of Ottawa electronic map.

## **Local Information Sources**

Chain of Title obtained through Read Abstracts Limited, November 24, 2011.

Current Plan of Survey, prepared by Annis, O'Sullivan, Vollebekk Ltd.

Previous Engineering Reports.

Personal Interviews.

### **Public Information SourcesB**

Google Earth
Google Maps/Street View

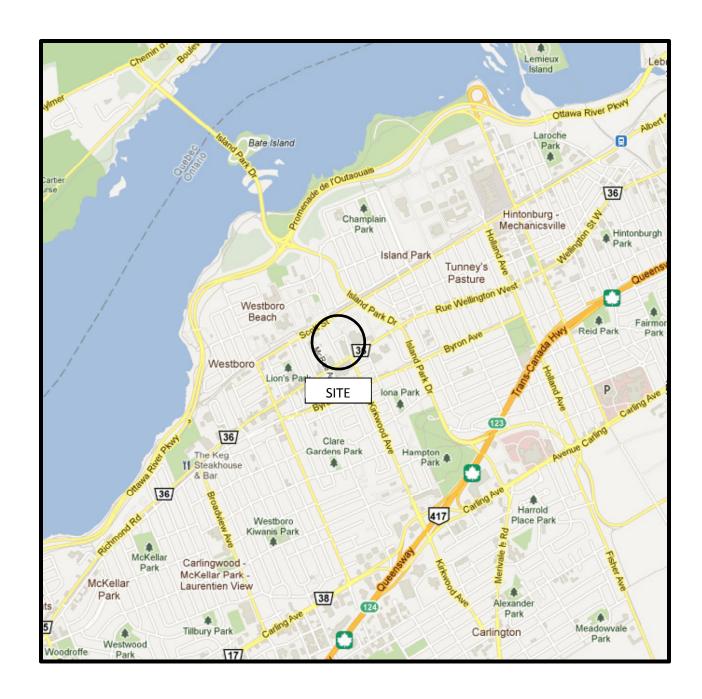
# **FIGURES**

FIGURE 1 - KEY PLAN

FIGURE 2 - TOPOGRAPHIC MAP

DRAWING PE2357-2 - SURROUNDING LAND USE PLAN

DRAWING PE2357-3 - CONCEPTUAL SITE MODEL



# FIGURE 1 KEY PLAN

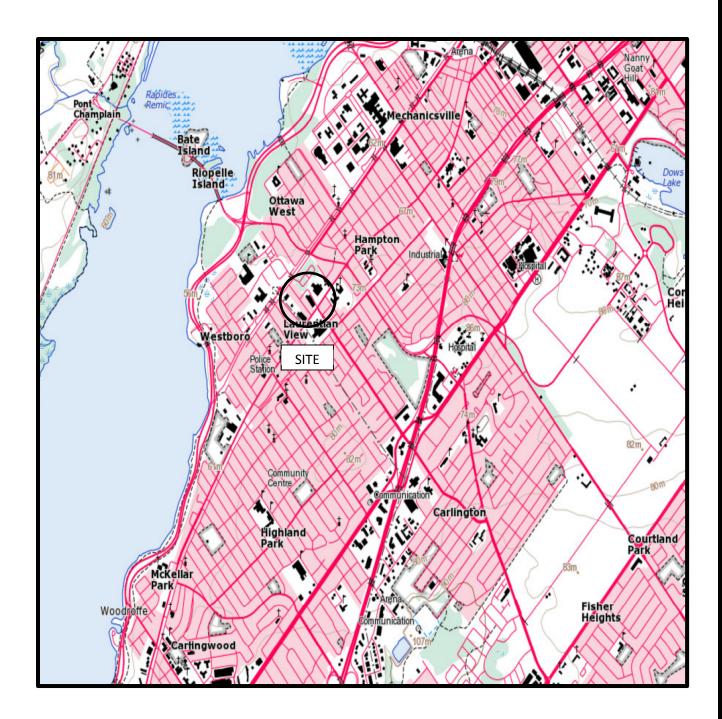
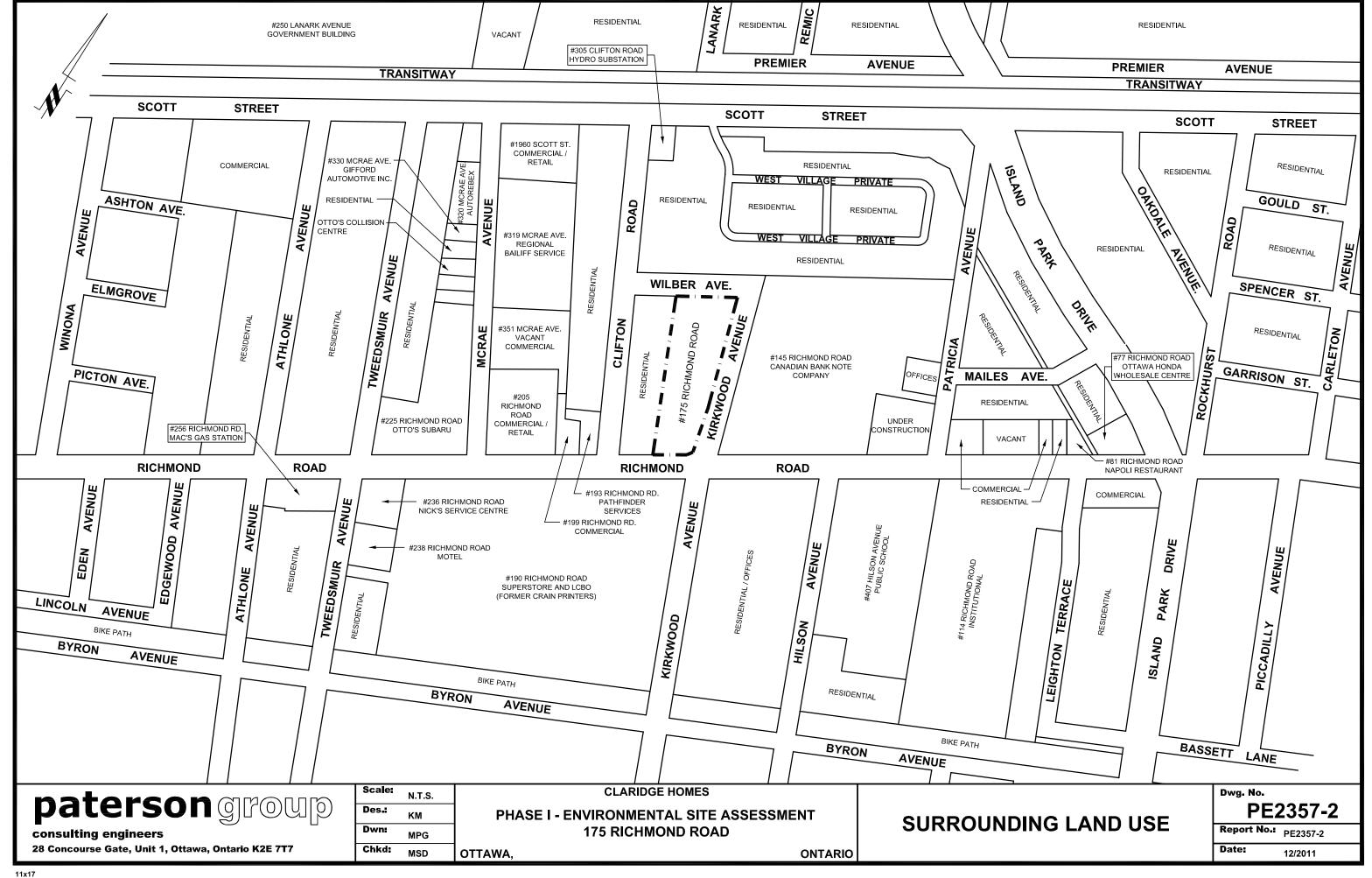
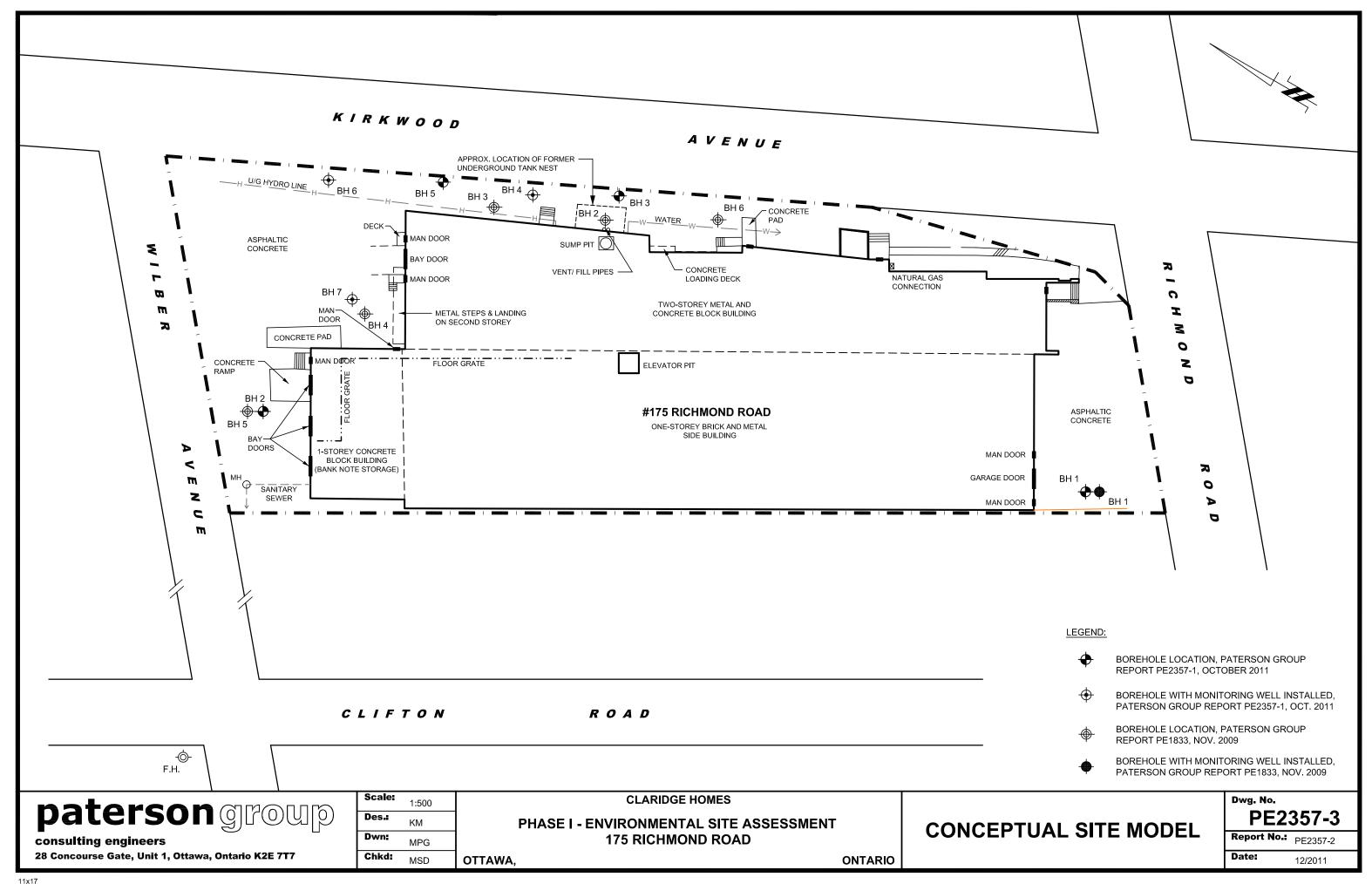


FIGURE 2
TOPOGRAPHIC MAP





# **APPENDIX 1**

CHAIN OF TITLE
PLAN OF SURVEY
AERIAL PHOTOGRAPHS
SITE PHOTOGRAPHS

## ENVIRONMENTAL SEARCH

Att: Karyn Munch Ref: 175 Richmond Road, Ottawa

PIN: 04021-0073

Part lot 1, Plan 376, as in N723397; Lots

2 to 5, Plan 376 City of Ottawa November 21, 2011

Deed 29619 registered Aug 11, 1915 From Fred A. Heney to Robert M. Arbuthuot

Deed 34969 registered Sept 21, 1921 From Robert M. Arbuthuot to Joseph G. McGuire

Deed 35576 registered May 15, 1922 From Joseph G. McGuire to Amie J. McGuire

Deed 37315 registered April 4, 1924 From Amie J. McGuire to Winifred M. Plaunt

Deed 156111 (aka 56111) registered Nov 2, 1946 From Estate of Fred A. Heney and Ida M. Heney to Canadian Bank Note Company Limited

Deed 4548 registered Dec 20, 1950 From Canadian Bank Note Company Limited to Canadian General Electric Co. Ltd.

Deed 4549 registered Dec 20, 1950 From Winifred M. Prtichard (formerly Plaunt) to Canadian General Electric Co. Ltd.

Deed 716815 registered Sept 16, 1977
From Canadian General Electric Company Limited to Max Cantor to uses

Lease 716817 registered Sept 16, 1977 From Max Cantor to Canadian General Electric Company Limited

Lease 716818 registered Sept 16, 1977 From Max Cantor to Canadian Appliance Manufacturing Company Limited

Lease NS41866 registered June 10, 1979 From Max Cantor to Paul A. Thibodeau, in trust Assignment of lease NS41867 registered June 10, 1979 From Paul A. Thibodeau, in trust to The Soup Kettle Restaurant Ltd.

Lease NS128538 registered Aug 27, 1981 From Max Cantor to Charles Finkelstein

Deed N645858 registered Dec 21, 1992 From Max Cantor to Elsa Cantor

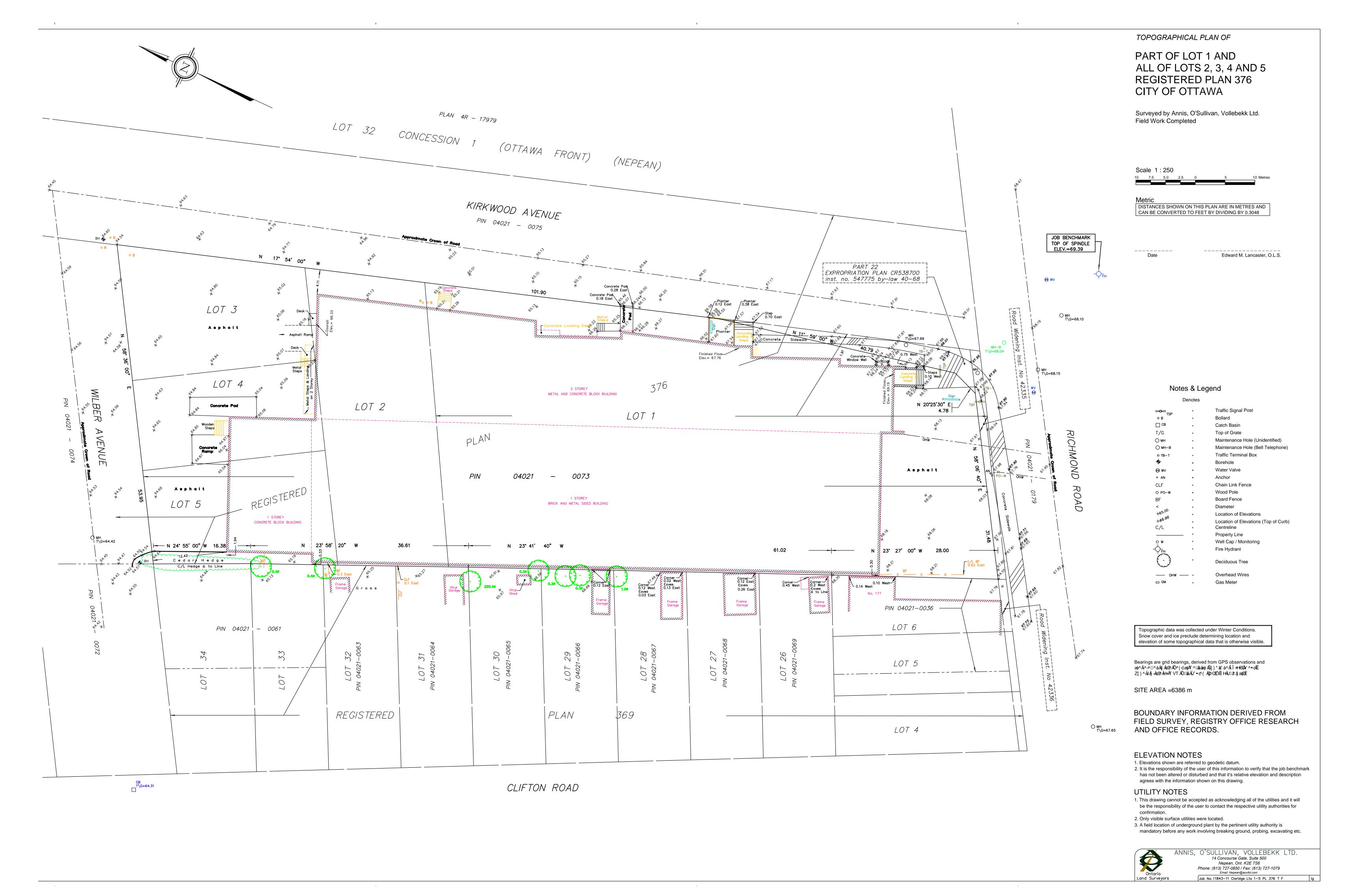
Deed N672300 registered Sept 21, 1993 From Elsa Cantor to Max Cantor

Foreclosure N723397 registered July 10, 1995 In favour of The Imperial Life Assurance Company of Canada

Deed 1059186 registered July 16, 1997 From The Imperial Life Assurance Company of Canada to 122856 Canada Limited

Lease OC454374 registered April 22, 2005 From 122856 Canada Limited to Zenix Engineering Ltd.

Deed OC1291968 registered Oct 6, 2011 From 122856 Canada Limited to Claridge Homes (Westboro) Inc.





AERIAL PHOTOGRAPH 1946

patersongroup \_\_\_\_\_



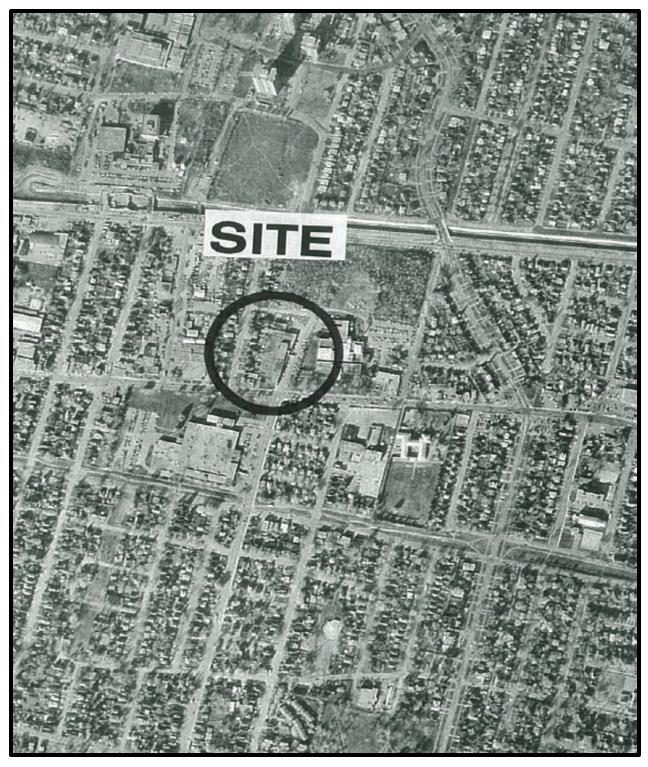
AERIAL PHOTOGRAPH 1953



AERIAL PHOTOGRAPH 1968



AERIAL PHOTOGRAPH 1986



AERIAL PHOTOGRAPH 1984



AERIAL PHOTOGRAPH 1994

175 Richmond Road, Ottawa, Ontario

December 1, 2011



Photograph 1: South wall of western portion of the building, facing north.



Photograph 2: South wall of eastern portion of the building, facing north.

# **Site Photographs**

PE2357

175 Richmond Road, Ottawa, Ontario

December 1, 2011



Photograph 3: East wall of southern portion of the building, facing northwest.



Photograph 4: South wall of the northern portion of the building, facing south.

# **Site Photographs**

PE2357

175 Richmond Road, Ottawa, Ontario

December 1, 2011



Photograph 5: Floor of elevator pit.



Photograph 6: Sump pit in boiler room.

# **APPENDIX 2**

MOE FREEDOM OF INFORMATION REQUEST

TSSA CORRESPONDENCE

CITY OF OTTAWA HISTORICAL LAND USE INVENTORY REQUEST

MOE WELL RECORDS

# Ministry of the Environment

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

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 Téléc.: (416) 314-4285



November 15, 2011

Karyn Munch
Paterson Group Inc.
1 - 28 Concourse Gate
Ottawa, ON K2E 7T7

Dear Karyn Munch:

RE: Freedom of Information and Protection of Privacy Act Request Our File # A-2011-05182, Your Reference PE2357

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

The search is being conducted on the following: 175 Richmond Road, Kirkwood West, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time and photocopying.

If you have any questions regarding this matter, please contact Liz Mico at (416) 212-0559.

Yours truly,

Heidi Ritscher FOI Manager Ministry of the Environment

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

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

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



November 6, 2009

Cynthia Tremblay Paterson Group Inc. 1 - 28 Concourse Gate Ottawa, ON K2E 7T7

Dear Cynthia Tremblay:

RE: Freedom of Information and Protection of Privacy Act Request Our File # A-2009-04085, Your Reference PE1833

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

The search is being conducted on the following: 175 Richmond Road, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time and photocopying.

If you have any questions regarding this matter, please contact Liz Mico at (416) 212-0559.

Yours truly,

Donna Currie FOI Coordinator Freedom of Information and Protection of Privacy Office

# Ministry of the Environment

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

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 Téléc.: (416) 314-4285



December 17, 2009

Cynthia Tremblay
Paterson Group Inc.
1 - 28 Concourse Gate
Ottawa, ON K2E 7T7

Dear Cynthia Tremblay:

RE: Freedom of Information and Protection of Privacy Act Request Our File #: A-2009-04085, Your Reference #: PE1833

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 175 Richmond Road, Ottawa.

After a thorough search of the Ministry's Ottawa District Office, Investigations and Enforcement 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 partial access to the attached information as the identity of complainants has been removed to protect privacy (Section 21(1)(f) of the Act).

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 4 pages @ \$0.20/page	\$0.80
•	Delivery	3.00
•	Total	\$ 33.80
•	Deposit Received	- 30.00
•	BALANCE WAIVED (NOT REQUIRED)	\$ 3.80

If you object to any decision I have made, you may request a review 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 Erin Coulter at (416) 327-1985.

Yours truly.

Donna Currie FOI Coordinator

Freedom of Information and Protection of Privacy Office

Attachments



# Environment

# OCCURENCE REPORT

Location of Occurence:		Source:			
OTTAWA CITY	•	PRO RESTAURANT EQUIPMENT			
175 RICHMOND ROAD		RE-SELLER OF RESTAL	RE-SELLER OF RESTAURANT EQUIPMENT		
Dame & Blate Off Manager		Sector: SI Source: OT SI	IC: 9999		
Reg: 4 Dist: OT Municipali	ty: 20101	UTM:			
		N: [] E: [] Zone: []			
Entered:	ORIS No.	Abstracts:	Diaries:		
1997/06/24 15:09	9740001109	0	1		
Received By:		Batch:	I. E. B. No.		
TOR RUSTAD		2523 ·			
Occurence Type:	Subtype:	Occurence Date:			
<b>&gt;</b>	99				
Work Plan:	11	Occurence Time:			
		Report to MOE: 1997/06	S/24 13:15		
•		li -			
	Alternate No.		MOE at Scene: 97/08/15 10:55		
	X	Assigned To:	TOR RUSTAD		
Address:		EDD Control de			
		ERP Contacted:	Non- n		
		Callout: []	NSP: []		
Postal Code:	•	EKP Name:			
Syn: PRO RESTAURANT	EQUIPMENT- RELEASE OF CFC'S	TO ATMOSPHERE			
Brief Summary:	· · · · · · · · · · · · · · · · · · ·		······································		
THE REFRIGERATION UNI DEMONSTRATE DRAINAG	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ( BE OF CFC'S - MAJED RESP	) FOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S, - I ASKED W PONDED THAT THE REFRIGERA	OSPHERE. MAJED'S BUSINESS NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH T		
THE REFRIGERATION UNI DEMONSTRATE DRAINAG	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE D	) FOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S, - I ASKED W PONDED THAT THE REFRIGERA	NT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO		
HE REFRIGERATION UNI DEMONSTRATE DRAINAG CFC'S INSDE. MAJED THE . If there are related reports,	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE D SE OF CFC'S - MAJED RESP EN RE-SELLS THE EQUIPMENT C record initial/master ORIS No. here	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.	NT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO		
HE REFRIGERATION UNI DEMONSTRATE DRAINAG CFC'S INSDE. MAJED THE If there are related reports, Followup Action: Abateme	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE D SE OF CFC'S - MAJED RESP EN RE-SELLS THE EQUIPMENT C record initial/master ORIS No. here	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.	NT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO		
HE REFRIGERATION UNI DEMONSTRATE DRAINAG CFC'S INSDE. MAJED THE f there are related reports, Followup Action: Abateme BF Date:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESPONDED FOR SHOP ARE DESPONDED FOR THE SHOP ARE DESPONDED FOR THE SHOP ARE SHOP A	D FOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  DRAINING CFC'S.	NT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO		
HE REFRIGERATION UNIDEMONSTRATE DRAINAG  CFC'S INSDE. MAJED THE  If there are related reports,  Followup Action: Abateme  BF Date:  NO VIOLATION CONFIRMI	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE D SE OF CFC'S - MAJED RESP EN RE-SELLS THE EQUIPMENT C record initial/master ORIS No. here	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  B >>	NT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE PC'S INSDE. MAJED THE fthere are related reports, followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESPONDED FOR SHOP ARE DESPONDED FOR SHOP AND A SHOP A SHOP AND A SHOP A SHOP AND A SHOP AND A SHOP AND A SHOP AND A SHOP A SHOP AND A SHOP A SHOP AND A SHOP A	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  B >>	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH T		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE PC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESPONDED FOR SHOP ARE DESPONDED FOR SHOP AND A SHOP A SHOP AND A SHOP A SHOP AND A SHOP AND A SHOP AND A SHOP AND A SHOP A SHOP AND A SHOP A SHOP AND A SHOP A	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  B >>	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH T		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE PC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION The Closed: X Abatement: Suspected Violation:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESPONDED FOR SHOP ARE DESPONDED FOR THE SHOP ARE DESPONDED FOR THE SHOP AND THE	O FOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE PROPERTY OF THE PROP		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, followup Action: Abatemes Followup Action: Abatemes NO VIOLATION CONFIRMINFORMATION THE Closed: X Abatement: Suspected Violation: Report Prepared By:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESCRIPTION OF THE PRESENT OF THE SHOP ARE DESCRIPTION OF T	DFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  B >>	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH T		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESTRUCTOR OF THE SH	DEFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION AND THE NOTION		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DESCRIPTION HIS SHOP ARE DESCRIPTION OF THE SHOP ARE DESCRI	DEFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer:	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE PROPERTY OF THE PROP		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abatements NO VIOLATION CONFIRMINFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer SEORGE CLARKE	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP ARE ITS OF CFC'S - MAJED RESPEN RE-SELLS THE EQUIPMENT COROLL TO INTERPORT ITS OF COMMENT OF COME	PROOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator: Reviewing Officer: TERRY O'NEILL	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION EQUIPMENT IS RE-SOLD WIT		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abatement NO VIOLATION CONFIRMINFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer SEORGE CLARKE	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP ARE ITS OF CFC'S - MAJED RESPEN RE-SELLS THE EQUIPMENT OF COORDINATE OF THE PROPERTY OF THE PRO	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION AND THE NOTION		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE  If there are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMI NFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer BEORGE CLARKE Specify number(s) for routin Report of the processory of the proce	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP ARE ITS FOR THE SELLS THE EQUIPMENT OF THE SELLS	PROOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION EQUIPMENT IS RE-SOLD WIT		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE OF C'S INSDE. MAJED THE If there are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for copy I. Investigator/E.O.	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE I DEE OF CFC'S - MAJED RESPEN RE-SELLS THE EQUIPMENT OF THE PROPERTY OF	PROD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  1 [ ] 3. SAC (initial spills)	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO NOIVIDUALS. IEB FOR YOUR    IEB BF Date   Date		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE CFC'S INSDE. MAJED THE fithere are related reports, Followup Action: Abatements of the Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for copy Investigator/E.O.	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP ARE ITS FOR THE SELLS THE EQUIPMENT OF THE SELLS	PROOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION EQUIPMENT IS RE-SOLD WIT		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE COMMONSTRATE DRAINAGE COMMONSTRATE DRAINAGE COMMONSTRATE DATE:  If there are related reports, followup Action: Abatement on VIOLATION CONFIRMINFORMATION CONFIRMINFORMATION  File Closed: X Abatement: Abatement: Abatement of Commonstration of	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE I DEE OF CFC'S - MAJED RESPEN RE-SELLS THE EQUIPMENT OF THE PROPERTY OF	PROD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  [ 1 [ ] 3. SAC (initial spills)	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO NOIVIDUALS. IEB FOR YOUR    IEB BF Date   Date		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, followup Action: Abatemes Followup Action: Abatemes Followup Action CONFIRMINFORMATION CONFIRMINFORMATION FILE Closed: X Abatement: Abuspected Violation: Report Prepared By: FOR RUSTAD Approving Officer SEORGE CLARKE Specify number(s) for copy. Investigator/E.O. Reg. Dir. / Mgr.	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE I DEE OF CFC'S - MAJED RESPEN RE-SELLS THE EQUIPMENT OF THE PROPERTY OF	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO NOIVIDUALS. IEB FOR YOUR    IEB BF Date   Date		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fithere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMI NFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer BEORGE CLARKE Specify number(s) for copy . Investigator/E.O Reg. Dir. / Mgr. BAC Action Class: 1: 2:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP AND IN HIS SHOP AND ITS PRESENT IN	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO NOIVIDUALS. IEB FOR YOUR    IEB BF Date   Date		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer BEORGE CLARKE Specify number(s) for copy. Investigator/E.O. I. Reg. Dir. / Mgr. BAC Action Class: 1; 2;	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP AND IN HIS SHOP AND ITS PRESENT IN	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  1 1 1 3 3. SAC (initial spills) 6. IEB H.O./file	NT. MAJED STATED THAT: - ALL OF HERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO NOIVIDUALS. IEB FOR YOUR    IEB BF Date   Date		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGERC'S INSDE. MAJED THE fthere are related reports, Followup Action: Abatements of the Majed The service of the servic	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP AND IN HIS SHOP AND ITS PRESENT IN	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  1 1 1 3 3. SAC (initial spills) 6. IEB H.O./file	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH THE NOTION EQUIPMENT IS RE-SOLD WIT		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE CFC'S INSDE. MAJED THE fithere are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for copy I. Investigator/E.O. L. Reg. Dir. / Mgr. SAC Action Class: 1: 2:  Material 1: Amount: faterial 2:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP AND IN HIS SHOP AND ITS PRESENT IN	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  1 1 1 3 3. SAC (initial spills) 6. IEB H.O./file	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO THE PROPERTY OF THE		
HE REFRIGERATION UNIDEMONSTRATE DRAINAGE OF C'S INSDE. MAJED THE If there are related reports, Followup Action: Abateme BF Date: NO VIOLATION CONFIRMINFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: FOR RUSTAD Approving Officer SEORGE CLARKE Specify number(s) for routing Specify number(s) for copy Investigator/E.O. I. Reg. Dir. / Mgr. SAC Action Class: 1: 2:  Material 1: Amount:	REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE ITS PRESENT IN HIS SHOP AND IN HIS SHOP AND ITS PRESENT IN	PFOOD SUPPLIERS/RESTAURA: DRAINED OF CFC'S I ASKED W PONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL  Contin  1 1 1 3 3. SAC (initial spills) 6. IEB H.O./file	NT. MAJED STATED THAT: - ALL OF THERE THE TAGS WHERE TO TION EQUIPMENT IS RE-SOLD WITH TO THE PROPERTY OF THE		



# Environment

# OCCURENCE REPORT

Location of Occurence:		Source:		
OTTAWA CITY	•	PRO RESTAURANT EQUIPMENT		
175 RICHMOND ROAD		RE-SELLER OF RESTAU	URANT EQUIPMENT	
. –		Sector: SI Source: OT S	IC: 9999	
Reg: 4 Dist: OT Municipali	ty: 20101	UTM: N: [] E: [] Zone: []		
Entered:	ORIS No.	Abstracts:	Diaries:	
1997/06/24 15:09	9740001109	0	1	
Received By:		Batch:	I. E. B. No.	
TOR RUSTAD		2523	·	
Occurence Type:	Subtype:	Occurence Date:		
• • • • • • • • • • • • • • • • • • •	99			
Work Plan:		Occurence Time:		
VVUIK PIdil.	11		<u> </u>	
		Report to MOE: 1997/06/24 13:15 MOE at Scene: 97/08/15 10:55		
	Alternate No.	Assigned To:	TOR RUSTAD	
	<b>x</b> .			
Address:		ERP Contacted:		
, (22, 505)		Callout:	NSP: []	
		ERP Name:	ног. д	
Postal Code:	•			
Svn: PRO RESTAURANT	EQUIPMENT- RELEASE OF CFC'S	TO ATMOSPHERE		
HAVE CUT A LINE CONTA BITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINA	AINED IN A FRIDGE, ALLOWING CF , PROPRIETOR. MAJED DENIED AI REFRIGERATION EQUIPMENT TO IITS PRESENT IN HIS SHOP ARE D GE OF CFC'S - MAJED RESPI	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA	MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: ~ALL OF	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT IHE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AI REFRIGERATION EQUIPMENT TO AITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO	
HAVE CUT A LINE CONTA BITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AI REFRIGERATION EQUIPMENT TO AITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO	
HAVE CUT A LINE CONTA BITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AI REFRIGERATION EQUIPMENT TO SITE OF CFC SIT	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA PRAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGERA DNTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AI REFRIGERATION EQUIPMENT TO AITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA PRAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGERA DNTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPUEN RE-SELLS THE EQUIPMENT CONTROL OF THE CONTROL OF THE CONTROL OF THE OTHER CONTROL OF THE OTHER OTHE	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA PRAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGERA DNTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPUEN RE-SELLS THE EQUIPMENT CONTROL OF THE CONTROL OF THE CONTROL OF THE OTHER CONTROL OF THE OTHER OTHE	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA PRAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGERA DNTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED A REFRIGERATION EQUIPMENT TO INTO PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the tied other.  MED. DIFFERENCE IN STATEMENT:  X IEB Other	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA FOOD SUPPLIERS/RESTAURA FOONDED THAT THE REFRIGERA ONTAINING CFC'S.  OF FACT BETWEEN TWO	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA BITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED A REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT COS, record initial/master ORIS No. here the tied other.  MED. DIFFERENCE IN STATEMENT COST IN ST	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA PRAINED OF CFC'S I ASKED W ONDED THAT THE REFRIGERA DNTAINING CFC'S.	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED A REFRIGERATION EQUIPMENT TO ITS PRESENT IN HIS SHOP ARE D GE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT COS, record initial/master ORIS No. here it IEB Other  EX IEB Other  Date: 97/08/15	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA FOOD SUPPLIERS/RESTAURA FOONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT I'HE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED A REFRIGERATION EQUIPMENT TO INTO PRESENT IN HIS SHOP ARE DIGE OF CFC'S - MAJED RESPIEN RE-SELLS THE EQUIPMENT COS, record initial/master ORIS No. here the tien of the other.  ALED. DIFFERENCE IN STATEMENT IN INTO INTO INTO INTO INTO INTO INTO	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RIANNED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:    Reviewing Officer:	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO LITTLE PRESENT IN HIS SHOP ARE DIGEOF CFC'S - MAJED RESPONSION OF THE FORMAL PROPERTY OF THE PROPERTY	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RIANNED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO  IEB Investigator:  Reviewing Officer: TERRY O'NEILL	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO LITS PRESENT IN HIS SHOP ARE DIGEO FOR CFC'S - MAJED RESPONSION FOR THE EQUIPMENT OF COMMENT OF COM	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RIANNED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINAN CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for cop	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO LITS PRESENT IN HIS SHOP ARE DIGEO FOR COMMENT OF LITS PRESENT IN HIS SHOP ARE DIGEO FOR COMMENT OF LITS PRESENT IN HIS SHOP ARE DIGEO FOR COMMENT OF LITS PRESENT OF LITS PRESENT OF LITS PRESENT OF LITS PROPRIED OF LITS PROP	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RIANNED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date	
HAVE CUT A LINE CONTA- SITE: SPOKE TO MAJED SITE: SPOKE TO MAJED FE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA DEMONSTRATE DRAINA DEFORMATION: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAU Approving Officer GEORGE CLARKE Specify number(s) for rou	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Date	
HAVE CUT A LINE CONTA- SITE: SPOKE TO MAJED SITE: SPOKE TO MAJED FE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA DEMONSTRATE DRAINA DEFORMATION: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAU Approving Officer GEORGE CLARKE Specify number(s) for rou	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED A REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here tent IEB Other  AED. DIFFERENCE IN STATEMENT  EXIEB Other  Date: 97/08/15  Date: 97/08/16  ting Original [ ] [ ] [ ] [ ] I ] I J J J J J J J J J J J J J J J J	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RIANNED OF CFC'S I ASKED W ONDED THAT THE REFRIGER/ ONTAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date	
HAVE CUT A LINE CONTABITE: SPOKE TO MAJED RE-SELLS RESTAURANT HE REFRIGERATION UN DEMONSTRATE DRAINANT OF C'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for con 1. Investigator/E.O. 4. Reg. Dir. /Mgr.	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Date	
HAVE CUT A LINE CONTABITE: SPOKE TO MAJED RE-SELLS RESTAURANT HE REFRIGERATION UN DEMONSTRATE DRAINANT OF C'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for con 1. Investigator/E.O. 4. Reg. Dir. /Mgr.	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Date	
HAVE CUT A LINE CONTABITE: SPOKE TO MAJED RE-SELLS RESTAURANT HE REFRIGERATION UN DEMONSTRATE DRAINANT OF C'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for con 1. Investigator/E.O. 4. Reg. Dir. /Mgr.	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Date	
HAVE CUT A LINE CONT/SITE: SPOKE TO MAJED RE-SELLS RESTAURANT IHE REFRIGERATION UN DEMONSTRATE DRAINAND FIC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION FILE Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for con 1. Investigator/E.O. 4. Reg. Dir. /Mgr. SAC Action Class: 1: 2:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Trued [ ] Yes  7. Other	
HAVE CUT A LINE CONT/ SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for cop 1. InvestigatorE.O. 4. Reg. Dir. / Mgr. SAC Action Class: 1: 2:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  TO OTHER  TO OTHER  TO OTHER  CODE:	
HAVE CUT A LINE CONT/ SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  Todate  Code: UN No.:	
HAVE CUT A LINE CONT/ SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for cop 1. InvestigatorE.O. 4. Reg. Dir. / Mgr. SAC Action Class: 1: 2:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  TO OTHER  TO OTHER  TO OTHER  CODE:	
HAVE CUT A LINE CONTA SITE: SPOKE TO MAJED RE-SELLS RESTAURANT THE REFRIGERATION UN DEMONSTRATE DRAINA CFC'S INSDE. MAJED TH  If there are related reports Followup Action: Abatem BF Date: NO VIOLATION CONFIRM INFORMATION File Closed: X Abatement: Suspected Violation: Report Prepared By: TOR RUSTAD Approving Officer GEORGE CLARKE Specify number(s) for rou Specify number(s) for rou 1. Investigator/E.O. 4. Reg. Dir. / Mgr.  SAC Action Class: 1: 2:  Material 1: Amount: Material 2:	AINED IN A FRIDGE, ALLOWING CF, PROPRIETOR. MAJED DENIED AIR REFRIGERATION EQUIPMENT TO JITS PRESENT IN HIS SHOP ARE DIEN RE-SELLS THE EQUIPMENT CO., record initial/master ORIS No. here the time of time of time of the time of time of the time of	C'S TO VENT TO ATMOSPHER NY VENTING OF CFC'S TO ATM FOOD SUPPLIERS/RESTAURA RAINED OF CFC'S I ASKED V ONDED THAT THE REFRIGERA DITAINING CFC'S.  OF FACT BETWEEN TWO    IEB Investigator:   Reviewing Officer:   TERRY O'NEILL   Conti	RE. 08/15, 10:55 A MOSPHERE. MAJED'S BUSINESS ANT. MAJED STATED THAT: - ALL OF WHERE THE TAGS WHERE TO ATION EQUIPMENT IS RE-SOLD WITH  INDIVIDUALS. IEB FOR YOUR  IEB BF Date  Date  TOTAL CODE: UN No.: Code:	



# Environment

| central site | feedback | search | site map | français



**Generator Details** 

Registrat	tion/Notificat	tion Number

ON3461140

### Legal Company Name

Primary Name:

MIKE STEINBURG

**Division Name:** 

NA

## Company Operating Name

Company Ope Primary Name:

DISTRICT REALTY

Division Name:

NA

#### **Mailing Address**

Division Building:

NA

Post Box Number:

NA

Address Line 1:

50 BAYSWATER

Address Line 2:

NA

Town/City:

OTTAWA

Postal Code / Zip Code:

K1Y 2E9

County: (if inside Ontario)

OTTAWA CARLTON (RM)

Province/State (If inside Canada/US)

ONTARIO

County: (if outside Ontario).

NA

Province / State (If outside

Canada / US)

NA

Country:

Canada

#### Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:

NA-

Post Box Number:

NA

Address Line 1:

175 RICHMOND RD

Address Line 2:

NA

Town/City:

OTTAWA

Postal Code / Zip Code:

K1Z 6W3

County: (if inside Ontario)

OTTAWA CARLTON (RM)

Province / State (If inside Canada / US)

ONTARIO

County: (if outside\_Ontario)

.,—.N∀...

Province / State (If outside

Canada / US)

NA

Country:

Canada



# Ministry of the **Environment**

central site | feedback | search | site map | français



Company Name:

MIKE STEINBURG

Company Number:

ON3461140 (Generator)

## **Active Waste Classes**

**Active Waste Class Listing** 

Add New Waste Class Inactive waste classes

Active On-site Waste Classes

Waste Class

221 - L

View Details Hazardous

View Details N/A

**Waste Number** 

Reg. 347 (per waste stream)

Schedules

Disposal Method Part 2B required

Part 2B complete **Physical** State

Off-Site

Status

Go

Off-Liquid

Active Site

Back

This site maintained by the Government of Ontario 

Technical inquires to Webmaster. © 2002 Queen's Printer for Ontario

## Karyn Munch

From: spng@tssa.org on behalf of publicinformationservices@tssa.org

Sent: November-03-11 4:29 PM

To: Karyn Munch

**Subject:** Re: Records Search - PE2357 (Part 2) [REF:10629829893]

Hi Karyn,

In order to avoid any delays, in the future please direct all your information requests to 'publicinformationservices@tssa.org'.

Thank you for your inquiry.

I have searched the below noted address (addresses) and I have located the following record.

190 Richmond Rd, Ottawa has record of an active cylinder exchange facility.

For a more detailed report including underground fuel storage tank details and copies of all inspection reports, please submit your request in writing to Public Information Services via e-mail (<a href="mailto:publicinformationservices@tssa.org">public informationservices@tssa.org</a>) 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.

Thank you and have a great day!

Sarah Png Public Information Services

"Putting Public Safety First"

Technical Standards and Safety Authority 14th Floor, Centre Tower 3300 Bloor Street West Toronto, ON M8X 2X4

Toll-Free: 1-877-682-8772

Email: publicinformationservices@tssa.org

Web Site: www.tssa.org

TSSA Customer Service ctscs@atoracle.com>

To publicinformationservices@tssa.org

CC

Subject Re: Records Search - PE2357 (Part 2) [REF:10629829893]

11/03/2011 03:40 PM

Please respond to customerservices@tssa.org

```
Please read below email and kindly assist, thank you!
Reply email to: KMunch@patersongroup.ca
---- Original Message ----
Good morning,
Could you please search for records for the following addresses in the
City of Ottawa.
193, 190, 181, 177, 175, 164, 160, 150, 148, 145 Richmond Road
Also, please note that the addresses in my last email were in the City
of Ottawa as well!
Best Regards,
Karyn Munch, P.Eng.
patersongroup
28 Concourse Gate, Unit 1
Ottawa, Ontario K2E 7T7
Tel: (613)226-7381
Fax: (613)226-6344
```

This electronic message and any attached documents are intended only for the named addressee(s). This communication from the Technical Standards and Safety Authority may contain information that is privileged, concopied, forwarded or distributed without authorization. If you have received this message in error, please notify the send Thank you.

# **Karyn Munch**

From: spng@tssa.org on behalf of publicinformationservices@tssa.org

Sent: November-03-11 4:26 PM

To: Karyn Munch

**Subject:** Re: Records Search - PE2357 (Part 1) [REF:10629733358]

Hi Karyn,

In order to avoid any delays, in the future please direct all your information requests to 'publicinformationservices@tssa.org'.

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (<a href="mailto:publicinformationservices@tssa.org">publicinformationservices@tssa.org</a>) 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.

Thank you and have a great day!

Sarah Png Public Information Services

"Putting Public Safety First"

Technical Standards and Safety Authority 14th Floor, Centre Tower 3300 Bloor Street West Toronto, ON M8X 2X4

Toll-Free: 1-877-682-8772

Email: publicinformationservices@tssa.org

Web Site: www.tssa.org

TSSA Customer Service < pectscs@atoracle.com >

To publicinformationservices@tssa.org

CC

Subject Re: Records Search - PE2357 (Part 1) [REF:10629733358]

11/03/2011 03:39 PM

Please respond to customerservices@tssa.org

```
Reply email to: <a href="Minch@patersongroup.ca">KMunch@patersongroup.ca</a>
---- Original Message ----
Good morning,
Could you please search your records for any storage tanks or incidents
at the following addresses:
188, 185 Wilbur Street
343, 351, 353, 355, 361, 363, 365, 369 Clifton Road
Best Regards,
Karyn Munch, P.Eng.
patersongroup
28 Concourse Gate, Unit 1
Ottawa, Ontario K2E 7T7
Tel: (613)226-7381
Fax: (613)226-6344
```

This electronic message and any attached documents are intended only for the named addressee(s).

This communication from the Technical Standards and Safety Authority may contain information that is privileged, concopied, forwarded or distributed without authorization. If you have received this message in error, please notify the send Thank you.



File Number: C10-01-11-0232

November 29, 2011

Karyn Munch Paterson Group Inc. 28 Concourse Gate, Unit 1 Nepean, ON K2E 7T7

Dear Ms. Munch,

Re: Information Request

175 Richmond Road, Ottawa, Ontario ("Subject Property")

#### Internal Department Circulation

The Infrastructure Services and Community Sustainability 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 7 activities associated with the Subject Property: Activity Number 1014, 11119, 2053, 2482, 342, 4303 & 6559.

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

• There are 7 activities associated with properties located within 50m of the Subject Property: Activity Number 10796, 14750, 10370, 13814, 2464, 5173 & 2480.

Shaping our future together
Ensemble, formons notre avenir

City of Ottawa Infrastructure Services and Community Sustainability Department Planning and Growth Management Branch

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 d'infrastructure et Viabilité des collectivités Direction de l'approbation des demandes d'aménagement et d'infrastructure

110, avenue Laurier Ouest, 4e étage Oltawa (Ontario) K1P 1J1 Tél.: (613) 580-2424 ext. 14743 Téléc: (613) 560-6006 www.oltawa.ca Please note that Activity Numbers 14750 & 13814 have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property or on certain properties within 50m of the Subject Property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

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, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

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 for additional information.

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

Sincerely,

Michael J. Boughton, MCIP, RPP

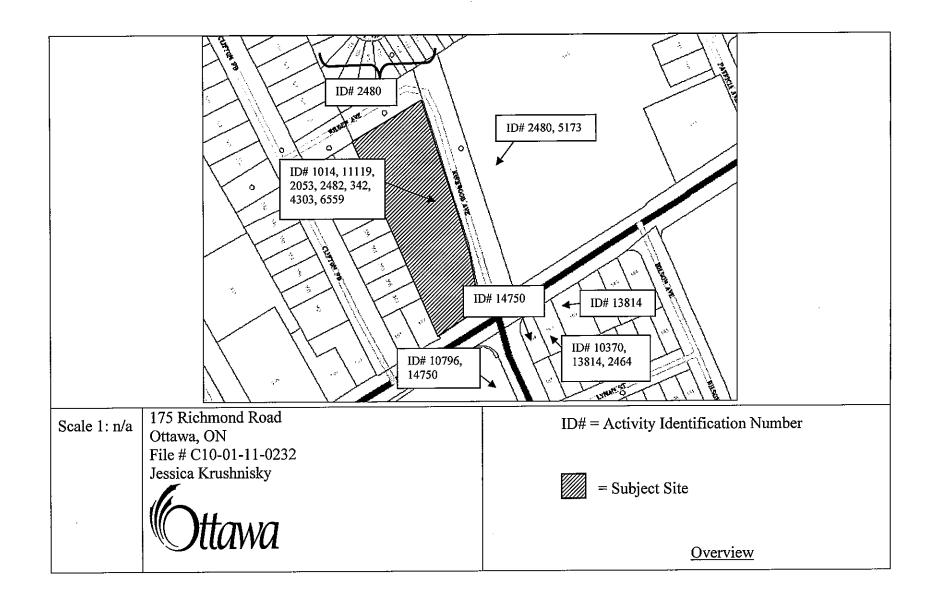
Acting Program Manager

Development Review (Suburban Services) - West Infrastructure Services and Community Sustainability

MB/JK

Attach: 16

cc: File no. C10-01-11-0232





CITY OF OTTAWA HLUI ID: \_\_679GOJ Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

AREA (Square Metres): 6370.600

Study Year

PIN 040210073

Multi-NAIC

Multiple Activities

**Activity ID:** 

1014

Multiple PINS:

Ν

PIN Certainty:

1

Previous Activity ID(s):

**Related PINS:** 

040210073

Name:

ALBERT & SON ENGRAVERS

Address:

350 KIRKWOOD AVENUE, OTTAWA

Facility Type:

Platemaking, Typesetting and Bindery Industry

Comments 1:

Unit A

Comments 2:

\_\_\_\_\_\_

Generator Number: ON2135901

Storage Tanks:

HL References 1:

**HL References 2:** 

**HL References 3:** 

2000 PID

NAICS SIC 323120 0 812921 0 332810 0

**Company Name** 

Year of Operation

ALBERT & SON ENGRAVERS

c. 2000

ALBERT & SON ENGRAVERS

c. 2001

ALBERT & SON ENGRAVERS



HLUI ID: \_\_679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year

PIN 040210073 Multi-NAIC

Multiple Activities

Activity ID:

11119

**Multiple PINS:** 

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s):

**Related PINS:** 

040210073

Name: Address: PRO RESTAURANT EQUIPMENT 175 RICHMOND ROAD, OTTAWA

Facility Type:

Machinery and Equipment Rental and Leasing Service

Comments 1: Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

HL References 2: HL References 3:

2001 Employment Survey

**NAICS** 

SIC

532490

0

**Company Name** 

Year of Operation

PRO RESTAURANT EQUIPMENT



HLUI ID: \_\_679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year

PIN 040210073

Multi-NAIC

Multiple Activities

Activity ID:

2053

Multiple PINS:

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s):

**Related PINS:** 

040210073

Name:

BREBNER MANUFACTURING & REPAIRS INC.

Address:

360 KIRKWOOD AVENUE, OTTAWA

Facility Type:

Men's and Boys' Clothing Industries

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

HL References 2:

HL References 3:

2001 Employment Survey

**NAICS** 

SIC

315210

0

**Company Name** 

Year of Operation

BREBNER MANUFACTURING & REPAIRS INC.



HLUI ID: \_\_679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year

PIN 040210073 Multi-NAIC

Activity ID:

2482

Multiple PINS:

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s): 5193

Related PINS:

040210073

Name:

CANADIAN GENERAL ELECTRIC CO. LIMITED

Address:

175 RICHMOND ROAD, OTTAWA

Facility Type:

Electric Power Systems Industry

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

FIP1901,vol2; FIP1912,vol2; FIP1922,vol2; FIP1948-309-1304A; FIP1956-309-4-1304A,vol3; M.1948, M.1955

HL References 2: HL References 3:

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

**Company Name** 

**Year of Operation** 

Canadian General Electric Co. Ltd.

c. 1956

MAP Report Ver: 1

Page 4 of 7



HLUI ID: 679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year

PIN 040210073 Multi-NAIC

**Activity ID:** 

342

Multiple PINS:

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s):

**Related PINS:** 

040210073

Name:

PAPER SIGN MAN

Address:

350 KIRKWOOD AVENUE,

Facility Type:

Sign and Display Industry

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

HL References 2:

HL References 3:

2005 Select Phone

**NAICS** 

SIC

339950

0

**Company Name** 

ART DISPLAY & SIGNS

EMERY SIGNS

PAPER SIGN MAN

**Year of Operation** 

c. 2001

c. 2001



HLUI ID: \_\_679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year 1998 **PIN** 040210073

Multi-NAIC

Multiple Activities

Activity ID:

4303

**Multiple PINS:** 

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s):

Related PINS:

040210073

Name:

DIAMOND MECHANICAL

Address:

350 KIRKWOOD AVENUE, OTTAWA

Facility Type:

Plumbing, Heating and Air Conditioning, Mechanical Work

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

**HL References 2:** 

HL References 3:

2001 Employment Survey

**NAICS** 

SIC

238220

0

**Company Name** 

**Year of Operation** 

DIAMOND MECHANICAL



HLUI ID: \_\_679GOJ

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:33:19

Study Year 1998

PIN 040210073 Multi-NAIC

Multiple Activities

Activity ID:

6559

**Multiple PINS:** 

AREA (Square Metres): 6370.600

Ν

PIN Certainty:

1

Previous Activity ID(s):

Related PINS:

040210073

Name:

**GUILLEVIN INTERNATIONAL** 

Address:

175 RICHMOND ROAD,

Facility Type:

Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2: HL References 3:

2005 Select Phone

**NAICS** 

SIC

416110

0

**Company Name** 

Year of Operation

**GUILLEVIN INTERNATIONAL** 

c. 2001

**GUILLEVIN INTERNATIONAL** 



#### **CITY OF OTTAWA** HLUI ID: \_\_\_670IQH

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:31:45

AREA (Square Metres): 30368.888

Study Year 1998

PIN 040210168 Multi-NAIC

**Multiple Activities** 

**Activity ID:** 

10796

1

Multiple PINS:

Ν

PIN Certainty:

Previous Activity ID(s): 1251

**Related PINS:** 

040210168

Name:

R. L. CRAIN LIMITED

Address:

190 RICHMOND ROAD, OTTAWA

Facility Type:

Other Machinery and Equipment Industries

Comments 1:

Pre 1950 this property was located in Nepean. It is now a part of Ottawa. Company occupies 10 acres

of property.

Comments 2:

They manufactured products such as business forms R. L. Crain Ltd. Generator #ON0146302 (waste

generator) Crain-Drummond Inc. Generator #ON0249903 (waste generator)

**Generator Number:** 

Storage Tanks:

Two (2) 1000 gallon UST (fuel oil) and one (1) 500 gallon UST (gasoline).

**HL References 1:** 

M.1948, M.1955, M.1958, M.1960, M.1961, M.1964, M1965, M.1970, M.1971, M1980; S.1958, S.1961, S.1964,

S.1965; FIP1901-?-397; FIP1912-?-397; FIP1922-397; FIP1948-309-697,vol3; FIP1956-309-4-697,vol3; Roy-1952;

PID1994

**HL References 2:** 

**HL References 3:** 

NAICS	SIC
322111	271
322112	271
322122	271
323115	281
323116	281
333110	319
333210	319
333299	319
333611	319
336120	319
812921	282
323114	281
323119	281
333130	319
333291	319
336211	319
322121	271
322130	271
323120	282
333120	319
333220	319
335990	319
336510	319
332991	319
333910	319



HLUI ID: \_\_670IQH

AREA (Square Metres): 30368.888

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:39:21

Study Year 1998 PIN 040210168 Multi-NAIC

Multiple Activities

**Company Name** 

R. L. Crain Ltd.

Crain-Drummond Inc.

Year of Operation

c. 1947-1994



### CITY OF OTTAWA HLUI ID: \_\_679GX5

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:30:57

AREA (Square Metres): 365.722

Study Year 1998 **PIN** 040210196

Multi-NAIC

Multiple Activities

**Activity ID:** 

14750

Multiple PINS:

Υ

PIN Certainty:

2

Previous Activity ID(s): 5602

Related PINS:

040210168

Name:

WESTBORO GARAGE

Address:

166 RICHMOND ROAD, OTTAWA

Facility Type:

Motor Vehicle Repair Shops

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

M.1900, M.1910, M.1920, M.1930, M.1940, M.1950

HL References 2:

**HL References 3:** 

**NAICS** 

SIC

811119 811112 635

811121

635 635

**Company Name** 

**Year of Operation** 

Westboro Garage

c. 1930-1940

MAP Report Ver: 1 Page 1 of 1



## CITY OF OTTAWA HLUI ID: \_\_679EI1

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:29:58

AREA (Square Metres): 509.966

Study Year 1998 PIN 040210198

Multi-NAIC

Multiple Activities

Activity ID:

10370

**Multiple PINS:** 

Ν

PIN Certainty:

1

Previous Activity ID(s):

Related PINS:

040210198

Name:

PHOTO FEATURES

Address:

160 RICHMOND ROAD, OTTAWA

Facility Type:

Photographers

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: HL References 2:

HL References 3:

2001 Employment Survey

**NAICS** 

SIC

541920

0

**Company Name** 

**Year of Operation** 

PHOTO FEATURES



HLUI ID: \_\_679EI1

AREA (Square Metres): 509.966

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:29:58

Study Year 1998

PIN 040210198 **Multi-NAIC** 

Multiple Activities

Activity ID:

13814

Multiple PINS:

Υ

PIN Certainty:

2

Previous Activity ID(s): 5738

Related PINS:

040210197

Name:

WESTBORO MONUMENT & WIRE WORKS

Address: Facility Type: 156 RICHMOND ROAD, OTTAWA

Comments 1:

Wire and Wire Products Industries - listed @ 122 in 1930

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

M.1900, M.1910, M.1920, M.1930, M.1940, M.1950

**HL References 2: HL References 3:** 

NAICS	SIC
331222	305
334512	305
327420	359
333990	305
332619	305

#### **Company Name**

Year of Operation

Westboro Monument & Wire Works

c. 1940

Page 2 of 3



HLUI ID: \_\_679EI1

AREA (Square Metres): 509.966

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:29:58

Study Year 1998 PIN 040210198 Multi-NAIC

Multiple Activities

**Activity ID:** 

2464

**Multiple PINS:** 

Ν

PIN Certainty:

1

Previous Activity ID(s): 5081

**Related PINS:** 

040210198

Name:

CANADIAN AERIAL PHOTO CORPORATION OTTAWA

Address:

160 RICHMOND ROAD, OTTAWA

Facility Type:

Air Transport Industries

Comments 1:

Comments 2:

**Generator Number:** 

Storage Tanks:

HL References 1:

SC98

**HL References 2:** 

**HL References 3:** 

NAICS	SIC
481110	451
481215	451
487990	451
621912	451
481214	451
611510	451

**Company Name** 

**Year of Operation** 

Canadian Aerial Photo Corporation Ottawa

c. 1998

MAP Report Ver: 1

Page 3 of 3



HLUI ID: \_\_679BHL

AREA (Square Metres): 24140.850

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:28:55

Study Year

1998 2005 PIN

040210076 040210247

**Multi-NAIC** 

**Multiple Activities** 

**Activity ID:** 

5173

**Multiple PINS:** 

Ν

PIN Certainty:

Previous Activity ID(s):

**Related PINS:** 

040210247

Name:

ED BRUNET & ASSOCIATES INC.

Address:

145 RICHMOND ROAD, OTTAWA

Facility Type:

Residential Building and Development

Comments 1: Comments 2:

Generator Number: ON9380521

Storage Tanks:

**HL References 1:** 

**HL References 2:** 

**HL References 3:** 

2003 PID

**NAICS** 

SIC

236110

0

**Company Name** 

**Year of Operation** 

ED BRUNET & ASSOCIATES INC.



### **CITY OF OTTAWA** HLUI ID: \_\_670IRA

Report:

RPTC\_OT\_DEV0122

Run On:

29 Nov 2011 at: 09:28:04

AREA (Square Metres): 31146.804

Study Year 1998

**PIN** 040210076

Multi-NAIC

**Multiple Activities** 

Activity ID:

2480

Multiple PINS:

Ν

Previous Activity ID(s): 1914

**PIN Certainty:** Related PINS:

040210247

Name:

CANADIAN BANK NOTE CO LIMITED

Address:

145 RICHMOND ROAD, OTTAWA

Commercial Printing Industries

Facility Type: Comments 1:

Comments 2:

Generator Number: ON0045200

Storage Tanks:

**HL References 1:** 

FIP1912,vol2; FIP1922,vol2; FIP1948-310-1541; FIP1956-310-2-1541; M.1900, M.1910, M.1920, M.1930, M.1940,

M.1949, M.1950, M.1957, M.1958, M.1960, M.1961, M.1964, M.1970, M.1980; PID1994; SC98

**HL References 2:** 

**HL References 3:** 

2000 PID

NAICS	SIC
323113	0
323114	281
323115	281
323116	281
323120	282
323114	0
323115	0
323119	281
812921	282

#### **Company Name**

#### Year of Operation

Canadian Bank Note Co. Ltd.

c. 1948-1998

CANADIAN BANK NOTE CO LIMITED

c. 2000

CANADIAN BANK NOTE CO LIMITED

c. 2001

CANADIAN BANK NOTE CO LIMITED

c. 2003

CANADIAN BANK NOTE CO LIMITED

On 44!455 - hm	captable	_		c.
JTM 1/18 (8)   HON 1 ! E   02   02   03   012   17   316   0   N	ASE 30	ob 1	.5 Nº	3972
Elev. 9 RG 0 21010	ONTARIO	_		
The	ell Drillers Act Mines, Province of On	RECEIV		* \
Lot-32. Water	Vell Rec	ord	371.3	_ `
County or District Carlelo TD.	PEAN	GEOLOGICAL BI DEPARTMENT DE	RANCH C	OTT AWA
County of Biothee		Acre	s	
	including pump).	180.00		
Pipe and Casing Record		Pumping Test		
Casing diameter(s)	Date £	ebruary 26		
Length(s) of casing(s) / D	Developed Capacity			
Length of screen	Duration of Test			
Type of pump	Drawdown	3.4		
Capacity of pump	Static level of complete	d well	S F	
Depth of pump setting 2.0. #	lls well a gravel-wall ty	pe?		
	ater Record	- tom		
Kind (fresh or mineral)	sh		Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur etc.)	ř	Water Horizon(s)	Water	Water Rises
م می می می می می Appearance (clear, cloudy, coloured)	Clear	110 ft	DA	5 A S
For what purpose(s) is the water to be used?			1011	110 Lest
and laws	garden etc.			
How far is well from possible source of contamination What is source of contamination?				
Enclose a copy of any mineral analysis that has been				
Well Log  Drift and Bedrock Record	From To		tion of Wel	
	O ftft.	In diagram belo from road and lo		ances of well
Sand			AST	
Blue Clay	2 5		4/	
Mistate Provintione	6 50			
Black state	50 60			
4.0	1. 18-15	- 4/2 808		1 10-5
13 rue Suare	60 125			Canal P. D.+
		APO	EGWA	bluin Co
		A 600	<b>.</b>	as
		11/200	JAN .	
	/ /	190 m	2/1	
		A Park I was		
		which there	1	
		1/2 the train	e st	***************************************
Situation: Is well on upland, in valley, or on hillsid	Leanol	What it is	e st	
Drilling Firm Myllyn Bu	Leavel	Whater y	<u>est</u>	
Drilling Firm Mullyn Bro Address Westlow R R #1	······································	. Paud	est	
Drilling Firm Mullyn Bus Address Westbook R #1 Recorded by John & Murhan	Address.	. Pand	est	
Drilling Firm Mullyn Bus Address Westlow R #1	Address.	. Paud	est	
Drilling Firm Mallyn Bus Address Wester R R #1 Recorded by John & Murhan	Address.	. Pand	e st 	

	37		C•
UTM 118 Z 4 4 1 6 5 0 E	A56 30 k	15 Nº	3973
9R 50 37 2110 N		RECEIVED	X
Elev. 9 R D 210	ONTARIO  Drillers Act	MAR 23 10/11	
^ ~ °		Ontagio Logical Branch	
Water W	ell Re	DEPARTMENT OF MINES	_
Contract Pictrics Carletie OTTAWA	- Other a. West	Con. Lot Pt. Lot .	
7.00	land Pro	A due Acres !	
,	icluding pum	p)	
Pipe and Casing Record		Pumping Test	
Casing diameter (b)			
Length of screen	Duration of Test	1 hr	
Tune of nump	Drawdown	ro galo a ham	
Capacity of pump	Static level of comp	eleted well / o feet fun !	<i>t</i> <sub>1</sub> 6
Depth of pump setting	is well a gravel-wall	i type:	
	ter Record		
Kind (fresh or mineral) Jush	N	Depth(s) to Water Horizon(s)  Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur etc.)		10 feet fresh	, 10
Appearance (clear, cloudy, coloured)	mestri		
		120 fet	
How far is well from possible source of contamination?.  What is source of contamination?			
Enclose a copy of any mineral analysis that has been ma	de of water		
Well Log		Location of V	Vell
Drift and Bedrock Record	From To O ft	In diagram below show d ft. from road and lot line	istances of well
topsoil	1 - 9/0	X Y	1
grad at hard clay	-1- 1/fc	Island Park of	ma P
Limesting	9 - 70/	at and an	13
soulding on a pear king the	13/	goo malfan >	14
Thin	13- 120	to feet from	131
		1 2	, ,
		_	
Situation: Is well on upland, in valley, or on hillside			
1 Lan RRH			
Recorded by Is and A Mysellyn		ence Number	
Date			

UTM 1 18 12 4 1411 1514 5 18 19R 510121617100N Elev. 9 40121310 Basin 25



## REC IVED MAY 13 1952

GEOLOGICAL BRANCH DEPARTMENT OF MINES

Νọ

The Well Drillers Ac

Department of Mines, Province of Ontario

Water W	ell :	Rec	ord	•	
County or Territorial District.  Con	ige, Town Idress	or City)	umond	Rd	
Pipe and Casing Record		1	Pumping Test		
Length(s) of casing(s)	atic level Imping level Imping rate Iration of t	est/	,		
Kind (fresh or mineral)	1 ah		Depth(s)	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)	olt		Depth(s) to Water Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)	dea	٠٠٠٠٠٠	80	head	40
For what purpose(s) is the water to be used?	romina	we.	160	Gust	· ()
			·· <del>· · · · · · · · · · · · · · · · · ·</del>	Level.	160
How far is well from possible source of contamination?				1-1-2-1	*
What is the source of contamination?					
Enclose a copy of any mineral analysis that has been made of	water		• •		<u> </u>
Well Log	1 -		Loca	ation of Well	
Overburden and Bedrock Record	From 0 ft.	To 3.6ft.	In diamon b	elow show dista	man of
sandy May & Boulders	200	/ / /- 0	•	ad and lot lin	
the black simesions	1500	200	dicate north	by arrow, 🗀	18 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
hard grey lemestone	2)5'	2.50	Sulver Suly	Rich moind Rd DA	
				7/4	-
Situation: Is well on upland, in valley, or on hillside?  Drilling Firm	*	. Address Licence N	Y & 3 Vumber. Valture o Signature o		agh
			Juk	wood	ave.



15 Nº

GROUND WATER BRANCH

8932

Elev.  $4^{1}$  0121215 Basin 215 11

The Water-well Drillers Act, 1954
Department of Mines

AUG - 5 1958

Water-Well Record COMMISSION

County or Territorial District	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,	ity)		
(day)	(month)	(year)					
Pipe and Casin	g Record				Pumping Test		
Casing diameter(s)	5 "		Stat	ic level	35		
Length(s)	***************************************		Pum	ping rate	35 200 GPH	/	
			Pum	ping level	60		
Length of screen	•••••••••••••		Dura	tion of test	60	•••••••	
Well Log					Water Record	•	
Overburden and Bedrock Record	From	То	1	Depth(s) at which	No. of feet	Kind of water (fresh, salty,	
BOUDER 4LAY	n.	#. 20		water(s) found	water rises	or sulphur)	
GAEY LICANSTONE	20	115		110		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
20,0,0,0,0,0		//3			80	FRESM	
-			_				
			+				
			$\dashv$				
·							
For what purpose(s) is the water	to be used?			Loc	ation of Well	244	
Is water clear or cloudy?	1 600	••••••	I	n diagram below	show distances of	well from A	
Is well on upland, in valley, or on			r	oad and lot line.	Indicate north		
won on applied, in valicy, or on	miside :	•••••			<u>(</u>	14	
Drilling firm 191961	96 HER				2		
Address 077	pNP				6		
Name of Driller					6		
Address	••••••		eas.		3 BICH	MOND RD	
Licence Number	••••••		***		2 1	The second secon	
I certify that the f	oregoing				3	125	
statements of fact						-	
Date July 136 mm					WK > W		
Vate 1 / K	caype	<b></b>			15 100.		

Ontario Ministry of the Environment		The	Ontario Water Resources Act WATER WELL RECORD
Print only in spaces provided.  Mark correct box with a checkmark, where applica	ible. 11	1532963	Municipality Con.
County or District Hawa - Casleton	Township/Borough/City/	Town/Village	Con block tract survey, etc. Lot 2527
	Address	Ottawa O. +	Date completed Z1 06 073 month year
T 1 2	Northing	RC Elevation RC	Basin Code ii iii iv
LOG 0		ROCK MATERIALS (see instruction	Denth - feet
General colour Most common material	Other materials	General	description From To
are linestone			4 51
3. 1			
		.*	
	}		
31			
32   10   14   15   21   51   51	CASING & OPEN HOLE	43 Sizes of C	
Water found at - feet Inside diam inches	Wall Material thickness inches	Pepth - feet From To  13-16    Slot No.)   Material a	inches feet
1   Figst Minerals   10-11	1 Steel 12 2 Galvanized 3 Concrete	13-16	41-44 feet
2 Salty 6 Gas			PLUGGING & SEALING RECORD  Annular space
2 Salty 6 Gas	2 Galvanized 3 Concrete 4 Open hole 5 Plastic	Depth set at   From   10-13	- feet To Material and type (Cement grout, bentonite, etc.)
2 Salty 6 Gas	1 Steel 26 2 Galvanized 3 Concrete	27-30 18-21	22-25
1   Fresh 3   Sulphur 34   Minerals 2   Salty 6   Gas		4 51 ***	30-33 80
71 Pumping test method 10 Pumping rate 113 GF	Danagen or pumping		ATION OF WELL
Static level end of pumping 25 Water levels during end of pumping 25 Water levels during 19-21 15 minutes 26-28 30 minutes 26-28	1 ☐ Pumping ★ Recovery  45 minutes 32-34 60 minutes 35-37	In diagram below snow Indicate north by arrow	r distances of well from road and lot line.
13 feet 15 feet 39 feet	feet 33 feet 31 feet		
If flowing give rate SPM Pump intake set at  GPM Recommended pump Type Recommended	Water at end of test  eet ☐ Clear ★ Cloudy  46-49		
□ Shatting pump setting	eet /3 GPM		
FINAL STATUS OF WELL 54	Asserting O D Metabod		Dichmord Rd.
Water supply    Ohseavetion well   S   Abandoned, insufficier	nt supply 9 ☐ Unfinished ✓ ity 10 ☐ Replacement well	'\	03 chmore
WATER USE 55-56			Kin
Domestic 5 Commercial 2 Stock 6 Municipal 3 Imigation 7 Public supply	Not use 10 🗋 Other	* 47	
4   Industrial 8   Cooling & air condition  METHOD OF CONSTRUCTION 57	ing .		
□ Cable tool     □ Solie tool     □ Rotary (conventional)     □ Boring	9 Driving 10 Digging		
3 ☐ Rotary (reverse) 7 ☐ Diamond 4 ☐ Rotary (air) 8 ☐ Jetting	11 Other		237915
Name of Well Contractor  ATT-ROCK DELL'SUCCE	Well Contractor's Licence No.	Date of inspection	. 1 9 59-62 Date received 9 200263-68 80
Address RRAZ Juspen	St	Date of inspection	Inspector
Name of Well-Technician	Well Technician's Licence No.	Remarks	CSS.ES2
Signature of Technician/Contractor	Submission date	WINIS	
2 - MINISTRY OF THE ENVIRONM	MENT COPY		0506 (07/00) Front Form

**®** Ontario

Ministry of the Environment

Well Tag No. for Master Well (Print Well Tag No.)

A056104

#### **Cluster Well Information for Cluster Well Construction**

Regulation 903 Ontario Water Resources Act

					-						Page	of
Property Owner's Information											Consent	
First Name Last N		0	)	-	ess (Street No		,	Munic		A	Property Owner's Consent to use cluster f	lorm
Province Postal Code	e HAICTM	2137 06 1 E-mail	ubucWo	1455 100 C	DONSTR	LLATI	on Cla		のか亿 No. (inc. area	OTTAWA	Signature	Date (yyyy/mm/dd)
ON   H Z	5/6/3	18 0	Carol.How	mese ottaw	a.ea			, ,	3 5 8	,	Casol Holmas, P. Eng	2007/11/0
Cluster Well Information											Consent to release additional information upon request	to the Director
Address of Well Location (Street Number/Name, RR) SEE ATTACHED PCAU		Lot	1	Concession Te	ownship			County	y/District/Mui	nicipality	Signature of Technician/Contractor	Date (yyyy/mm/dd)
City/Town/Village Proving	ce Po	stal Code	-		lodel	Unit Mod	de of Oper	ation 🔲 Und	differentiated	Averaged		
OTTAWA Onta	rio			GALMM .	765	Differ	entiated, s	pecify: 3A			_	
	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Inte	erval (metres)	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
B42 18T 4414875627448	5.2	20.0	Bound	PLASTIC	0-2.2	2.2	5.2	BENTONIT	4.0			
345 181 44/17/125/02/75/76	5.0	20,0	n	"	0-2.0	2.0	5.0	/)	4.2			
346 18/1442/21/35/02/787/4	5./	20.0	n	6	0-2.1	2.1	5.1	4	4.1			
3410 181442457257028009	5.2	20,0	1,	4	0-2.2	2.2	5.2	и	4.3			
4 4 187441 5619502741914	3.1	20.0	ίι	11	0-17	到.7	3.1	((	434			
		.,,										
Well Contractor and Well Technician Info	ormation										Date 1st Well in Cluster Constructed Date Last Well	in Cluster Constructed
Business Name of Well Contractor		- 1		(Street Number/Nar			Municipa			Province	(yyyy/mm/dd) 2 (yyyy/mm/dd) 2	2007/10/16
Postal Code Business Telephone No	). (inc. area c	( 60 ( )	55 HE  Well Contractor	or's Licence No. Bus	iness F-mail A	ddress	Hum	GER BA	7	ONTANIO	Ministry Use Only	
P785V580762	32	9/2/9	68	or's Licence No. Bus 3 8 an's Licence No. Date	dstar	04 A • (	201				Date Reveryed (2//2007/dd) Date Inspec	ted (yyyy/mm/dd)
Name of Well Technician (First Name, Last Name)			Well Technicia	n's Licence No. Date	e Submitted (y)	/yy/mm/dd)	Signature	of Technician	//		Audit No. Remarks	
1991 (11/2006)			2 3	7 7	OCT 2	· · · · · · · · · · · · · · · · · · ·						
					1/1	nistry's	Copy				© Queen's Pr	rinter for Ontario, 2006

### Tontario Ministry of the Environment

Well Tag No. for Master

Д 056104

### Master Well Record for Cluster Well Construction

COTTON CONCESSION CONCESSION				36/C	34			Negulation	Page _	of
Master V First Name		Land Owner's Info	rmation Name				T			
	SP OTTAWA Idress (Street Numbe			6 8 SOO	ZMeas					
			BUC WORK Municipality	7 0 200		Provi		Postal Code		No. (inc. area code)
	ONSTRUCTION	n of the Master We		AWA			2M	142666	<u> </u>	1802424
		et Number/Name, RR)	046400404040404144F0414461449103049067448308	nship				Lot	Concessio	n
	ATTACHE	ED PLAN		,					Concessio	
County/Dis	strict/Municipality		City	/Town/Villag	-			l l	Province	Postal Code
UTM Coord	dinates   Zone , Easti	ng , Northing	GPS I	OTT	Model		Mode of C		Ontario	<u> </u>
NAD	18 3 18 7 44		7949GA		76	5	i	ntiated, specify	Jndifferentiated 3.0	Averaged
		k Materials (see inst						Hole I	Details	
General Colour	Most Common Material	Other Materials	General Description	Prom	(Metres)	Depth From	(Metres)		Diamete (Centimetr	
GRY	ASPHALT			0	0.2	0	-2	20.0		
GRY	CONCRETE	100000000000000000000000000000000000000		0,2			3.3	20.0		
Ban	SANO	Charles			0.5					
<u>1)(00</u>	1	GLAVEL COSSU	5	0.5	31-0	···	1			
OL-1	LIMESTONE			1.8	5.3	·	7-11			
								Water		
			1)			☐ Public☐ Dome:			lot used Dewatering	Other, specify
		190	ľ			☐ Livesto			fonitoring	
	101		-			☐ migan	OII E 1	Method of C	Cooling & Air Condi	uoning
***************************************	60,					Cable		☐ Air Perca		ing
							(Convention (Reverse)	nal) 🔲 Diamond 🔲 Jetting		ng r, specify
						Rotary		☐ Driving		
								Status	of Well	
						Replac	ole cement Well		ned, Insufficient Su ned, Poor Water Q	
and the first		1.1				Dewate	ering Well	Other, sp	necify	14sty
	The second secon					Alterat	ion (Constru	ction)	ned, other, specify_	
						No Cas		reen Used	Static Wate	r Level Test
	1	Construction Det	ails			1	Yes 🔲 N	lo	Metr	es
Inside Dian		Material fibreglass, concrete, ga	Wall	Depth (	, ,	Galvan	izod ITS	Scre		
3,2	1				To 7 7		iameter (Ce	11.2.7	lot No.	300.3
	PLAST			0	2.3	<u></u>	<u> 3.6</u>	V) and the second	.010	2
		SCA	EEN 0.2	2.3	5.3	Malan Ca	ınd at Dept	Water Deta	THE RESERVE OF THE PROPERTY OF	
										Iphur Minerals
	-						ind at Dept	h Kind of V	Water	
Depth Set a		Space/Abandonmen	CANADA CONTRACTOR OF STREET				Metres [ ind at Dept	- · · · ·	0.000	lphur Minerals
From	To	Type of Sealant U (Material and Type		Volume (Cubic I		l		1		lphur
0.2	1.8 BENT	ONITE HOL	EPLUL	~/4	9	Disinfected	i ∐Yes [	No. If no, provide	reason: Date Ma	ster Well Completed
				/	`				(yyyy/m/ 2 p.0	
<i>"</i>						Cluster I	nformation	(Please also fill	out the addition	1/11/1
						Informati	ion for Wel	Construction for	or each parcel o	land and cluster.)
								_5	Information Log St	
						Total Wel	ls on this Pi	operty		į
								Location of V		
								provided as an are not allowed.		ger than legal size
										r Section 11.1 (3)
						Consent t	o release a or upon re	dditional inform	ation concernin	g the cluster to
								an/Contractor	Date (yy	yy/mm/dd)
lucines: N		actor and Well Tech	and the second s	THE PROPERTY OF STREET, SANSON, STREET, SANSON, STREET, SANSON, STREET, SANSON, SANSON		B				
_	me of Well Contracto		Well Con	itractor's Lice	nce No.	Master Wo Signature	eii Owner's	/Land Owner's o	consent to use C	luster Form yy/mm/dd)
lusiness Ad	ldress (Street No./Nar	ne, number, RR)	Municipality		0	Cari	1 Ho	Knes. P. E	na 200	7/11/07
605 rovince	HEWITSO Postal Code		THUND	en B	AY			Ministry U	000100000000000000000000000000000000000	
ONTAN	Δ 4		ll Address ○UM , Co∽			Audit No.	# NN	136   <sup>w</sup>	ell Contractor No.	
us.Telephor	ne No. (inc. area code)	Name of Well Technicia	ın (Last Name, First N	lame)		Date Rece	2 2 2007		ate of Inspection (y	yyyimmidd)
Vell Technicis	2 3 2 9 2 9  an's Licence No.  Signa	FINKE C	. ALAN	Lastin	,		Z Z ZWV/			
215	14 4 Signa	or recrinician		bmitted (yyy) とて 2o	/mm/dd) 57	Remarks	0100			
992 (11/2006)	)			. ~~		I W	~ . ~		@ Ougon's E	Inner for Onlario 2006

# Ontario Ministry of the Environment

Well Tag No. for Master Well (Place Sticker and/or Print Below)

Master Well Record for

Cluster Well	Construction
Dogulation 002 Onto	io Water Decourage Act

A032177 Page Master Well Owner's and Land Owner's Information Estate Telephone No. (inc. area code 2180 Younge 5dret 15th Aber Location and Construction of the Master Well in the Cluster Ontario MAP 2 4 8 Address of Well Location (Street Number/Name, RR) County/District/Municipality Concession City/Town/Village Province Postal Code Ottawa Carleton Ontario Mode of Operation: Averaged Undifferentiated NAD 8 3 8 991 79 2 50 272 95 Differentiated, specify **Hole Details** Overburden and Bedrock Materials (see instructions on the back of this form) Other Depth (Metro Depth (Metres) Materials Colour Material Description From From (Centimetres) black Asphalt povement 0 0.5 4.0 20.3 gray Sandy grand, occ. cobbles, glaciltill 0.15 4.0 Water Use Public typical of all boreholes ☐ Not used Other, specify Commercial Dewatering Domestic Livestock Municipal ☐ Monitoring Imigation Test Hole Cooling & Air Conditioning aps readings For each well are Method of Construction Cable Tool Air Percussion Digging shown on a separate sheet Rotary (Conventional) Diamond ☐ Boring
☐ Other, specify Rotary (Reverse) Jetting Driving hollow stem auger Rotary (Air) Status of Well Test Hole Abandoned, Insufficient Supply Abandoned, Poor Water Quality Replacement Well Other, specify Dewatering Well Alteration (Construction) Abandoned, other, specify Static Water Level Test No Casing and Screen Used Metres Construction Details Screen Depth (Metres Steel (Centimetres) (steel, plastic, fibreglass, concrete, galvanized) Thickness Galvanized Fibreglass From Outside Diameter (Centimetres) Slot No plastic riser 0 2.3 0.4 plastic Screen 2.3 4.0 Water Details Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Kind of Water Water found at Depth Metres Gas Fresh Salty Sulphur Minerals Annular Space/Abandonment Sealing Record Water found at Depth Kind of Water Depth Set at (Metres Type of Sealant Used (Material and Type) Volume Used Metres Gas Fresh Salty Sulphur Minerals (Cubic Metres) From Disinfected Yes No If no, provide reason: Date Master Well Completed Concrete 0.3 0 2 Le bago hole plug 2008/04/17 0.3 20 Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.) Filter Sand 21/2 bago 4.0 Total Wells in Cluster Please indicate Number of Cluster Well Information Log Sheets Submitted 12 Total Wells on this Property 12 Location of Well Cluster Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed. Check box to confirm detailed map is provided as per Section 11.1 (3) Consent to release additional information concerning the cluster to the Director upon request Date (yyyy/mm/dd) almann 2008/06/09 Well Contractor and Well Technician Information Master Well Owner's/Land Owner's consent to use Cluster Form Business Name of Well Contracto 6964 Municipality 1558 Appleton 57 de Road Almonte
Province Postal Code Business E-mail Address Ministry Use Only Well Contractor No M 00593 KO A A AO ogsmo bell net-ca Date Received (yyyy/mm/dd) Date of Inspection (yyyy/mm/dd) Ohlmann Wilh
Date Submitted (yy) 6132567666 JUN 1 2 2008 2008/06/09 Ministry's Copy

Ministry of the Environment Well Tag Number (F

A 020595

Well Record Regulation 903 Ontario Water Resources Act

Cette formule est disponible en français

Instructio	ns for	Comple	ting	Form
------------	--------	--------	------	------

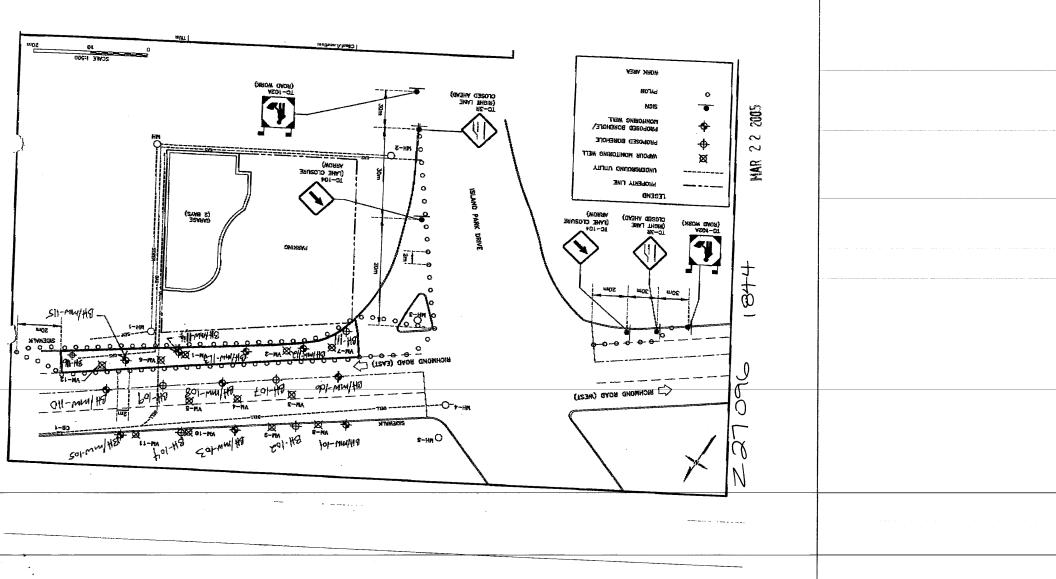
A-020595

page <u>L</u> of <u>2</u> For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.

All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Ministry Use Only Please print clearly in blue or black ink only. Well Owner's Information and Location of Well Information Mailing Address (Street Number/Name, RR. Lot, Concession SD Wyn Yond Davie - At Pierre B Last Name County/District/Municipality - AH Pierre Bhoure
Code Telephone Number (include area code) Province Postal Code M3C. Township/City/Toy/n/Village -441-2864. ·10000xto Address of Well Location (County/District/Municipality) Site/Compartment/Block/Tract etc. Mode of Operation: Undifferentiated Differentiated, specify Log of Overburden and Bedrock Materials (see instructions) Metres Depth General Description Other Materials Most common material Wat Soll 4 M Some Test of Well Yield Hole Diameter **Construction Record** Draw Down Recovery Pumping test method Metres Diameter Depth Metres Wall Inside Time Water Level Time Water Leve Materia From To Centimetres thickness diam min min То centimetres 4M L Pump intake set at -Static Casing (metres) .eve Schoolule 1 Steel Fibreglass (litres/min) 2,54 APlastic Concrete K Duration of pumping 40 2 Water Record Galvanized Typient Water found at Metres / Kind of Water Steel Fibreglass Final water level end Sulphur Plastic Concrete Fresh of pumping Minerals Gas Galvanized Recommended pump 4 Other Steel Fibreglass l m Sulphur Minerals Fresh Plastic Concrete 5 Salty depth. Galvanized metre Recommended pum 10 Screen rate. (littes/min)
If flowing give rate 15 15 Outside Steel Fibreglas: Slot No. 20 diam 20 Plastic Concrete (litres/min) 25 25 65m #10 Galvanized If pumping discontinued, give reason. 30 30 40 40 No Casing or Screen -50 50 Open hole 60 Location of Well Annular space Abandonment Plugging and Sealing Record Volume Placed (cubic metres) In diagram below show distances of well from road, lot line, and building. Indicate north by arrow. Depth s From Metres Material and type (bentonite slurry, neat cement slurry) etc. see Attached Phone 2Bys Method of Construction Digging Rotary (air) Diamono Rotary (conventional) Ar percussion Jettina Driving Rotary (reverse) Boring Water Use Industrial Public Supply - Domestic ☐ Not used Commercial Irrigatio Cooling & air conditioning Municipal 27096 Final Status of Well Was the well owner's information package delivered? Unfinished Abandoned, (Other Recharge well Water Supply Observation well Abandoned, insufficient supply Dewatering Ministry Use Only Well Contractor/Technician Information MAR 2 2 2005 50V-1B0 Well Record Numbe Remarks

05 03 07

Contractor's Copy Ministry's Copy Well Owner's Copy



W Offication the	Environ	rika p <mark>rograma</mark>	1 No. 2016 (A)	naverja asserba	ales son regiser	Regulation	903 Ontar	io Water R	Record esources Act
Instructions for Completing  For use in the Province of All Sections must be comp  Questions regarding compl	Ontario	only. This documer	nt is a pen	manent <b>legal</b> ing Further in	document. Pl	ease retain for fu explanations are	iture refer available o	ence. on the back	Tarana Alama
<ul> <li>All metre measurements</li> </ul>	shall be	reported to 1/10th	of a metro	e. F	veii ivianagen	Activities the second s	Use Only		<del></del>
<ul> <li>Please print clearly in blue</li> </ul>	or black	ink only.	L	MŮN	निवास है		Use Only	LC	т
Well Owner's Information as	nd Loca Last Name	tion of well infor	Mayon	Aailing Address	(Street Numbe	er/Name, RR,Lot,C	oncession	}	
County/Distrat/Municipality	1wi	Township/QHy/Town	/// Z-Z	<i>6/                                    </i>	vince Posta	COOK I	Helebilone	Number (in	clude area code)
Urmun		OII	WITT	Oı	ntario <i>H</i>			722-	
Address of Well Location (County/D	istrict/Mu	ajcipality)	T	ownship	man		Lot	Concess	sion
RR#/Street Number/Name				City/Town/Vill		Site/Co		/Block/Trac	t etc.
GPS Reading NAD Zone	Eastin	g Northi	09_ 3_ 3		del Mode	of Operation:	Undifferentia		veraged
8 3 /8 Log of Overburden and Bed	rock M	1527 So	7/3/2 uctions)	MAC	51	u Tn 🗆	Differentiated	d, specify	
General Colour Most common m		Other Mate	erials	tore actor.	Genera	l Description		Depth From	
Secretical Advant	and the		I de care	44		ir I - Ngoo i ar are		1,54	
	77 11;	Harriet Harry Street Aug Harriet Harris Africa	The self of	100		nii jirnon kommit Janeeli ta'n, e			
								\$4. S.	
		the self-redding control	page that a		ALL DOMESTIC	elői ellet i szere	- '		a a
	- 1			arri apro 1	nostrus. Tiri	. majirka nga nasistra 1 na	a govern		
<u> </u>				<u> </u>		<u> </u>		1	
	- 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10	The state of the s	ti e para yi ili. Personan	1 1870 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>ang a mengalah dalam dal</u> Tahun Taran dalam	erg i mer 2001 i kilos (fluide 2000). Principaliti kilos (fluide 2000).	Agrangia in in	1 18700 19	
Hole Diameter	-	Const	ruction Re	ecord		1	Test of W	ell Yield	
Depth Metres Diameter	Înside		Wall	Depth	Metres	Pumping test me		w Down	Recovery
From To Centimetres	diam centimetres	Material	thickness centimetres	From	То		min		Fime Water Level min Metres
	oonarioa po		Casing		be " c. of	Pump intake set (metres)	at - Static Level		
		Steel Fibreglass			Constitution of the state of th	Pumping rate - (litres/min)	1		1
		Plastic Concrete	1		. 4.499	Duration of pump	ing 2		2
Water Record Water found Kind of Water at Metres	40	Galvanized Steel Fibreglass			143.00		_ min		
m Fresh Sulphur		Plastic Concrete			100 miles	Final water level of pumping	end 3 etres	1 1 1	3
Gas Salty Minerals Other:		Galvanized			1	Recommended p			4
m Fresh Sulphur		Steel Fibreglass Plastic Concrete				Shallow Recommended p			5
Gas Salty Minerals Other:		Galvanized	100			depthm	etres		* ·
m Fresh Sulphur Gas Salty Minerals			Screen			Recommended p rate. (litres/min)	ump 10		10
Gas Salty Minerals Other	diam	Steel Fibreglass Plastic Concrete	Slot No.		La Company	Din Howing give rat	e - 20		20
After test of well yield, water was		Galvanized			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(litres/min) If pumping discon	25 tin- 30	90,63	30
Other, specify		No C	asing or S	creen		ued, give reason.	40		40
Chlorinated Yes No		Open hole		200.44			50 60		60
	line Dea	ord Annular	anana Ta	Abandonment		J L	ion of We		00
Plugging and Sea  Depth set at - Metres Material and type		slurry, neat cement slurry)	Vol	lume Placed ubic metres)		w show distances of			nd building.
From To	e D	walaha a jibi si a .	(60	2	Indicate north b	⊈rSkannesvistern i til mil	Quanto de la composição		
1.5 25 8000	to	11	3	Brgo		d rever to	er jako	144%	
0 15 Come	Ci	tt Off-	li clamit	0		g trebrés ún spiri. Ambriskerskám nemy	attalian Paratagoria	TELEVISION SERVICES	avil. No 193 Ha
9 Port	rack				i India para pas	o net <del>ĝist stand</del> um.	anta ana	1000	mountain)
era i de la compa	97 407	, doga struk nad?	por picures	0 (1880 H ST 34 H M)	v saart itga	rene kasa <b>s</b> iib laat.	इस्टा	- 1 - 1	1
Cable Tool Rotary (a		Construction Diamond		Digging	The strong 16/2	эмыцга авс≤ 9 эл	O : Bu 45	Plan Ingest	35(1) 11 - 53(1)
Rotary (conventional) Air percu		☐ Jetting ☐ Driving	1	Other	t .	Participal Security (Co.)	4.184	i en 7 lagradi Santa	HOVE COLUMN
Rotary (reverse) Boring		er Use		neach okoa .	destruction	versommusim gibil	s i e es		
□ Domestic □ Industria □ Stock □ Commer		Public Supp	ly	Öther Óther	1	and the dealer of the Carrier Street	40 KI (10 10 10 10 10 10 10 10 10 10 10 10 10 1	n sana. Kalabasan	Matika di Kalendari Ka
☐ Irrigation ☐ Municipa	al	Cooling & ai	rconditioning	9	Audit No. 7	28749	Date Well	Completed	/ MM DD
☐ Water Supply ☐ Recharge we		tus of Well Unfinished	Aba	indoned, (Other)	Was the well o	wner's Information	Date Deliv	vered yy	YY MM DD
Observation well Abandoned,	insufficient :	supply Dewatering	H	<u> </u>	package deliver		<b>(o</b>	, t:	
Test Hole Abandoned, r		chnician Informatic	n 🐪			Ministr	y Use Onl		
Name of Mel Contractor	1.11.	, We	ell Contractor	's Licence No.	Data Source		Contracto	5 57	4
Business Address (street name, number	er, city etc.)	Dir too	(1)//	*	Date Received	2 4 2005	Date of In	spection Y	YY MM DD
Name of Well Technician (last name, fi	P)(1.8"		ell Technician	n's Licence No.	NOV A		Well Rec	ord Number	
3 Sustain	,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	te Submitted	0	DWC VI	IA PHONE		ing state	
Signature of Technician/Contract X	<b>&gt;</b>		20	894 MM 98	2005/	11/15			-41-
0506E (09/03)	Co	ntractor's Copy D M	linistry's Co	py Well Ow	ner's Copy 📋	C	ette formul	e est dispo	nible en françai

0506E (09/03

Ministry of the Environment Well Ta 

Well Record Regulation 903 Ontario Water Resources Act

Cette formule est disponible en français

page 1 of 2

Instructions for Completing Form

029527

ber below)

• For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. **Ministry Use Only** Please print clearly in blue or black ink only. LOT Well Owner's Information and Location of Well Information Mailing Address (Street Number/Name, RR, Lot, Concession)
371 A Richmond Road First Name

Last Name

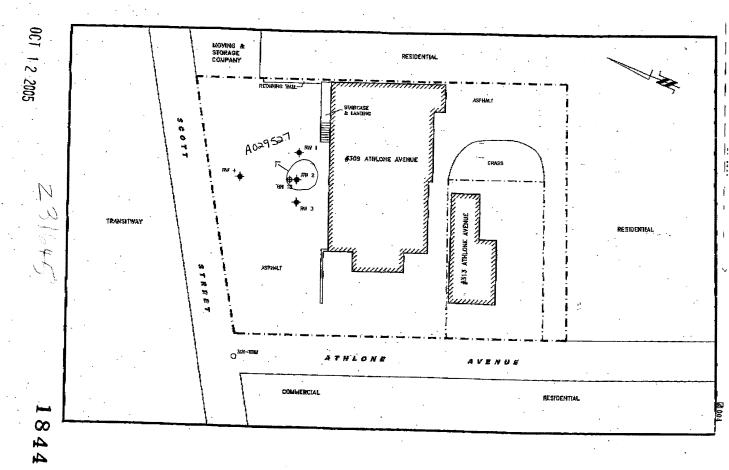
Last Name

Long Last Name

County/District/Municipality

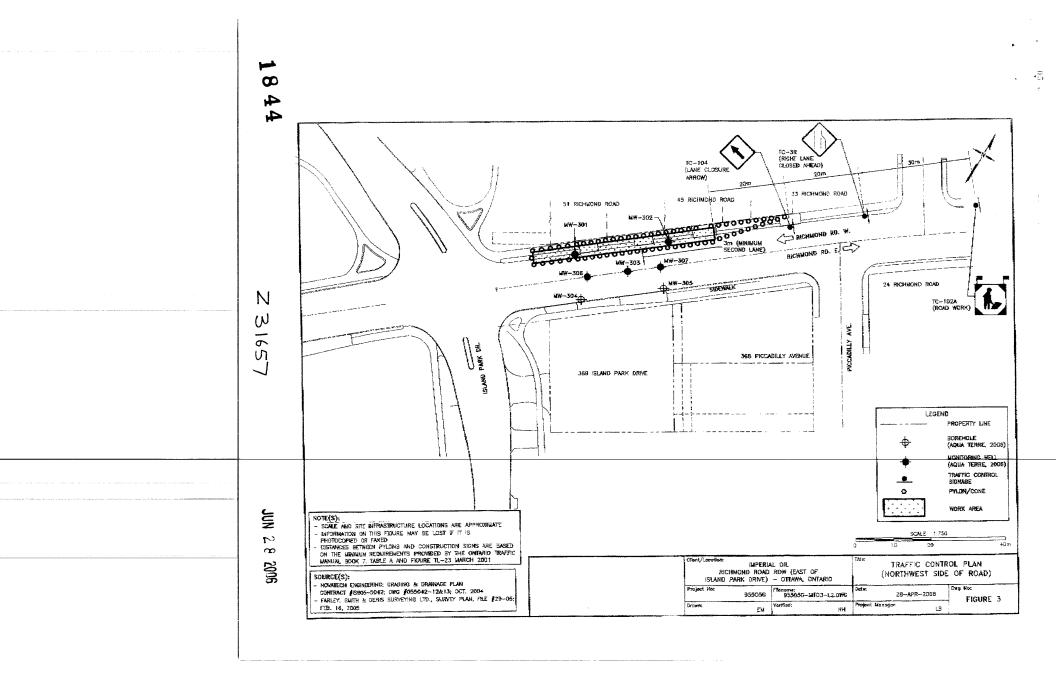
Towns Postal Code KAA OE Township/City/Town/Village Province Telephone Number (include area code) Ontario ection Reg. Plan Address of Well Location (County/District/Municipality) Township 58 159 263 RR#/Street Number/Name 309 Athlone Avenue City/Town/Village
Offaua
Unit Make/Model GPS Reading Mode of Operation: Undifferentiated Northing 50217223 Garmin GPS map 76 8:3 Differentiated, specif Log of Overburden and Bedrock Materials (see instructions) General Description Most common material Typical Monitering Well Shstallation asphalt concrete . 10 0,10 1,27 DK Brown Silty sond gravel Sandy Silt (5 wells as a cluster 1,27 Brown Shale layers 1.52 Grey limestone Construction Record **Test of Well Yield Hole Diameter** Draw Down Recovery Depth Pumping test method Metres Material Time Water Leve Time Water Leve Centimetres From To diam thickness Metres From min Metres min centimetres То entimetre 4.70 20 Pump intake set at -Static Casing \_evel Pumping rate -1 Steel Fibreglass Schedule (litres/min) | | Concrete 0.9 1.25 40 Duration of pumping 2 Water Record Galvanized \_hrs + mir Kind of Water Steel Fibreglass Final water Fresh Plastic Concrete of pumping Gas
Other: Minerals Galvanized Recommended pump 4 Steel Fibreglass type. ☐Shallow ☐Dee Sulphur m Fresh. Recommended pump Plastic Concrete 5 Gas Galvanized depth. Other Recommended pump 10 10 Z m Sulphur (litres/min)
If flowing give rate 15 15 Gas Minerals Outside Steel Fibreglass Slot No. diam 20 20 Plastic Concrete 4.70 1.25 (litres/min) 58 1m/n 25 **#**10 After test of well yield, water was Galvanized If pumping discontinued, give reason. Clear and sediment free 30 30 40 Other, specify No Casing or Screen 40 50 50 Open hole Chlorinated 🗌 Yes 🖳 🛂 No 60 60 Plugging and Sealing Record Annular space Abandonment **Location of Well** Volume Placed In diagram below show distances of well from road, lot line, and building. Indicate north by arrow. Depth set at - Metres | Material and type (bentonite slurry, neat cement slurry) etc. (cubic metres) 20h.C. Bentonite. 20416 Please See Site plan (attached) Method of Construction Cable Tool Rotary (air) Diamond
Jetting Digging Air percussion Other Rotary (conventional) Boring Rotary (reverse) Driving Water Use Domestic Industrial Public Supply - Sample Stock Commercial Not used Irrigation Cooling & air conditioning ☐ Municipal 31645 Final Status of Well Was the well owner's information package delivered? Unfinished Abandoned, (Other Recharge well Water Supply Dewatering Abandoned, insufficient supply Abandoned, poor quality Replacement wel Ministry Use Only Well Contractor/Technician Information Data Source Name of Well contractor Estate Dulling Ud Date of Inspection usiness Address (street name, number, gity etc.)
410 Main St. Grenville-Jen-Sa-Rouge OCT 1 2 2005 Oc JOVIBO Well Record Number MWN 19chnicia BAUCE Contractor's Copy Ministry's Copy Well Own

Owner's Copy [



PAGE

84



7

Well Record Number

Cette formule est disponible en français

Instructions	for	Completing Form
--------------	-----	-----------------

	linistry of he Environment	Nell lag Number (	place sticker and pri		Regulation 903	Well 3 Ontario Water R	Record
		TAY 12	A0299			Angelia de la companya del companya del companya de la companya de	ge of
nstructions for Completing • For use in the Province of	of Ontario only. This	document is a pe	rmanent lega	I document. Pl	ase retain for futur	e reference.	
<ul> <li>All Sections must be com</li> <li>Questions regarding com</li> <li>All metre measurements</li> </ul>	pleted in full to avoid pleting this applications shall be reported t	delays in proces n can be directed	sing. Further i I to the Water	nstructions and	l explanations are ava nent Coordinator at	ailable on the bacl 416-235-6203.	of this form.
Please print clearly in blue		all Information	MUN	cc	Ministry Us		от
Vell Owner's Information a	and Location of W		Mailing Addres	s (Street Numbe	er/Name, RR,Lot,Cond	cession)	
County/District/Municipality	Township/0	City/Town/Village	90 Wy	ovince Posta	I Code Tele	phone Number (in	clude area code)
Don Milk		ionto		ntario M 3	3C 1K5 41	6-441- 1	1864
Address of Well Location (County/	District/Municipality)		Township		Lot	Concess	sion
R#/Street Number/Name	Dichard Dr	ad	City/Town/Vi	llage - Gu Xu	Site/Compa	artment/Block/Trac	t etc.
SPS Reading NAD Zon	12-12-11-10-10-1-1-1	Northing	Unit Make/M	odel Mode			Averaged
.og of Overburden and Be	drock Materials (s	502736 ee instructions		an	Diffi	erentiated, specify	
General Colour Most common i	material C	Other Materials		General	l Description	Depth From	
			1 + <u>  1 - 1   1 - 1   1 - 1   1   1   1   1 </u>				
			c 2	R lac		لسامدة	
			<b>D</b> D0	renoles (	loccomiss piral	ionea.	
		erec			Harian		
	R	move mo	nu terin	a wells	· CALLEGE	Mand bad	:Kfill
ī :	bo	reholes un.	th bent		olaphus te	surface	* as
		in Minist		<u>903 aq</u>		<del>1</del> σρ	
Hole Diameter  Depth Metres Diameter		Construction R		Mahaa	Pumping test method	t of Well Yield  Draw Down	Recovery
From To Centimetres	Inside diam Materia	. unomicos		Metres			ime Water Level
0 421 20	centimetres	Casing	s FIOII	То	Pump intake set at -	Static	TIMIT WOULDS
	Steel	ibreglass	<u> </u>		(metres) Pumping rate -	Level 1	1
	Plastic C	Concrete			(litres/min)  Duration of pumping	2	2
Water Record Vater found Kind of Water at Metres	Galvanized	infeglass			hrs +mir		
m Fresh Sulphur	Plastic	Concrete			Final water level end of pumpingmetres	3	3
Gas Salty Minerals Other:	Galyanized	ibreglass			Regommended pump type.	4	4
☐ Fresh ☐ Sulphur☐ Gas☐ Salty ☐ MATherals	Plastic	-		19es - 1	Recommended pump	5 /	5
Other:	Galvanized		_/		depthmetres		40
m Presh Sulphur Gas Salty Minerals	Outside Steel F	Screen Fibreglass Slot No.	<del>/</del>		rate (litres/min)	y	10 15
Other:	diam Plastic C		100 100		If flowing give rate - (litres/min)		25
Clear and sediment free	Galvanized			1 1 1	If pumping discontin- ued, give reason.	- Jan	30
Other, specify	,	No Casing or S	icreen		give reason.		50
Chlorinated Yes	Open hole	. 7			1.7		60
Plugging and Se	aling Record		Abandonment		Location		d by Walley
From Io	e (bentonite slumy, neat cen		olume Placed ubic metres)	In diagram below	v show distances of well f	rom road, lot line, an	a building.
0 4.21 Bonton	٠ د	tangka a tangk	t Kg	Place	e see atto	chad sit	e plan
	Typical.	TOTAL PORT AND	e sinte per	1 0003		Carlotte Committee	
			- <del>  </del>	the second second	red Inc.	Andrew Stanfords	- 1
						e p	
M Cable Tool ☐ Rotary (	lethod of Construction	en amond	Digging		o en la companya de	, e tar en e	-
Rotary (conventional) Air perc	ussion Je	tting	Other	1 . 6.56 N	Maria de la compansión de	e de la companya de l	
Rotary (reverse) Boring	Water Use	iving					
Domestic Industria Stock Comme		ublic Supply	Tother or		n in legal species of the legal	Till Makelinte (1994) Sin College Agreement	Control of the Contro
Irrigation Municip	al Co	poling & air conditionin	- m	Audit No. 7	31657 Pa	te Well Completed	6 105 09
☐ Water Supply ☐ Recharge we	Final Status of Well	nfinished Aba	andoned, (Other)		vner's information Da	ite Delivered YY	
Observation well ☐ Abandoned, insufficient supply ☐ Dewatering  ☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well  ☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well							
Well Con	tractor/Technician In		r's Licence No	Data Source	Ministry Us	nigecton A	
Vame of Well Contractor	Estate Dulin	4 4d 184	LICOTICE INC.			1044	
Business Address (street name, numb	er, city_etc.)	1 0 +	1100	Date Received (	3 Y2000 MM DD DE	ate of Inspection YY	YY MM DD

2008 -1844 mass95 C01992

EC

w 0



Ministry of the Environment Well Tag No. for Master Well (Print Well Tag No.)
11 M.W.S Chbandon ned
Tag A032177

### **Cluster Well Information for Cluster Well Construction**

Property Owner's Informa	tion											Consent				
First Name	Col Last	Name	UA Y	nge St. I Address	Mailing Add	ress (Street N	o./Name, F	RR)	Munic			Property Owner's	Consent to	use cluster fo		
Canadian Tre Roal	Postal Co	ode L	E-mai	Address	, 15th Floo	r 1, U. bo	DX 11	0 241	Telephone	No. (inc. area	a code)	Signature	2		Date (yyy	
0N	M14 1	P 121V	18						4/16	, 514	14/6/4/3/3		8		2008	11/90
Cluster Well Information												Consent to releas	e additional	information to	the Dire	ctor
Address of Well Location (Street N	lumber/Name, RF	R)	Lot	49 00	oncession	Township			Count	y/District/Mur	nicipality	Signature of Techni	iclan/Contra	ctor	Date (yyy	yy/mm/dd)
109 Richmond F City/Town/Village	1000 Provi	ince Po	stal Code		PS Unit Make 1	Model	Unit Mod	e of Opera	ation 🗆 Un	differentiated	Averaged		()			
Ottawa.	Ont	tario						entiated, sp	_			Brues	Han	7	2008/	10/21
Well# UTM Coordinat		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	1		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Con	nments			Completion
NW	orthing	-	(GIII)	Constitution		(metres)	From	То	Godiani Osou	Level (metres)	1 · +		1			/mm/dd)
02 184417435											Bentonile				2008	10/01
103 184417555	0271270	3.8														
184417305																
MUS 184417345													1			
MW 1944172851																
MW 12111 1205													5			
MW 18441 7355													2			
MW 184417445	027247	3.8														
NO9 184417455	0/2/7/279	5.2														
MW 184417455 MW 184417395													7			
11 184417495													T. I		V	7
10 11 11 11 11												Date 1st Well in Cluste	a banda er Constructed	Date Last Well i	in Cluster C	constructed
Well Contractor and Well ? Business Name of Well Contractor	Technician In	formation		iness Address (S	Street Number/Na	me RR)		Municipali	itv		Province	(VVVV/mm/sdd) 2008/10	101	00000000000000000000000000000000000000	0/01	
	Setate	Drilling		10 Rue	's Licence No. Bu	Dale	Jacon	wille-	Suc-10-1	ROUGE	CD C	Ministry Use C				
Postal Code Downing Busin	ness Telephone N	No. (inc. area	code)	Well Contractor	's Licence No. Bu	siness E-mail	Address	2./	1 1	in ge		DEC 3 0 200	CONTRACTOR OF STREET	Date Inspecte	ed (yyyy/m	m/dd)
Name of Well Technician (First Nam	ne, Last Name)	700	469	Well Technician	4 4 Is Licence No. Da	te Submitted (v	yyy/muh/dd)	Signature	of Technician	200m	<u>,                                     </u>	Audit No	A CONTRACTOR	Remarks		_
Bruce Down:	ing			211	7 3 2		\	15	uck	Lun		c 019	92	Imo-	1999	5
1991 (11/2006)							inistry's	Сору				,	7	© Queen's Prir	iter for Ont	ario, 2006



Ministry of the Environment A 074567

A 074567

# Cluster Well Information for Cluster Well Construction

Property Owner's Information					Consent
First Name 255 Richmond Road Holding Province Postal Code	E-mail Address	ailing Address (Street No./Nam 255 Richmon	Municipality  d Road  Telephone No. (inc.  (4 1 3	ac. area code)	Property Owner's Consent to use cluster form Signature Date (yyyy 'nm/dd)  AIOJ 17 2 80
Cluster Well Information  Address of Well Location (Street Number/Name, RR)  255 Richmond Road  City/Town/Village Province Ontario	Lot Concession Stal Code GPS Unit GARGM	Make Model Unit N	County/District  Mode of Operation Undifferentiated, specify:		Consent to release additional information to the Director upon request  Signature of Technician/Contractor  Date (yyyy/mm/dd)  Coo8/10/29
Well # UTM Coordinates Full Depth of no Sketch Zone Easting Northing Hole (metres)			n Interval (metres) Annular Space Static V n To Sealant Used Level (m		Comments Date of Completion (yyyy/mm/dd)
18 44 1 24 6 5 0 2 6 9 7 7 7 500	20/10 HSA/DIA P	VC 2.5 2.5	5 7.0 Bentonito		2008/10/17
Well Contractor and Well Technician Information Business Name of Well Contractor  Clongs Druning Estat Druling, Id.  Postal Code Business Telephone No. Inc. area of State Order (State Order)  Name of Well Technician (First Name, Last Name)	Well Technician's Licence	e No. Business E-mail Address	Signature of Technician	Province	Date 1st Well in Cluster Constructed (yyyydmydd) (yyydmydd) (yyydmydd) (yyydmydd) (yyyydmydd) (yyyydmydd) (yyyydmydd) (yyydmydd)



C-1844 mo2900 CO1995

NOV 2 4 2008

Ontario

Ministry of the Environment

# A 074626 (Print Well Tag No.) A 074626

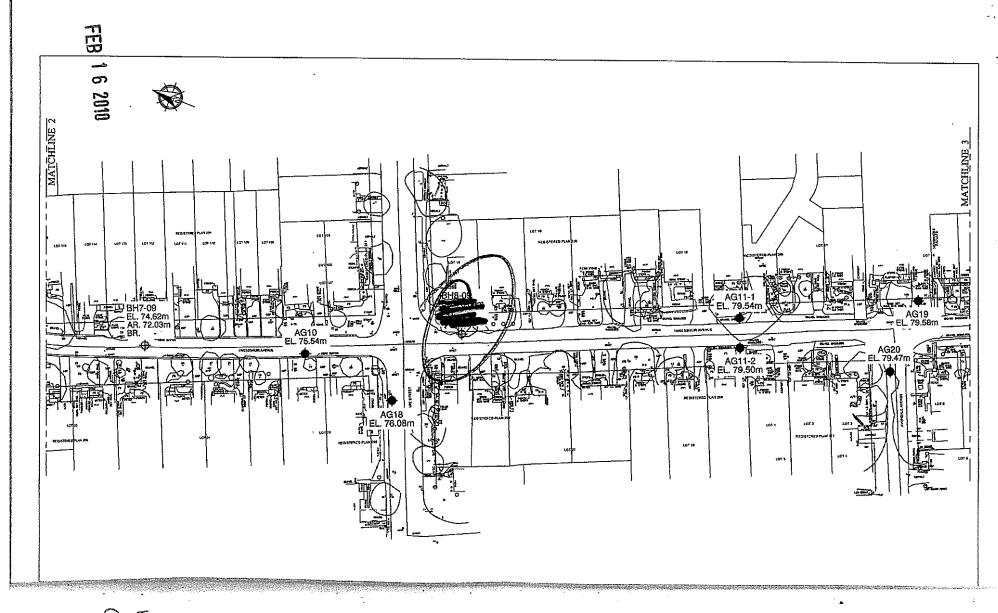
### **Cluster Well Information for Cluster Well Construction**

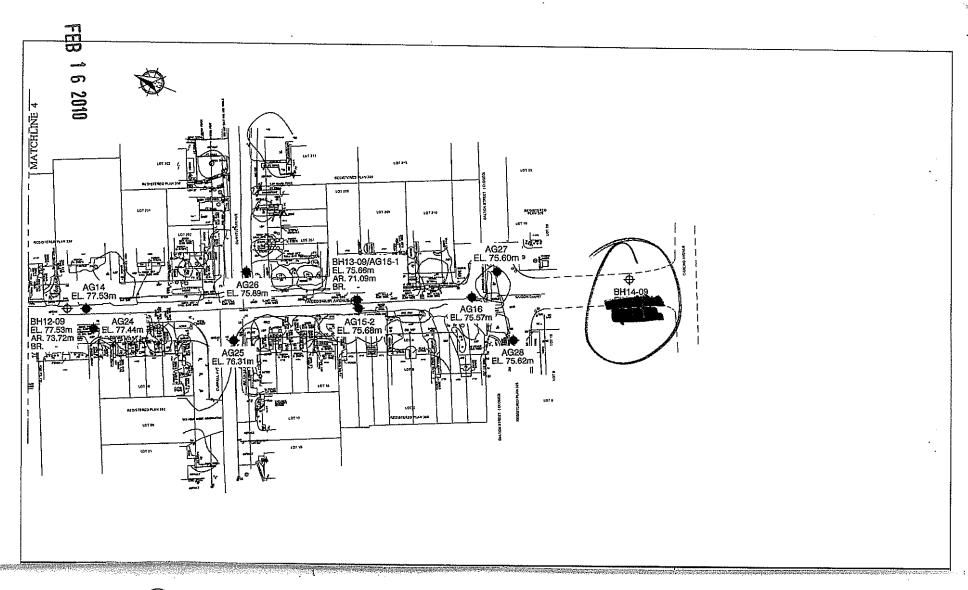
												Page	· 0	)f
Property Owner's Information												Consent		
First Name	Last	Name			Add	ress (Street N	o./Name, I	RR)	Munic	ipality		Property Owner's Consent to	use cluster fo	rm
Canadian lire K	eall E	state	4.		2	180 Yor	rge S	F. P.O.	Box 770 Telephone	Station	n K Toronte			Date (yyyy/mm/dd)
Province	Postal Co	de	I E-mail	Address			0		Telephone	No. (inc. area			and the second	
	1114	P121	18			***************************************			<u>  4 1  </u>	6 5 4	46438			
Cluster Well Information												Consent to release additional upon request	information to	the Director
Address of Well Location (Street Number		ł)	Lot	Co	ncession 1	ownship			Count	y/District/Mun	icipality	Signature of Technician/Contrac	tor	Date (yyyy/mm/dd)
Patricia Uveni City/Town/Village	ue.		5-1-01-		2011-5111-		177.434					- 1	**,	
OHawa	Onta		tal Code		PS Unit Make N	/lodel	1	de of Oper entiated, s	-	differentiated	Averaged			0 -01 1
Criawa	Ont	urio.					Dillel	emated, s	pecity.			1 James Jan		2009/06/24
Well # UTM Coordinates on Sketch Zone Easting Northing		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Int From	erval (metres)   To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments		Date of Completion (yyyy/mm/dd)
mw oat		4.9	20	145A	PYC	3.4	3.4	4.9	Bentonite	3.31				acca/04/20
mw oat oat mws cars	1 1 1	4.9				2.5	2.5	4.9		3.26			,	2009/04/21
wm +		4.6				26	2.6	4.6		2.69				7
100 m							~. 4	· · · Z		1				2009/04/21
G-7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	5.5				2.5	2.5	5.5		3. 15				2009/04/22
roll		5.5				2.5	2.5	5.5		2.54				2009/04/22
mun		4.9				1.9	1.9	4.9		2.62				2001/01/22
or muy		4.6	7	70	10	1.6	11		*	2.33				•
540		7.6	Y	- Y	7	1.6	1.6	4.6	4	α.ο <u>)</u>				2009/04/22
	<u> </u>													
Well Contractor and Well Techr	alolan In'	formetion				<u> </u>			<u> </u>			Date 1st Well in Cluster Constructed		
Business Name of Well Contractor	noian nii	ioi manon	Busi	ness Address (S	treet Number/Na	ame, RR)		Municipa	lity		Province	- 2009/04/20	(yyyy/mm/dd) SOCQ/C	24/22
George Dowling Esta Postal Code Business T	N. ote	illing L	Jel. H	In Dun G	Fin Fin coll s Licence No. Bus	00 (300)	nville	5.00	La Ro	000	OC.	Ministry Use Only		
Postal Code Business T	elephone N	lo. (inc. area co	ode)	Well Contractor	s Licence No. Bu	siness E-mail	Address			U		Date Acceived (1977) (1978)	Date Inspects	ed (yyyy/mm/dd)
Name of Well Technician (First Name, Las	7/2/4	12/6/1	4/6/9	) 181	H H C	townin	geh	ewk.	195. na	<u> </u>			Name and the	
				Well Technician	- ( -			Signature	(of Technician		^	Audit No. c 05190	Remarks	/ W W/1
	ξ		4 <del></del>	121	1 3 6	3009/06	124	1/2	me De	<u> </u>	<del></del>	COSTSO		<u>-17107_</u>
1991 (11/2006)	/					***	Ministry's	з Сору					© Queen's Prin	nter for Ontario, 2006

Well Tag No. for Master Well (Print Well Tag No.) A 074622

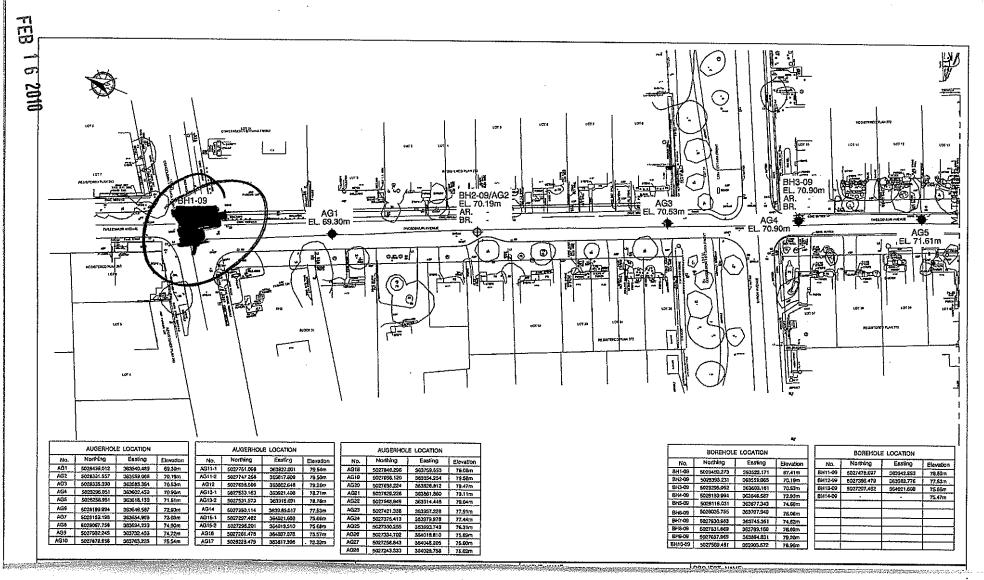
### **Cluster Well Information for Cluster Well Construction**

Property Owner's Informatio	n											100 m	Consent	<u> </u>	•
First Name	Last	Name				dress (Street N			Munici		and edition and a residence being		Property Owner's Con	sent to use cluster	form
City of Offawa Province					100 (	onstella	hon	- CMS	scont	OHawa Vo. (inc. area	<b>7</b> ,		Signature		Date (yyyy/mm/dd)
	Postal Cod	de	E-mail	Address		<del>(11,21,22,4-2</del>	-1		Telephone I	Vo. (inc. area	code)		-		
ON	K 2	G 6 J	18.						61/2	5   5   8	0 2 4 2	4			
Cluster Well Information													Consent to release add	ditional information	to the Director
Address of Well Location (Street Num	ber/Name, RR	1)	Lot	C	oncession	Township			County	//District/Mun	icipality		upon request	(01	15.)
Tweetsmus at Ca	rling/L	ichmo	md.								/		Signature of Technician/	Contractor	Date (yyyy/mm/dd)
City/Town/Village			stal Code	I G	SALWUN	Model	1	de of Oper	_	differentiated	Averaged				
Offawa	Onta	ario			DARMUNI	Elrex	Differ	entiated, s	specify:				Dune Su	un	12009/11/23
Well # UTM Coordinates			Hole Diameter	Method of	Casing Materia	Casing Length	Screen Inte	erval (metres)	Annular Space	Static Water	Abandonment		Comment	ts /	Date of Completion (yyyy/mm/dd)
on Sketch Zone Easting Northin	ng	Hole (metres)	(cm)	Construction		(metres)	From	То	Sealant Used	Level (metres)	Sealant Used				(yyyy/mm/dd)
B+ 09 118 4411 1719145101			20/10	4SA/DIA	Steel	3.5	3.5	5, 1	Benonite	2		Ric	hmond Rd.		2009/08/14
BH09.11819411.291550E	26966	4.1	20	HSA	H	4.5	4.5	4.1	Ιţ			Tw	hmond Rd. ecolsmuri at	larling	2009/08/14
						,									
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											
								A A A A A A A A A A A A A A A A A A A							
Well Contractor and Well Tec	hnician Inf	ormation				•		<b></b>	1				Date 1st Well in Cluster Con (yyyymm/dd) 2009/08/14		I /0 8 /17.
Business Name of Well Contractor  CLUTAL DOWN NO. E.  Postal Code   Busines  Name of Well Technician (First Name,	Chala D	Milling	Busi	ness Address (	Street Number/N	ame, RR)		Municipa	( ) ) '	$\overline{}$	Province		スの竹 の料 1円 Ministry Use Only		(/08/11.
Postal Code Busines	s Telephone N	lo. (inc. area d	ode)	Well Contractor	r's Licence No. Bu	siness E-mail	Address	1110		Kouge	<u> </u>		Date Received (yyyy/mm		cted (yyyy/mm/dd)
130V11B0 81	19/2/4	12/10/	4 69	1181	414 6	down ino	0 h	Jeno.	ias n	ed V					
Name of Well Technician (First Name,	Last Name)	<del></del>	. ,	Well Technician	4 4 6 n's Licence No. Da	te Submitted (y	yyy/mm/dd)	Signature	of Technician	<u>)                                    </u>			ces 16 <b>2010</b> Audit No. 06140	Remarks	ce)}
1991 (11/2006)				<i>→</i> I		009/11/2	5	12	me VI	<u>un</u>	_/		000740	110	1001
1991 (11/2000)	)					N.	/linistry's	Сору			1			© Queen's	Printer for Ontario, 2006





CHOS LOSSOWI CHRFD



42850W 



Ministry of the Environment A 074567

A 074567

# Cluster Well Information for Cluster Well Construction

Property Owner's Information					Consent
First Name 255 Richmond Road Holding Province Postal Code	E-mail Address	ailing Address (Street No./Nam 255 Richmon	Municipality  d Road  Telephone No. (inc.  (4 1 3	ac. area code)	Property Owner's Consent to use cluster form Signature Date (yyyy 'nm/dd)  AIOJ 17 2 80
Cluster Well Information  Address of Well Location (Street Number/Name, RR)  255 Richmond Road  City/Town/Village Province Ontario	Lot Concession Stal Code GPS Unit GARGM	Make Model Unit N	County/District  Mode of Operation Undifferentiated, specify:		Consent to release additional information to the Director upon request  Signature of Technician/Contractor  Date (yyyy/mm/dd)  Coo8/10/29
Well # UTM Coordinates Full Depth of no Sketch Zone Easting Northing Hole (metres)			n Interval (metres) Annular Space Static V n To Sealant Used Level (m		Comments Date of Completion (yyyy/mm/dd)
18 44 1 24 6 5 0 2 6 9 7 7 7 500	20/10 HSA/DIA P	VC 2.5 2.5	5 7.0 Bentonito		2008/10/17
Well Contractor and Well Technician Information Business Name of Well Contractor  Clongs Druning Estat Druling, Id.  Postal Code Business Telephone No. Inc. area of State Order (State Order)  Name of Well Technician (First Name, Last Name)	Well Technician's Licence	e No. Business E-mail Address	Signature of Technician	Province	Date 1st Well in Cluster Constructed (yyyydmydd) (yyydmydd) (yyydmydd) (yyydmydd) (yyyydmydd) (yyyydmydd) (yyyydmydd) (yyydmydd)



C-1844 mo2900 CO1995

NOV 2 4 2008

Ontario

Ministry of the Environment

# A 074626 (Print Well Tag No.) A 074626

### **Cluster Well Information for Cluster Well Construction**

												Page	· 0	)f
Property Owner's Information												Consent		
First Name	Last	Name			Add	ress (Street N	o./Name, I	RR)	Munic	ipality		Property Owner's Consent to	use cluster fo	rm
Canadian lire K	eall E	state	4.		2	180 Yor	rge S	F. P.O.	Box 770 Telephone	Station	n K Toronte			Date (yyyy/mm/dd)
Province	Postal Co	de	I E-mail	Address			0		Telephone	No. (inc. area			and the second	
	1114	P121	18			***************************************			<u>  4 1  </u>	6 5 4	46438			
Cluster Well Information												Consent to release additional upon request	information to	the Director
Address of Well Location (Street Number		ł)	Lot	Co	ncession 1	ownship			Count	y/District/Mun	icipality	Signature of Technician/Contrac	tor	Date (yyyy/mm/dd)
Patricia Uveni City/Town/Village	ue.		5-1-01-		2011-5111-		177.434					- 1	**,	
OHawa	Onta		tal Code		PS Unit Make N	/lodel	1	de of Oper entiated, s	-	differentiated	Averaged			0 -01 1
Criawa	Ont	urio.					Dillel	emated, s	pecity.			1 James Jan		2009/06/24
Well # UTM Coordinates on Sketch Zone Easting Northing		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Int From	erval (metres)   To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments		Date of Completion (yyyy/mm/dd)
mw oat		4.9	20	145A	PYC	3.4	3.4	4.9	Bentonite	3.31				acca/04/20
mw oat oat mws cars	1 1 1	4.9				2.5	2.5	4.9		3.26			,	2009/04/21
wm +		4.6				26	2.6	4.6		2.69				7
100 m							~. 4	· · · Z		1				2009/04/21
G-7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	5.5				2.5	2.5	5.5		3. 15				2009/04/22
roll		5.5				2.5	2.5	5.5		2.54				2009/04/22
mun		4.9				1.9	1.9	4.9		2.62				2001/01/22
or muy		4.6	7	70	10	1.6	11		*	2.33				•
540		7.6	Y	- Y	7	1.6	1.6	4.6	4	α.ο <u>)</u>				2009/04/22
	<u> </u>													
Well Contractor and Well Techr	alolan In'	formetion				<u> </u>			<u> </u>			Date 1st Well in Cluster Constructed		
Business Name of Well Contractor	noian nii	ioi manon	Busi	ness Address (S	treet Number/Na	ame, RR)		Municipa	lity		Province	- 2009/04/20	(yyyy/mm/dd) SOCQ/C	24/22
George Dowling Esta Postal Code Business T	N. ote	illing L	Jel. H	In Dun G	Fin Fin coll s Licence No. Bus	00 (300)	nville	5.00	La Ro	000	OC.	Ministry Use Only		
Postal Code Business T	elephone N	lo. (inc. area co	ode)	Well Contractor	s Licence No. Bu	siness E-mail	Address			U		Date Acceived (1977) (1978)	Date Inspects	ed (yyyy/mm/dd)
Name of Well Technician (First Name, Las	7/2/4	12/6/1	4/6/9	) 181	H H C	townin	geh	ewk.	195. na	<u> </u>			Name and the	
				Well Technician	- ( -			Signature	(of Technician		^	Audit No. c 05190	Remarks	/ W W/1
	ξ		4 <del></del>	121	1 3 6	3009/06	124	1/2	me De	<u> </u>	<del></del>	COSTSO		<u>-17107_</u>
1991 (11/2006)	/					***	Ministry's	з Сору					© Queen's Prin	nter for Ontario, 2006

#### Ministry of the Environment Well Tag No. for Master Well (Place Sticker and/or Print Below) Master Well Record for 11 M.W. abandonments Cluster Well Construction Regulation 903 Ontario Water Resources Act Tag # A 032177 Page Master Well Owner's and Land Owner's Information E-mail Address n Tiv kla et Number/Name, RR) al S/1111 anadian ing Address (Street 15th Floo Joeonto MI41P12N CN Lot Location and Construction of the Master Well in the Cluster Address of Well Location (Street Number/Name, RR) 109 Richmond Rodd City/Town/Village Province OHawa Make Ontario UTM Coordinates | Zone | Easting | NAD | 8 | 3 | | | | 8 | 4 | 4 | 1 | 7 | 5 | 2 | 5 0 | 2 | 7 | 2 | 8 | 2 | Mode of Operation: Undifferentiated Averaged Girmin Differentiated, specify Overburden and Bedrock Materials (see instructions on the back of this form) **Hole Details** Other Most Common Depth (Metres Depth (Metres) Colour Material Description From (Centimetres) 11 Montoring Well abandonments Remove casing + screency backfill bouchole with bentonite to surface as per MOE Reg 903. Water Use Industrial ☐ Not used Public Other, specify Commercial Dewatering Domestic ☐ Monitoring Livestock Municipal Irrigation Test Hole Cooling & Air Conditioning Method of Construction Air Percussion Cable Tool Rotary (Conventional) Diamond Other, specify Rotary (Reverse) Jetting Rotary (Air) ☐ Driving Status of Well Test Hole Abandoned, Insufficient Supply Abandoned, Poor Water Quality Replacement Well Dewatering Well Other, specify Alteration (Construction) Abandoned, other, specify Now found Wells No Casing and Screen Used Static Water Level Test Construction Details Screen Depth (Metres) Galvanized Fibreglass Concrete (steel, plastic, fibreglass, concrete, galvanized) Water Details Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Annular Space/Abandonment Sealing Record Water found at Depth Kind of Water Depth Set at (Metres) Type of Sealant Used (Material and Type) Volume Used Metres Gas Fresh Salty Sulphur (Cubic Metres) Minerals Disinfected Yes Wo If no, provide reason: Date Master Weil Longitude no d 0 4.7 .40 K45 2008/10/01 Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.) Please indicate Number of Cluster Well Total Wells in Cluster Information Log Sheets Submitted Total Wells on this Property UNKNOWN Location of Well Cluster Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed. Check box to confirm detailed map is provided as per Section 11.1 (3) Consent to release additional information concerning the cluster to the Director upon request Date (yyyy/mm/dd) 2008/10/21

Well Contractor and Well Technician Information

Business Name of Well Contractor

George Downing Estate Drilling | 1 8 4 4

Business Address (Street No. Heme, number, RR) | Municipality

4/0 Rue Principale Grenville-Sur-la-Rouge

Province | Postal Code | Business E-mail Address

Grenville-Sur-la-Rouge

Business E-mail Address

G

Date DE God 3/18/12008

Date of Inspection (yyyy/mm/dd)

Date (yyyy/mm/dd)

Master Well Owner's/Land Owner's consept to use Cluster Form

Ministry Use Only

Remarks

Ministry's Copy

# Ontario Ministry of the Environment

Well Tag No. for Master Well (Place Sticker and/or Print Below)

Master Well Record for

A 074626 MW 09-03 Cluster Well Construction Regulation 903 Ontario Water Resources Act

Master VI First Name		er's and	_and Owner's li	nformation ast Name	1 1				ail Ad	dress	Pag	ge
Mailing Add		et Numbe	1re Klau Mame, RR)	$\alpha \sim 1$	t e lunicipality	d		Provi	nce	Postal Code	, ,	none No. (inc. area code)
2/80 Location		nge estrectio	ムナ、ア.O. n of the Master		<u>lO</u> S/r Cluster	J.K.	lorc	nto_	ON	M41P12	<u> VI814111</u>	<u>615 44 64 38</u>
Address of	Well Loca	tion (Stree	t Number/Name, F	R)	Town	ship			*	Lot	Conce	ession
County/Dis	trict/Munic		WXIIIL		1 .	Town/Villag	-			water and the same	Province	Postal Code
UTM Coord	linates Zi	one Easti			GPS U	Hau nit Make	Model Model		Mode of C	peration:	Ontario Undifferentia	ted FAveraged
	83   urden an	以州リ d Bedroci		12727	905A0	MiN cof this fo	1	le L	Differer	ntiated, specify	Details	
General Colour	Most C	ommon erial	Other Materials	G	eneral scription		(Metres)	Depth From	( <i>Metres</i> )		Dia	meter imetres)
Brain	Sar	d	Cobbles +			0	35	0	5.6	20	(00)	
Brey	Jar	du O	loy, son			3.5	3.7					
Grey	Bou	lder	3			3.7	43					
Grey	211	40	ay, Line	. to med	Sand	4.3	56					
		1		হoff,	loose						er Use	
				Wet	41.00			☐ Public☐ Dome☐ Livest	stic 🔲 C	ommercial 🔲	Not used Dewatering Monitoring	Other, specify
		~~~						☐ Imgati			Cooling & Air	Conditioning
		v.v.,		***************************************				☐ Cable	Tool	Method of ☐ Air Pe	Construction   cussion	in ] Digging
									/ (Conventior / (Reverse)	nal) Diamo		Boring   Other, <i>specify</i>
					***************************************			Rotary	(Air)	☐ Driving	****	<u> HSA</u>
								☐ Test H			s <b>of Well</b> oned, Insufficie	ent Supply
1	***************************************								cement Well ering Well	☐ Aband ☐ Other,	oned, Poor Wa specify	iter Quality
						W. C.				ction) [] Aband	oned, other, sp	эесйу
2		-						Open Hote	9	creen Used	Static	Water Level Test Metres
Inside Dian	neter		Construction Material	Details	Wall	Depth (	Metres)		Yes 🛂		reen	WEGGS
(Centimeti		el, plastic, VC	fibreglass, concret	g, galvanized)	Thickness Sched	_	To :	Gatvar Outside D	igmeter (Ce	A	Slot No.	oncrete Plastic
2.1		<u>.V.</u>			40		2.6	<u></u>	<u> 5,8</u>		<u> </u>	>
			***************************************						und at Dept		f Water	
								-lamanori-	Metres [ und at Dept		sh Salty f Water	Sulphur Minerals
Depth Set a	t (Metros)	Annular	Space/Abandoni		Record	17-1		Water for	Metres [		sh Salty f Water	Sulphur Minerals
From	To		Type of Seala (Material and				Metres)		Metres	}		Sulphur Minerals
0.2	2.6	Ber	Jonete_			44	Kgs		1			ate Master Well Completed yyy/mm/dd)
								ć	nito		300 Sec. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2009/04/21 ditional Cluster Well
								Informat		I Construction	for each par	cel of land and cluster.)  Ite Number of Cluster Well
///			Applif April 18 h						Ils on this P			og Sheets Submitted
									ikne	un		
												r no larger than legal size
		<i></i>										as per Section 11.1 (3)
								the Direct	tor upon re	quest		erning the cluster to
		fell Contr	actor and Well T	echnician In	formation			Signature	of Technici	an/Contractor		ate (yyy/mm/dd)
Business Na		l Contracto	Calif	\ \\ \\ \\ \\		tractor's Lice	ence No.	Master W Signature	ell Owner's	/Land Owner		use Cluster Form
1111 /	. 41-	etr.	ne, number, RR/n	DUTUIS I	unicipality	0 14 D-	17	<u></u>			1	2009/07/24
410 (4. Province	lle Pr	i (U) Postal Code	Business E	en VII La -mail Address	د کارد،	La i	touge	Audit No.	^/	050000000000000000000000000000000000000	Use Only Well Contracto	r No.
Bus. Telephor	ne No. (inc	JOV I	BO DU	)hùng@ nician (Last N	hauk ame, First N		not	100000000000000000000000000000000000000		1483		
81192	1426	469	Downi	7.1	Date Sut	,		Date Rece	3 4/2	109	- one or mayor	tion (yyyy/mm/dd)
211	17 1	3	tore of Technician	Leen in	Date Sub 2009	mitted (1939 1 06/	y/mm/dd) 24	Remarks				
1992 (11/2006)	)				>			s Copy			© Qu	een's Printer for Ontano, 2006

From:

To:

Sent:

Friday, May 30, 2008 12:22 PM GPS coordinates - 109 Richmond Road Subject:

Hi 📰

Here are the GPS coordinates for the monitoring wells installed at 109 Richmond Rd.

Monitoring well ID	Easting	Northing	Accuracy (+/-)m
MW 101	441748	5027285	6
MW102	441751	5027286	5
MW103	441757	5027271	5
MW104	441726	5027282	6
MW105	441731	5027276	6
MW106	441736	5027265	6
MW107	441737	5027258	5
MW108	441751	5027263	5
MW109	441746	5027276	5
MW110	441728	5027293	8
MW111	441751	5027269	5
MW112	441742	5027285	5

I hope this helps out, let me know if there is anything else I can provide you with, have a good weekend,

Regards,

No virus found in this incoming message.

Checked by AVG.

Version: 7.5.524 / Virus Database: 269.24.4/1474 - Release Date: 5/30/2008 7:44 AM

5/30/2008

M 00593 JUN 12 2008 C-6964

Project: 646, Ottawa, Ontario

Client: Canadian Tire Real Estate

File: p:\576\field results\borehole logs

Driller: OGS Equipment: CME75 Monitor Number: MW112 Ground Elevation (m): 101.00

Top of Monitor (m): 100.910 Datum; NAD 83, Zone 18

UTM (m): 441742 E, 5027285 N

Borehole Log: 112

Field Observer: DH + LM Field Instrument: CGI + PID

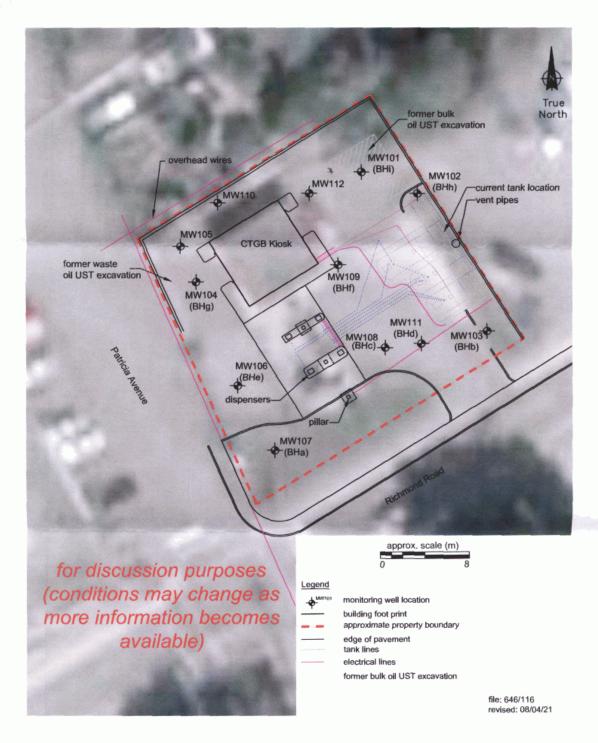
Date: 08-04-17

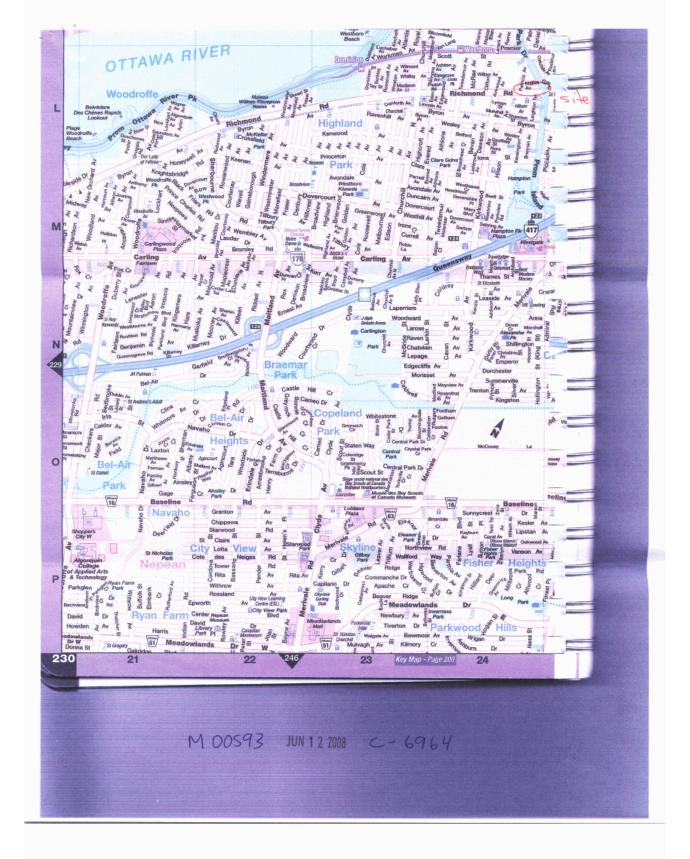
		SUP	SURFACE PROFILE					
Mon. Data	Depth	Lithology	Description	Sample #	Type	% Recovery	CGI Vapours (ppm)	Remarks
	ft m		Ground Surface					
	1-		Asphalt Sandy Gravel occassional cobble					soil outtings contained for off-site disposal MOE water well tag A032177
	3 1 4 5			S01	Į	60	75 / NR	
	6-			S02	$\prod_{i}$	50	70 / NR	
	9-			S03		50	65 / NR	
	11-			S04		50	75 / NR	
1 7 1 2 7 1 7 1 1 1 1	13-4	拙			Y			
1	14-							
	15- 16- 17-							
	18- 19- 20-							
-	21- 22- 23-7							Well Construction Details: - flushmount flnish - 50mm schedule 40 PVC riser & screen



This borehole log should not be separated from the accompanying report.







#### Ministry of the Environment Well Tag No. for Master Well (Place Sticker and/or Print Below) Master Well Record for 11 M.W. abandonments Cluster Well Construction Regulation 903 Ontario Water Resources Act Tag # A 032177 Page Master Well Owner's and Land Owner's Information E-mail Address n Tiv kla et Number/Name, RR) al S/1111 anadian ing Address (Street 15th Floo Joeonto MI41P12N CN Lot Location and Construction of the Master Well in the Cluster Address of Well Location (Street Number/Name, RR) 109 Richmond Rodd City/Town/Village Province OHawa Make Ontario UTM Coordinates | Zone | Easting | NAD | 8 | 3 | | | | 8 | 4 | 4 | 1 | 7 | 5 | 2 | 5 0 | 2 | 7 | 2 | 8 | 2 | Mode of Operation: Undifferentiated Averaged Girmin Differentiated, specify Overburden and Bedrock Materials (see instructions on the back of this form) **Hole Details** Other Most Common Depth (Metres Depth (Metres) Colour Material Description From (Centimetres) 11 Montoring Well abandonments Remove casing + screency backfill bouchole with bentonite to surface as per MOE Reg 903. Water Use Industrial ☐ Not used Public Other, specify Commercial Dewatering Domestic ☐ Monitoring Livestock Municipal Irrigation Test Hole Cooling & Air Conditioning Method of Construction Air Percussion Cable Tool Rotary (Conventional) Diamond Other, specify Rotary (Reverse) Jetting Rotary (Air) ☐ Driving Status of Well Test Hole Abandoned, Insufficient Supply Abandoned, Poor Water Quality Replacement Well Dewatering Well Other, specify Alteration (Construction) Abandoned, other, specify Now found Wells No Casing and Screen Used Static Water Level Test Construction Details Screen Depth (Metres) Galvanized Fibreglass Concrete (steel, plastic, fibreglass, concrete, galvanized) Water Details Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Annular Space/Abandonment Sealing Record Water found at Depth Kind of Water Depth Set at (Metres) Type of Sealant Used (Material and Type) Volume Used Metres Gas Fresh Salty Sulphur (Cubic Metres) Minerals Disinfected Yes Wo If no, provide reason: Date Master Weil Longitude no d 0 4.7 .40 K45 2008/10/01 Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.) Please indicate Number of Cluster Well Total Wells in Cluster Information Log Sheets Submitted Total Wells on this Property UNKNOWN Location of Well Cluster Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed. Check box to confirm detailed map is provided as per Section 11.1 (3) Consent to release additional information concerning the cluster to the Director upon request Date (yyyy/mm/dd) 2008/10/21

Well Contractor and Well Technician Information

Business Name of Well Contractor

George Downing Estate Drilling | 1 8 4 4

Business Address (Street No. Heme, number, RR) | Municipality

4/0 Rue Principale Grenville-Sur-la-Rouge

Province | Postal Code | Business E-mail Address

Grenville-Sur-la-Rouge

Business E-mail Address

G

Date DE God 3/18/12008

Date of Inspection (yyyy/mm/dd)

Date (yyyy/mm/dd)

Master Well Owner's/Land Owner's consept to use Cluster Form

Ministry Use Only

Remarks

Ministry's Copy

# Ontario Ministry of the Environment

# Well A 074567

er and/or Print Below)

### Master Well Record for Cluster Well Construction

Regulation 903 Ontario Water Resources Act
MUF 3 Page of 2 A074567 Master Well Owner's and Land Owner's Information E-mail Address 255 Rich mond Road Holdings illing Address (Street Number/Name, RR) Municipality 255 Richmond Road Ottau Telephone No. (inc. area code) ON 611311111 Ottawa Location and Construction of the Master Well in the Cluster Address of Well-Location (Street Number/Name, RR) Township 255 lechmond Road City/Town/Village Province Postal Code GPS Unit Make Model Ontario UTM Coordinates Zone , Easting Mode of Operation: Undifferentiated NAD | 8 | 3 | 1 | 8 | 4 | 4 | 1 | 2 | 5 | 7 | 5 | 0 | 2 | 6 | 9 | 7 | 2 Differentiated, specify **Hole Details** Overburden and Bedrock Materials (see instructions on the back of this form) Depth (Metres, (Centimetres) 4.57 20 2.3 0 Land grave dry blown 2.3 4.5 Boulders + Cobbles 4.57 10 Bienen Bedrock limestone 4.5 7.5 Water Use Industrial ☐ Not used Other, specify Public ☐ Commercial ☐ Dewatering
☐ Monitoring Domestic Livestock Municipal ☐ Test Hole ☐ Cooling & Air Conditioning Irrigation Method of Construction Air Percussion
Diamond Cable Tool Boring Rotary (Conventional) Other, specify Rotary (Reverse) Jetting Rotary (Air) Driving Status of Well Test Hole Abandoned, Insufficient Supply Abandoned, Poor Water Quality Replacement Well Other, specify Dewatering Well Alteration (Construction) Abandoned, other, specify No Casing and Screen Used Static Water Level Test Construction Details Depth (Metres L Plastic Fibreglass Concrete (steel, plastic, fibreglass, concrete, galvanized) From Slot No. 0 50 5.1 PVC Water Details Water found at Depth Kind of Water Fresh Salty Sulphur Minerals Metres Gas Kind of Water Water found at Depth Metres Gas Fresh Salty Sulphur Minerals Annular Space/Abandonment Sealing Record Water found at Depth Kind of Water Depth Set at (Metres) Type of Sealant Used (Material and Type) Volume Used (Cubic Metres) Metres Gas Fresh Salty Sulphur Minerals Disinfected Yes No If no, provide reason: Date Master Well Completed 0.3 40 Kgs 0 (yyyy/mm/dd) 4.8 5. 0 Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.) Please indicate Number of Cluster Well Information Log Sheets Submitted Total Wells on this Property unknown **Location of Well Cluster** Detailed Map must be provided as an attachment no larger than legal size (8.5" x 44"). Sketches are not allowed. Check box to confirm detailed map is provided as per Section 11.1 (3) Consent to release additional information concerning the cluster to the Director upon request Date (yyyy/mm/dd) 2008/10/29 Well Contractor and Well Technician Information Maşter Well Owner's/Lyand Owner's consent to use Cluster Form NOJ 17 2008 George Downing State Drilling LAD Business Address (Street NorMame, number, RR) Municipal Munici Signature 410 Rue Principale Grenville sur-la Rouge
Province Postal Code Business E-mail Address Ministry Use Only Audit No. M 02900 Jov) Bo downing @ Xplornet.com Date Received (yyyy/mm/dd) Date of Inspection (yyyy/mm/dd) 8 119 24 26469 Downing Bruce
Well Technician's Licence No. Signature of Technician Date Submitted (yyyy/mm/dd) NOV 2 4 2008 2008/16/29 © Queen's Printer for Ontario, 2006

Ministry's Copy

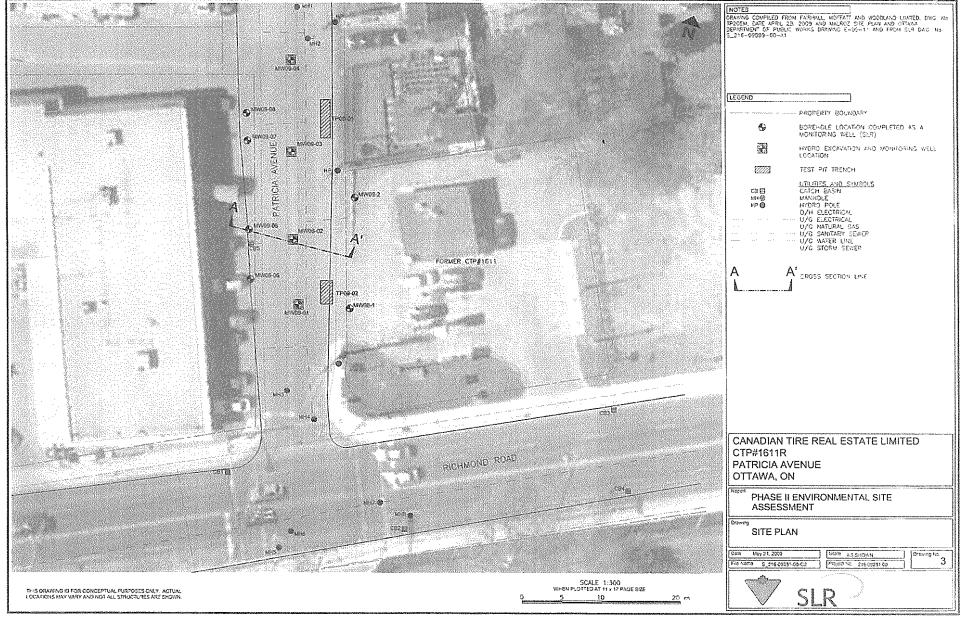
# Ontario Ministry of the Environment

Well Tag No. for Master Well (Place Sticker and/or Print Below)

Master Well Record for

A 074626 MW 09-03 Cluster Well Construction Regulation 903 Ontario Water Resources Act

Master VI First Name		er's and	_and Owner's li	nformation ast Name	1 1				ail Ad	dress	Pag	ge
Mailing Add		et Numbe	1re Klau Mame, RR)	$\alpha \sim 1$	t e lunicipality	d		Provi	nce	Postal Code	, ,	none No. (inc. area code)
2/80 Location		nge estrectio	ムナ、ア.O. n of the Master		<u>10 Str</u> Cluster	J.K.	lorc	nto_	ON	M41P12	<u> VI814111</u>	<u>615 44 64 38</u>
Address of	Well Loca	tion (Stree	t Number/Name, F	R)	Town	ship			*	Lot	Conce	ession
County/Dis	trict/Munic		WXIIIL		1 .	Town/Villag	-			water and the same	Province	Postal Code
UTM Coord	linates Zi	one Easti			GPS U	Hau nit Make	Model Model		Mode of C	peration:	Ontario Undifferentia	ted FAveraged
	83   urden an	以州リ d Bedroci		12727	905A0	MiN cof this fo	1	le L	Differer	ntiated, specify	Details	
General Colour	Most C	ommon erial	Other Materials	G	eneral scription		(Metres)	Depth From	( <i>Metres</i> )		Dia	meter imetres)
Brain	Sar	d	Cobbles +			0	35	0	5.6	20	(00)	
Brey	Jar	du O	loy, son			3.5	3.7					
Grey	Bou	lder	3			3.7	43					
Grey	211	40	ay, Line	. to med	Sand	4.3	56					
		1		হoff,	loose						er Use	
				Wet	41.00			☐ Public☐ Dome☐ Livest	stic 🔲 C	ommercial 🔲	Not used Dewatering Monitoring	Other, specify
		~~~						☐ Imgati			Cooling & Air	Conditioning
		v.v.,		***************************************				☐ Cable	Tool	Method of ☐ Air Pe	Construction   cussion	in ] Digging
									/ (Conventior / (Reverse)	nal) Diamo		Boring   Other, <i>specify</i>
					***************************************			Rotary	(Air)	☐ Driving	****	<u> HSA</u>
								☐ Test H			s <b>of Well</b> oned, Insufficie	ent Supply
1	***************************************								cement Well ering Well	☐ Aband ☐ Other,	oned, Poor Wa specify	iter Quality
						W. C.				ction) [] Aband	oned, other, sp	эесйу
2		-						Open Hote	9	creen Used	Static	Water Level Test Metres
Inside Dian	neter		Construction Material	Details	Wall	Depth (	Metres)		Yes 🛂		reen	WEGGS
(Centimeti		el, plastic, VC	fibreglass, concret	g, galvanized)	Thickness Sched	_	To :	Gatvar Outside D	igmeter (Ce	A	Slot No.	oncrete Plastic
2.1		<u>.V.</u>			40		2.6	<u></u>	<u> 5,8</u>		<u> </u>	>
			***************************************						und at Dept		f Water	
								-lamanori-	Metres [ und at Dept		sh Salty f Water	Sulphur Minerals
Depth Set a	t (Metros)	Annular	Space/Abandoni		Record	17-1		Water for	Metres [		sh Salty f Water	Sulphur Minerals
From	To		Type of Seala (Material and				Metres)		Metres	}		Sulphur Minerals
0.2	2.6	Ber	Jonete_			44	Kgs		1			ate Master Well Completed yyy/mm/dd)
								ć	nito		300 Sec. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2009/04/21 ditional Cluster Well
								Informat		I Construction	for each par	cel of land and cluster.)  Ite Number of Cluster Well
///			Applif April 18 h						Ils on this P			og Sheets Submitted
									ikne	un		
												r no larger than legal size
		<i></i>										as per Section 11.1 (3)
								the Direct	tor upon re	quest		erning the cluster to
		fell Contr	actor and Well T	echnician In	formation			Signature	of Technici	an/Contractor		ate (yyy/mm/dd)
Business Na		l Contracto	Calif	\ \\ \\ \\ \\		tractor's Lice	ence No.	Master W Signature	ell Owner's	/Land Owner		use Cluster Form
1111 /	. 41-	etr.	ne, number, RR/n	DUTUIS I	unicipality	0 14 D-	17	<u></u>			1	2009/07/24
410 (4. Province	lle Pr	i (U) Postal Code	Business E	en VII La -mail Address	د کارد،	La i	touge	Audit No.	^/	050000000000000000000000000000000000000	Use Only Well Contracto	r No.
Bus. Telephor	ne No. (inc	JOV I	BO DU	)hùng@ nician (Last N	hauk ame, First N		not	100000000000000000000000000000000000000		1483		
81192	1426	469	Downi	7.1	Date Sut	,		Date Rece	3 4/2	109	- one or mayor	tion (yyyy/mm/dd)
211	17 1	3	tore of Technician	Leen in	Date Sub 2009	mitted (1939 1 06/	y/mm/dd) 24	Remarks				
1992 (11/2006)	)				>			s Copy			© Qu	een's Printer for Ontano, 2006





# Sticker and/or Print Below) A 074622

# **Master Well Record for** Cluster Well Construction Regulation 903 Ontario Water Resources Act

© Queen's Printer for Ontario, 2006

			<u> </u>			r) HU	01.	_}	Page of
Master W	/ell Owner's an	d Land Owner's Info	ormation						<u> </u>
First Name	0.00	Las	st Name				E-mail Add	dress	
LIfy	of Offai	ua_							
Mailing Add	iress (Street Num	ber/Name, RR)	Municipality	,		Provir	nce	Postal Code	Telephone No. (inc. area code)
100 (	Constella	tion Lresco	ent Off	awa		0	N	KIZIGI6IT	181
Location	and Construct	ion of the Master W	ell in the Cluster						
Address of	Well Location (St	eet Number/Name, RR	), Tov	vnship				Lot	Concession
111)00	dsmuis	at Class S	<i>i</i> .						
	trict/Municipality	V	City	//Town/Villag	e			Pi	rovince Postal Code
				Office	a			0	Ontario
UTM Coord	inates Zone Ea	sting Northin		Unit Make	Model		Mode of O	peration: Ur	ndifferentiated VAveraged
NAD	8131111814	41151317151012	H61312191 GM	N'rw(	Sh	CeX.	Differen	tiated, specify	
<del></del>		ock Materials (see ins	and the second s	A RESIDENCE OF THE PROPERTY OF				Hole De	etails
General	Most Common		General		(Metres)	Depth	(Metres)		Diameter
Colour	Material	Materials	Description	From	То	From	То		(Centimetres)
Λ	h 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10			5.4		11.5	^ ·	
USD	nalanc	Concrete		0	0.1	0_	4.5	20	
Grey	Granno	base crust	hed Stone	0.2	0.4	4.5	le.0	10	
Oley	- Januara	Lame vano	1			1-42	14,0		
Drown	1711 July 20	ind Allt	compact, m	as 0:4	1.4				
(	!!</td <td></td> <td></td> <td>1.4</td> <td>4,4</td> <td></td> <td></td> <td></td> <td></td>			1.4	4,4				
Drey	Trim a	my yenry Str	ff, moist	1.7	4.7	L			
Been	ROALDON	anestone		4.4	6.0	2500000		Water	Use
Sieg	1-add to cit	arine sivica		- / / -	4.0	Public	□ In	dustrial No	
						☐ Domes			watering
						Livesto			onitoring
					-	Irrigation	on 🔲 Te	est Hole 🔲 Co	oling & Air Conditioning
						3500000		Method of Co	nstruction
						☐ Cable	Tool	Air Percus	ssion Digging
							(Convention	nal) 🔲 Diamond	☐ Boring
						1 —	(Reverse)	Jetting	Other, specify
						Rotary	(Air)	☐ Driving	***************************************
						8288888	900000000000000000000000000000000000000	Status o	f Well
						☐ Test H	lole	Abandone	ed, Insufficient Supply
						11 -	cement Well		d, Poor Water Quality
100						☐ Dewate	ering Well	Other, spe	ecify
					_	I Altoros	tion (Constan		od othor coocifu
		1		I		II LI Allera	uon (Consuu	ction) 🗌 Abandone	sa, other, specify
		Mariana Maria				No Cas	ing and So	ction) [] Abandone	Static Water Level Test
To an analysis of the second s							ing and So	creen Used	
		Construction D				No Cas	ing and So	creen Used	Static Water Level Test  Metres
Inside Dian		Material	Wall		Metres)	No Cas Open Hole	sing and So e Yes [] N	oreen Used	Static Water Level Test  Metres
Inside Dian	res) (steel, plas		(Wall galvanized) Thickne	ss From	То	No Cas Open Hole	sing and So e ] Yes	creen Used	Static Water Level Test  Metres en ss Concrete Plastic
		Material	Wall	ss From		No Cas Open Hole	sing and So e Yes N nized S iameter (Ce	creen Used	Static Water Level Test  Metres
	res) (steel, plas	Material	Wall galvanized) Thickne ടല്മ	ss From	То	No Cas Open Hole	sing and So e ] Yes	Screen Used Screen Screen Steel Fibregla ntimetres) Slo	Static Water Level Test
	res) (steel, plas	Material	Wall galvanized) Thickne ടല്മ	ss From	То	No Cas Open Hole	sing and So	creen Used  Scree Steel   Fibregla ntimetres)   Slo	Static Water Level Test  Metres en ss Concrete Plastic ot No.
	res) (steel, plas	Material	Wall galvanized) Thickne ടല്മ	ss From	То	No Cas Open Hole Galvar Outside D Water for	sing and So	creen Used  Scree Steel Fibregla ntimetres) Slo  Water Detai h Kind of W	Static Water Level Test  Metres en ss Concrete Plastic ot No.
	res) (steel, plas	Material	Wall galvanized) Thickne ടല്മ	ss From	То	No Cas Open Hole Galvar Outside D	ing and So	screen Used Screen Steel   Fibregla Intimetres)   Slo Water Detai h   Kind of W	Static Water Level Test  Metres sen ss Concrete Plastic of No.  IS //ater // Salty Sulphur Minerals
	res) (steel, plas	Material	Wall galvanized) Thickne ടല്മ	ss From	То	No Cas Open Hole Galvar Outside D Water fou	yes No	creen Used  Scree Steel   Fibregla intimetres)   Slo  Water Detai h   Kind of W   Gas   Fresh h   Kind of W	Static Water Level Test  Metres  Sen Sen Sen Sen Sen Sel
(Centimet	res) (steel, plas PVC Annu	Material tic, fibreglass, concrete,	Wali Thickner Sehe Ho	SS From	то 4.5	No Cas Open Hole Galvar Outside D Water for	yes hized Separated Separa	reen Used  Scree Steel   Fibregla Intimetres)   Slo  Water Detai h   Kind of W   Gas   Fresh h   Kind of W   Gas   Fresh	Static Water Level Test  Metres  Sen Sen Sen Sel
(Centimet	(steel, plas  PVC  Annu  It (Metres)	Material tic, fibreglass, concrete, display="2"> fibreglass, concrete, display="2" display	Mali Thickner Seha ( 4 o	SS From O	To 4.5	No Cass Open Hole Galvar Outside D  Water fou	ing and So	vater Detain h Kind of W Gas Fresh h Kind of W	Static Water Level Test  Metres sen ss
(Centimet	(Steel, plas  PVC  Annu  It (Metres)  To	Material tic, fibreglass, concrete,	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water fou	ing and So	Screen Used  Screen Gleel   Fibreglantimetres)   Slower Detain h   Kind of W   Gas   Fresh h   Kind of W   Gas   Fresh h   Kind of W   Gas   Kind of W   Gas   Fresh h   Kind of W   Gas   Kind of W	Static Water Level Test  Metres sen ss Concrete Plastic bit No. ls //ater Salty Sulphur Minerals //ater Salty Sulphur Minerals //ater Salty Sulphur Minerals //ater Salty Sulphur Minerals //ater
(Centimet	(steel, plas  PVC  Annu  It (Metres)  To	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cass Open Hole Galvar Outside D  Water fou	ing and So a yes a	vater Detain h Kind of W Gas Fresh h Kind of W	Static Water Level Test    Metres   ss   Concrete   Plastic   ot No.
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, display="2"> fibreglass, concrete, display="2" display	Mali Thickner Seha ( 4 o	SS From O	To 14, 5	No Cass Open Holo Galvar Galvar Outside D Water fou Water fou Uniform Disinfected	Yes N	water Detain Kind of W Gas Fresh	Static Water Level Test    Metres
(Centimet	(steel, plas  PVC  Annu  It (Metres)  To	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water fou	Yes N	reen Used  Scree Steel   Fibregla Intimetres)   Slo  Water Detai h   Kind of W   Gas   Fresh h   Kind of W   Gas   Fresh h   Kind of W	Static Water Level Test    Metres   ss   Concrete   Plastic   ot No.
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cass Open Hole Galvar Outside D Water for Water for Disinfected Man	ing and So and S	reen Used  Scree Steel   Fibregla ntlimetres)   Slo  Water Detail h   Kind of W   Gas   Fresh h   Kind of W   Gas   Fresh h   Kind of W   Gas   Fresh	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water for Water for Disinfected Cluster I	ing and So and S	water Detain Mind of W. Gas Fresh M. Kind of W. Gas Fr	Static Water Level Test
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water for Water for Disinfected Cluster I	ing and So and S	water Detain Mind of Water Det	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Holo Open Holo Galvar Outside D Water fou Water fou Usinfected Cluster I	Yes Name of the state of the st	Water Detain h Kind of W Gas Fresh Kind of Kin	Static Water Level Test
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water for Water for Disinfected Min Cluster I Informat Total We Total We	ing and So and S	water Detail h Kind of W Gas Fresh l Fresh l Fresh l Fresh	Static Water Level Test
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water for Water for Disinfected Min Cluster I Informat Total We Total We	Yes Name of the state of the st	water Detail h Kind of W Gas Fresh l Fresh l Fresh l Fresh	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Hole Galvar Outside D Water for Water for Disinfected Total We Total We	ing and So ing and At Dept Metres Ing and At Dept Metres Information for Wellis in Gluste Ills on this P	water Detain h Kind of W Gas Fresh h Kind of	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Holo Open Holo Galvar Outside D Water fou Water fou Usinfected Cluster I Informat Total We Detailed,h (8.5" 144	yes Siameter (Ce	Water Detain h Kind of W Gas Fresh Kind of W G	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas Open Holo Open Holo Galvar Outside D Water fou Water fou Usinfected Cluster I Informat Total We Detailed,h (8.5" 144	yes Siameter (Ce	Water Detain h Kind of W Gas Fresh Kind of W G	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas   Open Hole   Galvar   Outside D   Water for   Water for   Usinfected   Us	yes Siameter (Ce	water Detail h Kind of W Gas Fresh h Kind of W Construction for Fresh location of W Locati	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas   Open Hole   Galvar   Galvar   Outside D   Water for   Water for   Water for   Total We   Total We   Total We   Cluster I   Informat   Informat	ing and So ing and At Dept Metres Ing and At Dept Metres Information for Wellis in Cluste Ills on this P Ing and So ing a	Water Detail h Kind of W Gas Fresh Gas Fresh h Kind of W Gas Fresh Gas Fresh h Kind of W Gas Fresh Gas Fresh Gas Fresh h Kind of W	Static Water Level Test    Metres
(Centimete 5 1)  Depth Set a From 0	(steel, plas PVC Annu It (Metres) To D. 8 Bu	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	Mali Thickner Seha ( 4 o	Volum (Cubic	To 14, 5	No Cas   Open Hole   Galvar   Galvar   Outside D   Water for   Water for   Water for   Total We   Total We   Total We   Cluster I   Informat   Informat	ing and So ing and At Dept Metres Ing and At Dept Metres Information for Wellis in Cluste Ills on this P Ing and So ing a	water Detail h Kind of W Gas Fresh h Kind of W Construction for Fresh location of W Locati	Static Water Level Test    Metres
Depth Set a From 0 3.5	res) (steel, plas PVC  Annu it (Metres) To D. 8 Sur H, 3	Material fic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	ent Sealing Record Used (pe)	Volume (Cubic 50 )	Used Metres)	No Cas   Open Holo   Galvar   Galvar   Outside D   Water for   Water for   Water for   Usinfected   Cluster I   Informat     Total We   Case   Case	ing and So ing and At Dept Metres Ing and At Dept Metres Information for Wel ills in Cluste Ills on this P N C Map must be box to conflict to release a tor upon reof Technician.	Water Detail h Kind of W Gas Fresh j No If no, provide	Static Water Level Test    Metres
Depth Set a From 0 3.5	res) (steel, plas PVC  Annu it (Metres) To D. 8 Bur	Material fic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty	ent Sealing Record Used (pe)	Volume (Cubic 50)	Used Metres)	No Cas Open Hole Galvar Outside D Water for Water for Usinfecter Man Cluster I Informat Total We Total We Consent I (8.5" 14 Consent I Signature Master W	ining and Science in a manufacture in a	Water Detail h Kind of W Gas Fresh j No If no, provide	Static Water Level Test    Metres
Depth Set a From 0 3.5	(steel, plas PVC Annu It (Metres) To D. 8 Bl.r H,3	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty  Linutle  intractor and Well Tector  Charter Type  Charter Type  Charter Type  Material And Type  A Charter Type  Material And Type  Material	ent Sealing Record Used (pe)	Volume (Cubic 50 )	Used Metres)	No Cas   Open Holo   Galvar   Galvar   Outside D   Water for   Water for   Water for   Usinfected   Cluster I   Informat     Total We   Case   Case	ining and Science in a manufacture in a	Water Detail h Kind of W Gas Fresh j No If no, provide	Static Water Level Test    Metres
Depth Set a From 0 3.5	(steel, plas PVC Annu It (Metres) To D. 8 Bl.r H,3	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty Lonite  Intractor and Well Tecicior	ent Sealing Record Used (pe)	Volume (Cubic 50)	Used Metres)	No Cas Open Hole Galvar Outside D Water for Water for Usinfecter Man Cluster I Informat Total We Total We Consent I (8.5" 14 Consent I Signature Master W	ining and Science in a manufacture in a	Water Detail h Kind of W Gas Fresh j No If no, provide	Static Water Level Test    Metres
Depth Set a From 0 3.5	(steel, plas  PVC  Annu  It (Metres)  To  D. 8 Bur  H.3	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty  Linutle  intractor and Well Tector  Charter Type  Charter Type  Charter Type  Material And Type  A Charter Type  Material And Type  Material	ent Sealing Record Used pe)  Chnician Informatic Well C	Volume (Cubic 50)	Used Metres)	No Cas Open Hole Galvar Outside D Water for Water for Usinfecter Man Cluster I Informat Total We Total We Consent I (8.5" 14 Consent I Signature Master W	ining and Science in a manufacture in a	Water Detail h Kind of W Gas Fresh j No If no, provide	Static Water Level Test    Metres
Depth Set a From O 3.5	(steel, plas  PVC  Annu  It (Metres)  To  D. 8 Bur  H.3	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty Lonitte  Intractor and Well Tector  Color  Agme, number, RR)  Dale  Business E-m	ent Sealing Record Used pe)  Chnician Informatic Well C	Volume (Cubic 50)	Used Metres) (45	No Cas Open Hole Galvar Outside D Water for Water for Usinfecter Man Cluster I Informat Total We Total We Consent I (8.5" 14 Consent I Signature Master W	ing and So and S	Water Detail h Kind of W Gas Fresh h Kind of W Gas Fresh h Kind of W Gas Fresh l Fron Fresh l	Static Water Level Test    Metres
Depth Set a From 0 3.5	Well Coame of Well Control of Con	Material fic, fibreglass, concrete, fibreglass, concrete, Type of Sealant (Material and Ty  Lipite  Intractor and Well Teclor Name, number, RR) Otle Business E-m  (CNV)	ent Sealing Record Used (pe)  Chinician Informatic Well C Municipality Address ALIVA © hos	Volume (Cubic 50)	Used Metres) (45	No Cas Open Hole Galvar Outside D Water for Water for Usinfected Cluster I Informat Total We Total We Total We Consent the Direct Signature Master W Signature Audit No.	ing and So and S	Water Detail h Kind of W Gas Fresh h Kind of W Gas Fresh No If no, provide  Location of W as a re not allowed.  Kind of W Construction for reporty  Location of W as a re not allowed.  Ministry Us  We 5 2 7	Static Water Level Test    Metres
Depth Set a From 0 3.5	Well Coame of Well Control of Con	Material tic, fibreglass, concrete, lar Space/Abandonme Type of Sealant (Material and Ty Loritle  Intractor and Well Tector  Cictor  Agme, number, RR) Ocite  Business E-m	ent Sealing Record Used (pe)  Chinician Informatic Well C Municipality Address ALIVA © hos	Volume (Cubic 50)	Used Metres)	No Cas Open Hole Galvar Outside D Water for Water for United D Water for United Signalure Signalure Audit No. Date Rece	ing and Science in a control of the	Water Detail h Kind of W Gas Fresh h Kind of W Gas Fresh No If no, provide  Location of W as a re not allowed.  Kind of W Construction for reporty  Location of W as a re not allowed.  Ministry Us  We 5 2 7	Static Water Level Test    Metres
Depth Set a From 0 3.5	Well Coame of Well Control of Con	Material fic, fibreglass, concrete, fibreglass, concrete, Type of Sealant (Material and Ty  Lipite  Intractor and Well Teclor Name, number, RR) Otle Business E-m  (CNV)	ent Sealing Record Used (pe)  Chinician Informatic Well C Ling Municipality Lail Address Aung Chaw cian (Last Name, First	Volume (Cubic 50)	Used Metres) (45	No Cas Open Hole Galvar Outside D Water for Water for Usinfected Cluster I Informat Total We Total We Total We Consent the Direct Signature Master W Signature Audit No.	ing and Science in a control of the	Water Detail h Kind of W Gas Fresh h Kind of W Gas Fresh No If no, provide  Location of W Every Contractor  Construction for fresh Construction fresh Constructi	Static Water Level Test    Metres
Depth Set a From 0 3.5	Well Coame of Well Colores (Street No.)  Well Coame of Well Colores (Street No.)	Material fic, fibreglass, concrete, fibreglass, concrete, Type of Sealant (Material and Ty  Lipite  Intractor and Well Teclor Name, number, RR) Otle Business E-m  (CNV)	ent Sealing Record Used pe)  Chnician Informatic Well Cling Municipality in Address Cian (Last Name, First Date S	Volume (Cubic 50)	Used Metres) (45	No Cas Open Hole Galvar Outside D Water for Water for United D Water for United Signalure Signalure Audit No. Date Rece	ing and Science in Sci	Water Detail h Kind of W Gas Fresh h Kind of W Gas Fresh No If no, provide  Location of W Every Contractor  Construction for fresh Construction fresh Constructi	Static Water Level Test    Metres

Onta	ario Minist	vironmen	1	de de la		nd/or Print Below)	Regulation	903 0			ecord
	recorded in:   Information	Metric			85405	A085405	68	350	Page		of O
City o	of other	awa	- Co	arol	Holmes					by We	Constructed II Owner
	(Street Number/Namen+repo)		Dr		Jepean	Province	Postal Code	770	elephone N		
Address of Well	Location (Street Nur	mber/Name)	P>	hmou	ownship	At .	Lot	C	Concession	1	
County/District/N		13-7000	) rece	C	ity/Town/Village	£4		Provinc		Postal	Code
	Zone Easting	2995	orthing		Junicipal Plan and Sublo			Other	F10		
NAD   8   3  Overburden ar  General Colour		als/Abando		aling Recor	rd (see instructions on the		I Description			Dept	th ( <i>m/ft</i> )
General Colour	WOSE COMM	ion waterial		Othe	er iviaterials	Genera	Description			From	To
No.											
Depth Set at (r	m/ft)	Annular Type of Sea			Volume Placed	After test of well yield, wa	esults of Weater was:	_	W Down	Re	ecovery
	То	(Material ar			(m³/ft³)	☐ Clear and sand free ☐ Other, specify		-	Water Leve	-	Water Level (m/ft)
0. 02		toni	10			If pumping discontinued,	give reason:	Static Level			
	3' San		-					1		1	
	5 Court	-(				Pump intake set at (m/t	ft)	2		2	
Method	of Construction			Well Us		Pumping rate (I/min / GI	РМ)	3		3	
Cable Tool Rotary (Conve	☐ Diamond entional) ☐ Jetting		blic mestic	☐ Commer ☐ Municipa		Duration of pumping		5		5	
Rotary (Revers	Digging	Liv	estock gation	☐ Test Hole ☐ Cooling	e Monitoring & Air Conditioning	hrs + mir Final water level end of p		10		10	
Air percussion Other, specify			lustrial ner, <i>specify</i> _			If flowing give rate (I/mir	n / GPM)	15		15	
Inside Op	Construction Repen Hole OR Material			n ( <i>m/ft</i> )	Status of Well  Water Supply	Recommended pump of		20		20	
Diameter (Ga	alvanized, Fibreglass, oncrete, Plastic, Steel)	Wall Thickness (cm/in)	From	То	Replacement Well  Test Hole			25		25	
.25" P	Plastic	0.75"	01	13'	Recharge Well  Dewatering Well	Recommended pump r (I/min / GPM)	ate	30		30	
					Observation and/or Monitoring Hole	Well production (I/min /	GPM)	40		40	
					Alteration (Construction)	Disinfected?		50		50	
	Construction R	naard Carr			Abandoned, Insufficient Supply	Yes No	Map of We	60	ation	60	
Outside Diameter (Diameter	Material	Slot No.	Depth	n ( <i>m/ft</i> )	Abandoned, Poor Water Quality Abandoned, other,	Please provide a map be			ons on the b	ack.	1
(cm/in)	stic, Galvanized, Steel)		From	To	specify				smu,		
-3 FI	123416	10	13'	23'	Other, specify				1st		
	Water Det	ails		Н	ole Diameter	1			000		
	Depth Kind of Water Gas Other, spe		Untested	Dept From	h (m/ft) Diameter To (cm/in)	Tin			300	6	
Water found at I	Depth Kind of Water	r: Fresh	Untested	0'	23' 3.25'	/0			-	T	
	Gas Other, spe Depth Kind of Water		Untested						15	m	
(m/ft)				1.5				<u>J</u> .		1	
-1-1	of Well Contractor	1	rechnicia		Il Contractor's Licence No.	Tich mon	d R	-d			
	ss (Street Nymber/Na	· · · · ·	ng	Mu	nicipality	Comments:		,			
2-147 Province	Postal Code		E-mail Ado		ichmondH	4					
on	LHBIC	ENTE	ecords	@ Str	dasoil.com	Well owner's Date Pacinformation	ckage Delivere			try Use	Only
90576		mair	·M	ike		package y y y	rk Completed	DD	Audit No.	108	621
Well Technician's L	Licence No. Signature			ontractor Date	e Submitted	Yes Date Wo	9111	15	DEC :	2 1 2	009
0506E (12/2007)	. 0 //00				Ministry's Copy		1	-TU	© Queen's	Printer fo	r Ontario, 2007

Ontario Ministry of the Environment			Well Tag No. (Place Sticker and/or Print Below) Well Record							Record
Measurements record			An	92322	2097277	Regulation	903 0	Page	er Res	of Act
Well Owner's Info	ormation	Bellining		JEULE	rjo ( b) bc	- 00	15	rage	V	01
City of		lame / Organizat		Holmes	E-mail Address			E		Constructed ell Owner
Mailing Address (Stree	et Number/Name)	1 -	N	Municipality_	Province	Postal Code		elephone N	lo, (inc.	area code)
Well Location	erpoint	HARAGE HARA	annana a	Vepean		K265	K/a	41 30	90	24 24
Address of Well Locati		(Name) P	ichmo	ownship		Lot	. (	Concession		
County/District/Munici		, ,	C	ity/Town/Village			Provinc		Posta	Code
UTM Coordinates Zone	e Easting	Northing	N	OHawa Municipal Plan and Suble			Onta	rio		
	344130						1962			
General Colour	Most Common N	TO SECURE A SECURE ASSESSMENT	Visit Control of the	rd (see instructions on the er Materials	Contract Con	ral Description		1	Dep From	th (m/ft)
Double Code at Code		nnular Space	MENTER	an anche anche	After test of well yield,	Results of We	_	Testing w Down	P	ecovery
Depth Set at (m/ft) From To	(Mat	e of Sealant Used lerial and Type)		Volume Placed (m³/ft³)	Clear and sand f		The second of the second	Water Level	Time	Water Level
0, 0,5	Benton	vt.			Other, specify  If pumping discontinue	ed, give reason:	Static	(m/ft)	(min)	(m/lt)
0.5 9	Benton	He					Level 1		1	
91 201	sand				Pump intake set at (n	n/ft)	2		2	
					Pumping rate (l/min /	GPMI	3		3	
Method of Col	Diamond	☐ Public	Well Us				4		4	
Rotary (Conventional	)	☐ Domestic ☐ Livestock	☐ Municipa		Duration of pumping hrs +	nin	5		5	
Boring Air percussion	Digging	☐ Irrigation ☐ Industrial		& Air Conditioning	Final water level end o	of pumping (m/ft)	10		10	
Other, specify		Other, specify			If flowing give rate (I/n	min / GPM)	15		15	
THE RESIDENCE OF THE PARTY OF T	e OR Material		oth ( <i>m/ft</i> )	Status of Well  Water Supply	Recommended pump	o depth (m/ft)	20		20	
Diameter (Galvanize	ed, Fibreglass, Thic	kness m/in) From	То	Replacement Well Test Hole			25		25	
1.75" Plas	tic out	5" 01	10	Recharge Well  Dewatering Well	Recommended pump (Vmin / GPM)	p rate	30		30	
				Observation and/or Monitoring Hole	Well production (Vmin	r/GPM)	40		40	
				Alteration (Construction)	Disinfected?		50		50	
				Abandoned, Insufficient Supply	Yes No		60		60	
Outside	aterial at	De	oth (m/ft)	Abandoned, Poor Water Quality	Please provide a map	Map of W below following			ack.	400000000
	Ivanized, Steel)	ot No. From	То	Abandoned, other, specify		11				
1-5" Plas	itic 10	0 10'	20'	Other, specify		3				Macs
					Δ	Sma	(	XT		milk
Water found at Depth	Water Details Kind of Water:	Fresh Unteste	d Dept	h (m/ft) Diameter	7	reed	0	7 1	2	1 creed
The second secon	Other, specify	Event Olluteet	From	10' 3.25"	N	18	2	110	)mi	
Water found at Depth (m/ft) Gas	Other, specify	Fresh Unlesie		W Sales		17		11		
Water found at Depth	Kind of Water:	Fresh Unteste	d					6		
	ell Contractor and	d Well Technic				15	> -1			
Sylvaria Sc		o line	Wei	7 2 4 Contractor's Licence No.	Richmo	nd 1	201			
Business Address (Stre	eet Number/Name)	1		nicipality ///	Comments:					
		usiness E-mail A	idress	chmondHi						
on 1	4BICE	wrecord	15@ SLR	coasilocon	information	ackage Delivere	1	Minist Audit No.	try Use	Only
9057649	304 M	f Well Technician	11 ke		package delivered Pate V	Vork Completed		Z	LOE	6622
Well Technician's Licence	No. Signature of	echnician and/or	Contractor Date		Yes Date V	09 11 X	25	DEC 2	12	009
0506E (12/2007)	jung	1000		Ministry's Copy	4-4	CHUNC	المحد	© Queen's	Printer fo	or Ontario, 2007

Ministry of the Environment

ell Tag Number	(Place sticker and	d print number below)
B	2604	174
		1

Well Record
Regulation 903 Ontario Water Resources Act

page \_\_\_ of \_\_\_

#### Instructions for Completing Form

structions for Completing Form	A 060414	
For use in the <b>Province of Ontario</b> only.	This document is a permanent <b>legal</b> document. P	lease retain for future reference

0	All Sections <b>must</b> be completed in full to avoid delays in processing	. Further instructions and explanations are available on the back of this form.

<ul> <li>Questions re</li> </ul>	egarding cor	npleting th	full to avoid d	can be dir	ected to	. Further the Wa	instructio ter Well	ons and Help D	d explana Desk (To	ations are II Free) a	available at 1-888-	on the ba 396-935	ack of 5.	this form.	
<ul><li>All metre m</li><li>Please print</li></ul>			reported to ink only.	1/10" or a	metre.					Ministry	Use Only	,			
Well Owner's la	nformation			Informati	on	MUN		CC	ON				LOT		
First Name	سيم ، ۱۳۰۰	Last Nam	ie \	·	Maili						oncession				
County/District/Mur	nicipality	1100 10	Township/City	y/Town/Villag	ge G	7185 5	rovince	Posta	l Code	- 13  T	TH F	Number	(include	e area code)	
Address of Well Loc	ortion (County	/District/Ma	10NON	<u> </u>	Town		Ontario	Wr	16 gr	8					
CITY	10 20	C	nicipality)		1 1 7	BND	for ,	P	1		.ot	Conce	ssion		
RR#/Street Numbe	r/Name				Cit	ty/Town/\	'illage	— MY		Site/Cor	npartmen	t/Block/Tr	act etc	<b>3.</b>	
GPS Reading	NAD Zor	ne Eastin	ng	Northing		OTIA		Mode	of Opera	tion:	Undifferentia	ated []	Avera	aned	
	8 3 1	3 44	1710	50 a70		SAN	ni.			L.	Differentiate		y / 11 o i c		
Log of Overbur	Most common			er Materials	ons)			Canara	I Descript	lon		Dep	oth	Metres	
D. 6	m-7	material	` `					Genera	Descript	1011		Fro	om	То	
	~.11 JUMO		Cobbles Sano + Cobbles									5		1.52	
men 5	2,14		Sano	1 CODP	لوخ							1.3	20	3.65	
				1000000								-	-		
			C = = 1) (				// //								
	i		FOUY	1107	4062	Two	entering hells)								
			Linsus	THUC D	m 52	EQ									
									.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	+	$\neg$		
Hole Diam	eter			Constructio	n Record	l				-	rest of W	ell Yield			
Depth Metres		Inside	Matarial	Wa		Depth	Met	res	Pumping	test meth		w Down		ecovery	
From To	Centimetres	diam centimetres	Material	thickr		From	To				Time \	Nater Level Metres	Time min	Water Level Metres	
0 3.65	15.24			Casin					Pump in (metres)	take set at	- Static Level	***************************************			
		5,56	Steel Fibre	eglass	<del>-</del>		1		Pumping	rate	1		1		
Water Red	nord .	2,50	Plastic Cond	Sch い		O	2,4	13	(litres/mi	of pumpin	<b>Q</b> 2	/	2		
Malakan farmal	nd of Water		Galvanized Steel Fibre						hr	s +	min		2		
m Fresh			Plastic Conc						Final wa of pump	ter level er ina	nd 8		3		
Gas Salty Other:	Minerals		Galvanized						Recomm	met nended pur		$\leftarrow$	4		
m Fresh			Steel Fibre	- 1						nallow D	еер				
Gas Salty Other:	Minerals		Plastic Cond	crete					Recomm depth.	nended pur met	. /	$\overline{}$	5		
m Fresh	Sulphur			Scree	en				1	ended pur		$\overline{}$	10		
Gas Salty Other:	Minerals	Outside diam	Steel Fibre	eglass Slot I	No.					res/min give rate	15		15		
After test of well yield	l, water was		Plastic Conc	l l		2.43	3.6	5	1 -	es/min)	20		20	-	
Clear and sedimer	nt free	5,08	Galvanized	9,					If pumpin ued, give	g discontin reason.	- 30		30		
Other, specify		<u></u>		No Casing o	or Screer	1	T				40 50		40 50	$\overline{}$	
Chlorinated  Yes	□ No \		Open hole								60		60		
	ging and Se	aling Reco	rd 🦫 A	nnular space		donment				Locatio	n of Well				
Depth set at - Metres From To	Material and typ	e (bentonite sl	lurry, neat cement	slurry) etc.	Volume F (cubic me		In diagra	m below north by	show dista	nces of we	ell from road	I, lot line, a	ınd buil	ding.	
0 0,45	Slushr	च्ये क्र	~ ~ \c	ent				*******************************						4	
0.45 2.13	Bento	1,165 C)	hips				1 1 _	<b>E</b> )	ŀ	CA	ald av	· .			
9.13 3.65	7-35	<u>~</u>					1: 8	2		Tin	C 0/2	~		and the second	
					******		2 2	7~		570	دھ			washing the same of the same o	
	I.M	lethod of C	Construction				14 1	*3~~	*		1				
Cable Tool	Rotary (		Diamo	nd	☐ Dig	gging	ŝ	Ì	3.22		MINISTRACTOR	<b>T</b>	Name and Advanced or	-	
☐ Rotary (conventiona ☐ Rotary (reverse)	al) ☐ Air perc ☑Boring	ussion	☐ Jetting ☐ Driving		Ot	her	S.	l	8-	)£ C	y	3.2~			
	Laconing	Water		3				) 1	₹3	93.8	m	W 71	^	<≥.	
☐ Domestic ☐ Stock	☐ Industria		☐ Public ☐ Not us	· · · · · · · · · · · · · · · · · · ·	NO SCI	ner	Transcoon of the Contract of t	Ĵ	i iki m				<i>م</i> د		
☐ Irrigation	Municipa			ed / g & air conditio	oning		Audit No			9C.	Date Well (	Completed			
Water Supply	Recharge we	Final State		bod 🗍	A le a a a a a a a a	(045)	107	llun	044	29	Date Delive		<u> </u>	<u>∭</u> 35	
	Abandoned,	insufficient su	Unfinis  pply Dewate		Abandoned	i, (Otner)	was the package		ner's inform	ation (es <b>\interior</b> (%)	Date Delive	ed yy	/YY 	MM DD	
Test Hole [	Abandoned,		Replac	ement well						Ministry (	Ise Only				
Name of Well Contract		1		Well Contra		nce No.	Data Sou	ırce			Contractor	0	graps Sean		
Business Address (stre	et name, number	er, city etc.)		1083	>		Date Rec	eived.	2000	IM DD	Date of Insp	ection :	() ()	NA ==	
JU 40	NOPO	-ee		late w=			UL	1 11 3	£00/ "				/YY 	MM DD	
Name of Well Technicia	STATE OF THE PERSONS ASSESSED.	rst name)	mileo	Well Technic		nce No.	Remarks			1	Well Record	1 Number			
Signature of Technician			1	Date Submitte			1							İ	

# **APPENDIX 3**

**QUALIFICATIONS OF ASSESSORS** 

# Mark S. D'Arcy, P. Eng.



#### **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**

**Environmental Engineering** 

Ottawa Geotechnical Group Professional Engineers of Ontario

#### **EXPERIENCE**

1991 to Present Paterson Group Inc.

Geotechnical **Engineering** 

Associate and Senior Environmental/Geotechnical Engineer Environmental and Geotechnical Division Supervisor of the Environmental Division

#### SELECT LIST OF PROJECTS

**Materials Testing Quality Control** 

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

Hydrogeology

**Building Science** 

# KARYN MUNCH, P.ENG.



#### **POSITION**

Intermediate Environmental Engineer

#### **EDUCATION**

Carleton University, B.Eng. 2002 Environmental Engineering

#### **MEMBERSHIPS AND AWARDS**

Professional Engineers of Ontario Ottawa Geotechnical Society

## Environmental Engineering

#### **EXPERIENCE**

2011-present

Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Intermediate Engineer

#### 2009-2010

# Geotechnical Engineering

**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

# Materials Testing Quality Control

2002 to 2003

Dessau Soprin Inc.
Consulting Engineers
Environmental Division
Junior Engineer

#### **SELECT LIST OF PROJECTS**

#### **Building Sciences**

Billings-Hurdman Interconnect Watermain - Ottawa

Telus Building Remediation - Ottawa

Block D Lands Remediation and Redevelopment - Kingston

Alcan Plant Redevelopment - Kingston Gladstone Avenue Reconstruction - Ottawa Lees Avenue Coal Tar Site - City of Ottawa

Nortel Networks Environmental Monitoring Program

#### Hydrogeology

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