

**FINAL Report - Phase One
Environmental Site
Assessment**

Vacant Land Parcel, Boteler
Street
Parts 2, 4, 5, and 6 of Plan 4R-
26468, Part of Lot 3 and Part of
Lot 7 RCP 611769
Ottawa, Ontario



Prepared for:
Richard Barker
City of Ottawa
110 Laurier Avenue, 5th Floor
West
Ottawa, Ontario, K1P 1J1

And

State of Qatar
c/o Embassy of Qatar in Ottawa
Ambassador to Canada
800-150 Metcalfe Street
Ottawa, ON K2P 1P1

Prepared by:
Stantec Consulting Ltd.
1331 Clyde Avenue, Suite 400
Ottawa, Ontario, K2C 3G4

Project No. 122510670

June 27, 2014

Table of Contents

EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	1.1
1.1 PHASE ONE PROPERTY INFORMATION.....	1.1
2.0 SCOPE OF INVESTIGATION	2.1
2.1 REGULATORY FRAMEWORK	2.2
3.0 RECORDS REVIEW	3.1
3.1 GENERAL	3.1
3.1.1 Phase One Study Area Determination	3.1
3.1.2 First Developed Use Determination.....	3.1
3.1.3 Fire Insurance Plans	3.1
3.1.4 Chain of Title.....	3.3
3.1.5 Environmental Reports	3.3
3.1.6 City Directories	3.7
3.1.7 Property Underwriters' Reports and Plans	3.8
3.2 ENVIRONMENTAL SOURCE INFORMATION.....	3.9
3.2.1 National Pollutant Release Inventory (NPRI).....	3.9
3.2.2 PCB Storage Sites and Inventory Databases.....	3.9
3.2.3 Certificate of Approval (CofA).....	3.9
3.2.4 MOE Freedom of Information Requests	3.10
3.2.5 Coal Gasification Plant Waste Sites and Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario.....	3.10
3.2.6 Hazardous Waste Generators and Receivers	3.10
3.2.7 Technical Standards and Safety Authority (TSSA).....	3.11
3.2.8 Environmental Registry.....	3.12
3.2.9 Records of Site Condition (RSC)	3.12
3.2.10 Areas of Natural Significance	3.12
3.2.11 Waste Disposal Sites	3.13
3.2.12 EcoLog ERIS	3.13
3.3 PHYSICAL SETTING SOURCES.....	3.15
3.3.1 Aerial Photographs.....	3.15
3.3.2 Topography, Hydrology and Geology	3.17
3.3.3 Fill Materials.....	3.18
3.3.4 Water Bodies and Areas of Natural Significance	3.18
3.3.5 Well Records.....	3.19
3.4 SITE OPERATING RECORDS.....	3.19
4.0 INTERVIEWS.....	4.1
5.0 SITE RECONNAISSANCE	5.1
5.1 GENERAL REQUIREMENTS.....	5.1

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

5.2	SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY	5.1
5.2.1	Property Information	5.1
5.2.2	Property Buildings & Structures	5.1
5.2.3	Aboveground and Underground Storage Tanks	5.2
5.2.4	Underground Utilities and Services.....	5.2
5.2.5	Site Building Features.....	5.2
5.2.6	Wells.....	5.2
5.2.7	Sewage Works.....	5.2
5.2.8	Surface Features.....	5.3
5.2.9	Current or Former Railway Lines or Spurs.....	5.3
5.2.10	Surface Staining and Stressed Vegetation	5.3
5.2.11	Imported Fill and Debris	5.3
5.3	ENHANCED INVESTIGATION PROPERTY	5.3
5.3.1	Current Phase One Property Operations	5.3
5.3.2	Hazardous Material Use or Storage.....	5.3
5.3.3	Products Manufactured	5.4
5.3.4	By-Products and Wastes	5.4
5.3.5	Raw Materials.....	5.4
5.3.6	Drums and Totes	5.4
5.3.7	Oil/Water Separators	5.4
5.3.8	Vehicle and Equipment Maintenance	5.4
5.3.9	Spills.....	5.4
5.3.10	Liquid Discharge Points.....	5.4
5.3.11	Hydraulic Equipment.....	5.5
5.4	PHASE ONE STUDY AREA	5.5
5.5	WRITTEN DESCRIPTION OF INVESTIGATION.....	5.5
6.0	REVIEW AND EVALUATION OF INFORMATION.....	6.1
6.1	CURRENT AND PAST USES OF THE PHASE ONE PROPERTY	6.1
6.2	POTENTIALLY CONTAMINATING ACTIVITIES (PCAS)	6.1
6.2.1	Phase One Property	6.1
6.2.2	Phase One Study Area	6.2
6.3	AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)	6.2
6.4	PHASE ONE CONCEPTUAL SITE MODEL	6.3
7.0	CONCLUSIONS.....	7.1
7.1	IS A PHASE TWO ENVIRONMENTAL SITE ASSESSMENT REQUIRED BEFORE A RECORD OF SITE CONDITION IS SUBMITTED?	7.1
7.2	CAN A RECORD OF SITE CONDITION BE SUBMITTED BASED ON THE PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE?	7.1
7.3	CLOSURE	7.1
8.0	REFERENCES.....	8.1

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

LIST OF TABLES

Table 3-1: 1902/1922 Fire Insurance Plan Summary	3.1
Table 3-2: 1956 Fire Insurance Plan Summary	3.2
Table 3-3: Surrounding Properties within Phase One Study Area.....	3.8
Table 3-4: Aerial Photograph Summary.....	3.16
Table 3-5: Site Operating Records.....	3.19
Table 5-1: Current Adjacent & Neighbouring Properties	5.5
Table 6-1: Table of Current and Past Land Uses.....	6.1
Table 6-2: Areas of Potential Environmental Concern to Phase One Property	6.3
Table 6-3: Conceptual Site Model	6.4
Table 8-1: References	8.1

LIST OF APPENDICES

APPENDIX A	SITE PLANS & CONCEPTUAL SITE MODEL.....	A.1
APPENDIX B	SITE RECONNAISSANCE PHOTOGRAPHS	B.1
APPENDIX C	AERIAL PHOTOGRAPHS	C.1
APPENDIX D	PROJECT TEAM MEMBERS	D.1
APPENDIX E	SUPPORTING DOCUMENTATION	E.1

Executive Summary

Stantec Consulting Ltd. ("Stantec") conducted a Phase One Environmental Site Assessment ("Phase One ESA") of the vacant parcel of land with a legal description of Part of Lot 3 and Part of Lot 7, RCP 611769, designated as Parts 2, 4, 5, and 6, Plan 4R-26468, Boteler Street, Ottawa, Ontario, hereinafter referred to as the "Phase One Property". The Phase One ESA was completed in support of the filing of a Record of Site Condition ("RSC") for the Phase One Property with the Ontario Ministry of the Environment ("MOE"). Stantec understands that this Phase One ESA will be referenced as part of the preparation of a RSC. The purpose of the Phase One ESA was to assess if evidence of potential and/or actual environmental contamination exists at the Phase One Property as a result of current and/or past activities at the Phase One Property and/or neighbouring properties located within 250 m of the Phase One Property ("Phase One Study Area").

Phase One Property Description

The Phase One Property occupies the plot of land described as Part of Lot 3 and Part of Lot 7, Registrar's Complied Plan No. 611769 designated as Parts 2, 4, 5, and 6, Plan 4R-26468, City of Ottawa. The Phase One Property will have the civic address of 187 Boteler Street once the proposed building is constructed. The Phase One Property is undeveloped land located north of Boteler Street, east of the United Arab Emirates Embassy (located at 125 Boteler Street), west of King Edward Avenue, and south of the on/off ramps to the MacDonald Cartier Bridge (also known as King Edward Avenue). The Phase One Property consisted of gravel covered areas with a soil berm along the northern property boundary; reportedly containing soil from the King Edward Avenue Renewal Project placed temporarily on the Phase One Property, and vegetated land along the south property line. The entrance to the Phase One Property is at the south property line. The Phase One Property has a total area of approximately 0.75 hectares (1.85 acres).

Based on information obtained during the site reconnaissance and a review of available historical information, the Phase One Property was used for single family residential purposes from 1847 to approximately 1965 when construction of the bridge on/off ramps began. A commercial building was located on the northwest corner of Boteler Street and Cumberland Street in 1922. A coal yard was located near the north corner of the Phase One Property in 1922. A railway was located just beyond the northern boundary of the Phase One Property since at least 1880. Between 1965 and 2007, the Phase One Property was the right of way for King Edward Avenue connecting to the MacDonald Cartier Bridge. Since the realignment of King Edward Avenue in the early 2000s, the Phase One Property has been undeveloped land.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Conclusions and Recommendations

Based on information gathered and observations made, the Phase One ESA has revealed evidence of areas of potential environmental concern ("APEC") on and/or in the vicinity of the Phase One Property. The table below briefly summarizes the Potentially Contaminating Activities (PCAs) that may have impacted the Phase One Property:

APEC	Location of APEC on Phase One Property	PCA*	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Fill material	Across entire Phase One ESA Property	30 - Importation of Fill Material of Unknown Quality.	On-site	PAHs, PHC, metals	Soil and groundwater
APEC #2 Former coal storage yard	Northeast corner	Based on QP _{ESA} opinion this is a PCA, even though the MOE did not assign it a PCA number.	On-site	PAHs and PHC	Soil and groundwater
APEC #3 Former railroad tracks	Northern property boundary	46 - Rail yards, tracks, and spurs	Off-site	PAHs, PHC, Metals	Soil and groundwater
APEC #4 Former gasoline UST and former garage	Southwestern property boundary	27 – Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles 28 - Gasoline and Associated Product Storage in Fixed Tanks	Off-site	PAHs, PHCs, metals, VOCs	Soil and Groundwater
APEC #5 Former autobody garage	Southeastern property boundary	10 - Commercial Autobody Shops	Off-site	PAHs, PHCs, metals, VOCs	Soil and Groundwater

NOTES:

- *- Potentially Contaminating Activities listed in Table 2, Appendix D, of the Ontario Regulation 153/04, as Amended
- PAHs – polycyclic aromatic hydrocarbons
- PHC – petroleum hydrocarbons
- VOCs – volatile organic compounds

Based on the findings of the Phase One ESA, it is our opinion that a Phase Two ESA is required before a RSC is submitted. The Phase One and Two ESA reports will be used to support the filing of a RSC for the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Prior to submitting the RSC, the maximum soil and groundwater contaminant concentrations must be less than either the current MOE generic standards or, alternatively, the risk-derived standards generated specifically for the Phase One Property.

The statements made in this Executive Summary and the Executive Summary Table are subject to the project conditions described in the Closure (Section 7.3), and are to be read in conjunction with the remainder of this report.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Introduction
June 27, 2014

1.0 INTRODUCTION

1.1 PHASE ONE PROPERTY INFORMATION

Stantec Consulting Ltd. ("Stantec") conducted a Phase One Environmental Site Assessment ("Phase One ESA") of the vacant parcel of land, Part of Lot 3 and Part of Lot 7, RCP 611769, designated as Parts 2, 4, 5, and 6, Plan 4R-26468, Boteler Street, Ottawa, Ontario, hereinafter referred to as the "Phase One Property". The Phase One ESA was conducted in support of the filing of a Record of Site Condition ("RSC") for the Phase One Property with the Ontario Ministry of the Environment ("MOE"). Stantec understands that this Phase One ESA may be referenced as part of the preparation of a RSC.

The Phase One Property will have the civic address of 187 Boteler Street once the proposed building is constructed.

The Phase One Property is owned by the City and is currently vacant.

Contact information for the City (Client Contact) and the Phase One Property (Site Contact) are as follows:

Client Contact:

City of Ottawa
Richard Barker
110 Laurier Avenue West, 5th Floor West
Ottawa, Ontario, K1P 1J1

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Scope of Investigation
June 27, 2014

2.0 SCOPE OF INVESTIGATION

The general objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property.
- To determine the need for a Phase Two Environmental Site Assessment ("Phase Two ESA").
- To aid in the development of a Phase Two ESA scope of work.
- To provide adequate preliminary information about environmental conditions of the land or water on, in or under the Phase One Property in order to conduct a risk assessment following completion of a Phase Two ESA.

The Phase One ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination at a property. The Phase One ESA carried out by Stantec on the Phase One Property satisfied the requirements of the amended Ontario Regulation 153/04 (O.Reg.153/04), and consisted of the following:

- A review of records which included the following where available, but not limited to:
 - Publicly available city directories, aerial photographs, fire insurance plans, geological and topographic maps.
 - Fire insurance plans (FIPs), property underwriter's report and property underwriter's plans from SCM Risk Management Services ("RMS"), if available.
 - Any records on file with the MOE pertaining to the Phase One Property and the developed adjacent/neighbouring properties located north, south, east, and west of the Phase One Property.
 - Any records from the Technical Standards and Safety Authority ("TSSA") pertaining to the Phase One Property, if available.
 - All EcoLog ERIS ("ERIS") environmental databases pertaining to the Phase One Property and properties within a 250 m search radius from the perimeter of the Phase One Property.
 - Other environmental databases and records.
 - Previous environmental reports and existing title searches, if available.
- Interviews with persons having knowledge of the Phase One Property, including the Phase One Property owner, property occupants and/or neighbouring businesses within the Phase One Study Area having knowledge of the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Scope of Investigation

June 27, 2014

- Site reconnaissance to identify potentially contaminating activities associated with the following:
 - Current on-site operations;
 - Waste generation;
 - Fuel, chemical and waste storage;
 - Exterior Phase One Property conditions including surface features, fill material and wells; and,
 - Off-site sources and operations.
- An evaluation of the information gathered from the records review, interviews and site reconnaissance.
- Preparation of the Phase One ESA report provided herein.
- The submission of the Phase One ESA report to the owner of the Phase One Property.

A Phase One ESA does not include sampling or testing of air, soil, groundwater, surface water or building materials. This assessment did not include a review or audit of compliance with any environmental legislation applicable to the Phase One Property, or of any environmental management systems which may exist for the Phase One Property.

A site reconnaissance was conducted by Mr. Jason Nagasawa, M.Sc., of Stantec on April 22, 2013, between the times of 10 a.m. and 12:00 noon. The Phase One Property and readily visible and publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area were observed for areas of potential environmental concern. Stantec was unaccompanied during the site reconnaissance, which included assessment of the exterior portions of the Phase One Property. Stantec also was unaccompanied for the portion of the site reconnaissance which included the assessment of readily visible and publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area. No interviews were carried out to obtain or confirm information on the historical operations and activities on the Site, as no parties with such knowledge could be identified.

2.1 REGULATORY FRAMEWORK

In Ontario, the roles and powers of the Ontario Ministry of the Environment when dealing with contaminated sites are outlined primarily in the *Environmental Protection Act* (R.S.O. 1990). The MOE has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. The amended O.Reg.153/04, provides roles and responsibilities for property owners and consultants to use when assessing the environmental condition of a property, when determining whether or not restoration is required, and in determining the kind of restoration needed to allow continued use or reuse of a property. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase One ESA is an initial step in



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Scope of Investigation

June 27, 2014

the site assessment process, which may lead to the requirement for restoration work if areas of potential environmental contamination are identified. During a Phase One ESA, samples are not collected; however, if there are previous soil or groundwater sample results available, the results are compared to applicable provincial regulations.

3.0 RECORDS REVIEW

3.1 GENERAL

3.1.1 Phase One Study Area Determination

The Phase One Study Area included the Phase One Property, properties immediately adjoining the Phase One Property, and neighbouring properties located wholly or partially within 250 m from the nearest point on the boundary of the Phase One Property. No properties located further than 250 m from the Phase One Property were identified as containing relevant potentially contaminating activities; however, the presence or absence of landfills and/or coal gasification plants within 1,000 m of the Phase One Property was reviewed.

3.1.2 First Developed Use Determination

The first developed land use for the Phase One Property was determined through a review of fire insurance plans (FIPs) from 1902 (revised 1922) and 1956, available aerial photographs from 1928 to 2011, a land title search from Crown Patent in 1847 to 2013, available city directories, and previous reports. The majority of the Phase One Property appears to have been used for single family residential purposes. A commercial building was located on the northwest corner of Boteler Street and Cumberland Street in 1922. A coal yard was located near the north corner of the Phase One Property in 1922. A railway was located just beyond the northern boundary of the Phase One Property since at least 1880.

3.1.3 Fire Insurance Plans

A request was made to RMS for any FIPs, Property Underwriters' Reports or Property Underwriters' Plans pertaining to the Phase One Property. Available FIPs from 1902/1922 and 1956 were reviewed during the completion of this Phase One ESA.

The following is a summary of information obtained from the 1902/1922 and 1956 Fire Insurance Plans.

Table 3-1: 1902/1922 Fire Insurance Plan Summary

	Location/Address	Property Description(s)	Comments
Phase One Property	Approximately 141 to 207 Boteler Street (to be known as 187 Boteler Street after the future building is constructed), 104 to 120 Cumberland Street, and 97 to 117 Cumberland Street	Residential properties along Boteler Street, and former Cumberland Avenue. A coal yard with coal elevator is present at the southeast corner of Cumberland Street and McTaggart Street (north corner of Phase One Property).	Potentially contaminating activities identified included the storage of coal.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

	Location/Address	Property Description(s)	Comments
Adjacent/Neighbouring Properties Within Phase One Study Area			
Northern Properties	Along McTaggart Street	Canadian Pacific Railway lines running east-west approximately 10 m beyond the north property line.	Potentially contaminating activities identified included the presence of railway tracks.
Eastern Properties	54 to 68 King Edward Avenue, across King Edward Avenue, west of Rideau River	Residential properties along the west side of the former alignment of King Edward Avenue. Public Park between King Edward Avenue and the Rideau River.	No potentially contaminating activities identified.
Southern Properties (across Boteler Street)	142 to 226 Boteler Street	Residential dwellings with a contractor's storage building located at 160 Boteler Street.	No potentially contaminating activities identified.
Western Properties	99 to 139 Boteler Street	Residential dwellings.	No potentially contaminating activities identified.

Table 3-2: 1956 Fire Insurance Plan Summary

	Location/Address	Property Description(s)	Comments
Phase One Property	141 to 207 Boteler Street; 105 to 117 Cumberland Street, 118 and 120 Cumberland Street;	Residential properties along Boteler Street and former Cumberland Avenue. One commercial property appears to be present at the northwest corner of Boteler Street and Cumberland Street.	No potentially contaminating activities identified.
Adjacent/Neighbouring Properties Within Phase One Study Area			
Northern Properties	Along McTaggart Street	Canadian Pacific Railway lines running east-west approximately 10 m beyond the north property line.	Potentially contaminating activities identified included the presence of railway tracks.
Eastern Properties (across King Edward Avenue)	54 to 68 King Edward Avenue, across King Edward Avenue, west of Rideau River	Residential properties along the west side of King Edward Avenue. A public park is present between King Edward Avenue and the Rideau River.	No potentially contaminating activities identified.
Southern Properties (across Boteler Street)	136 to 216 Boteler Street	Residential dwellings with a public school at Boteler Street and Cumberland	Potentially contaminating activities identified

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

	Location/Address	Property Description(s)	Comments
		Street, a garage at 216 Boteler Street, and a dairy at 138 Boteler Street.	included the garage at 216 Boteler Street at the southwest corner of Boteler and King Edward Avenue.
Western Properties	99 to 139 Boteler Street	Residential dwellings. Property at 121 Boteler Street had an underground gasoline storage tank.	Potentially contaminating activities identified included an underground gasoline storage tank to the west of the Site.

3.1.4 Chain of Title

A chain of title for the Phase One Property was requested from Wentzell Titles, for the entire Phase One Property, legally described as:

- Part of Lot 3 and Part of Lot 7, Registrar's Complied Plan No. 611769 designated as Parts 2, 4, 5, and 6, Plan 4R-26468, City of Ottawa.

The title search was conducted for the time period from 1847 to 2013, with the last transaction recorded in 2003. According to information provided in the land registry title search, private individuals purchased portions of the Phase One Property from the Crown in 1847 and held the portions of the Phase One Property between 1847 and 1910 to 1963. Portions of parcels of land associated with the Phase One Property were sold to the St. Lawrence and Ottawa Railway Co. in 1880 and 1887 and the Canadian Pacific Railway in 1910/11. Other portions of parcels of land associated with the Phase One Property were acquired by the National Capital Commission during various dates between 1961 and 1969. The Regional Municipality of Ottawa-Carleton (now the City of Ottawa) acquired the Phase One Property in 1971 and has been the owner to the present day.

3.1.5 Environmental Reports

The following is a summary of previous subsurface investigations completed at the Phase One Property. The majority of these reports were completed by Jacques Whitford, now Stantec.

Subgrade Investigation, Ottawa Approach to Proposed MacDonald-Cartier Bridge, Ottawa, Ontario, prepared by H.Q. Golder & Associates Ltd., dated October, 1962.

The subgrade investigation identified the land between the Ottawa River to the north, Rideau River to the east, Boteler Street to the south and Sussex Avenue to the west, as having a shallow depth of till overburden overlying argillaceous Ordovician limestone bedrock. The bedrock was



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

found to slope down from Sussex Avenue to the Rideau River. Groundwater was identified to be within the overburden. Fill material was found beneath the railway tracks across the property consisting of silty sand with gravel, cobbles and trace organic matter.

Limited Phase I Environmental Site Assessment, King Edward Avenue and Sussex Drive Rights-of-Ways, Ottawa, Ontario, prepared by Jacques Whitford Environment Limited, dated February 2001.

The site assessed in this Limited Phase I ESA comprised: the King Edward Avenue right-of-way from Laurier Avenue to the Ottawa River; Sussex Drive right-of-way from Alexander Street to Bruyere Street including Green Island; areas enclosed by Boteler Street to the south, Sussex Drive to the northwest and the Rideau River to the east; Cathcart Street; Rose Street; and Bruyere Street east of King Edward Avenue. Several criteria were used to qualitatively rank the level of environmental concern associated with activities identified on the properties within the area of assessment. Three properties positioned within the vicinity of the Site were identified with potential environmental concerns. These include:

- former 169 ½ Boteler Street, occupied in the 1950s to late 1960s by Peter's Garage, the 1956 FIP shows an underground gasoline storage tank;
- east side of former Cumberland Street, between McTaggart Street and Boteler Street, occupied by JG Butterworth coal yard in the 1920s;
- 82 King Edward Avenue, occupied in the 1960s by Ken's Body Shop.

Geotechnical Inventory, King Edward Avenue, Ottawa, Ontario, prepared by Jacques Whitford and Associates Limited, dated February 2001.

The Geotechnical Inventory was completed as part of the Environmental Assessment study, also conducted by Jacques Whitford in 2000. Bedrock was identified as sublithographic to fine crystalline limestone with interbeds of calcarenite and shale of the Lindsay Formation. Depth to bedrock varied from 1 m along the Ottawa River to over 15 m east of King Edward. The soil stratigraphy consisted of glacial till, silty clay, sand, organic deposits and fill. Fill was found in large deposits within the study area, with typical depths of 1 to 3 metres. Groundwater elevations were found to be shallow, between 2 and 5 m below ground surface.

Draft Limited Phase II Environmental Site Assessment, King Edward Ave. Overpass Structures Over the Union Ave. to King Edward Ave. Ramp, Ottawa, Ontario, prepared by Jacques Whitford Environment Limited, dated April 2004.

The Limited Phase II ESA was completed in conjunction with a geotechnical investigation in the vicinity of the proposed overpass structures to be located northwest of Boteler Street. The laboratory analytical results were compared to the Ontario Ministry of the Environment Table B criteria provided in the *Guideline for Use at Contaminated*



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Sites in Ontario, which was applicable at the time of the assessment. Soil with concentrations of polycyclic aromatic hydrocarbons (PAHs) exceeding the criteria applicable at the time was identified near the eastern corner of the Phase One Property. Fill material of various thicknesses was found within the study area, with a depth of 7 m reported for BH4-1.

Draft Supplemental Phase II ESA, King Edward Avenue Right-of-way (Laurier Avenue East to Boteler Street) and Area of Structures North of King Edward Right-of-Way, Ottawa, Ontario, prepared by Jacques Whifford Limited, dated October 26, 2004.

The site of this Supplemental Phase II ESA comprised a 1.4 km section of King Edward Avenue between Laurier Avenue and Boteler Street, and lands northwest of Boteler Street. Boreholes and monitoring wells were installed along King Edward Avenue to assess soil and groundwater conditions. The laboratory analytical results were compared to the soil quality standards provided by the MOE in the *Soil, Ground Water, and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, dated March 9, 2004, which were applicable at the time of the assessment. Soil with concentrations of PAHs exceeding the standards applicable at the time was identified near the eastern corner of the Phase One Property. Fill material of various thicknesses was found within the study area, with none reported for BH4-31 and 1.9 m reported for BH4-12, located east of BH4-31.

Modified Phase I Environmental Site Assessment, Boteler Street from Dalhousie Street to King Edward Avenue, Ottawa, Ontario, prepared by Jacques Whifford Environment Limited, dated January 2006.

The focus of the Modified Phase I ESA was the Boteler Street right-of-way (ROW), between Dalhousie Street and King Edward Avenue and a 250-metre wide area beyond the subject ROW in all directions. Based on the findings of the assessment, several historical on-site and off-site activities were identified as posing an environmental concern to the current Phase One ESA Property. These activities include:

- JG Butterworth Coal Storage Yard, located on the north corner of the Phase One Property in the 1920s, contaminants of concern include PHC, PAH, and metals;
- Peter's Garage, located west of the Site between 1950 and 1960, contaminants of concern include PHC, VOCs, and metals; and
- Ken's Body Shop, located to the southeast of the Phase One Property in the 1960s, contaminants of concern include, PHC, VOCs and metals.

Limited Phase II Environmental Site Assessment, Boteler Street from Dalhousie Street to King Edward Avenue, Ottawa, ON, prepared by Jacques Whifford Environment Limited, dated January 2006.



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Boreholes and monitoring wells were installed along Boteler Street to assess soil and groundwater conditions based on the environmental concerns identified in the Modified Phase I ESA, as discussed. The laboratory analytical results were compared to the soil quality standards provided by the MOE in the *Soil, Ground Water, and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, dated March 9, 2004, which were applicable at the time of the assessment. Soil with concentrations of PAHs and sodium absorption ratio exceeding the standards applicable at the time was identified in the vicinity of the Phase One Property. Fill material was observed at depths ranging from 1.2 to 2.1 metres below grade.

Soil Sampling Results, United Arab Emirates (UAE) Embassy, 125 Boteler Street, Ottawa, Ontario, prepared by Trow Associates Inc., dated April 11, 2006.

The investigation consisted of the collection of four (4) soil samples from the walls of the excavation undertaken in preparation for construction on this property, now occupied by the Embassy of the UAE. Approximately two-thirds of the property was excavated to bedrock; therefore, no floor samples were submitted for laboratory analysis. The results of the laboratory analyses were compared to the Table 3 Standards provided in the *Soil, Ground Water, and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, dated March 9, 2004, which were applicable at the time of the assessment. No exceedances were identified in the assessment. This report formed the basis of the RSC filed with the MOE for the UAE Embassy.

Phase I Environmental Site Assessment, Vacant Land Parcels, Boteler Street, Parcel 1 and 2, Lot 7, RCP 611769, Ottawa, ON, prepared by Stantec Consulting Ltd., dated April 26, 2013.

The site of this Phase I ESA comprised of two triangular parcels of undeveloped land. Parcel 1, owned by the City of Ottawa, is a triangular parcel of land bound by King Edward Avenue to the north, undeveloped land owned by the City of Ottawa to the east, the UAE Embassy grounds to the south, and an undeveloped boulevard for the King Edward Avenue off-ramp to the west. Parcel 2, owned by the UAE, is a triangular parcel of land bound by the undeveloped land owned by the City to the north and east, Boteler Street to the south, and the UAE Embassy to the west. The site was approximately 0.25 hectares (0.62 acres) in size. A mound of soil was present on the northeast section of Parcel 1, reportedly excess soil and like material from the King Edward Renewal project temporarily placed on the parcel and subsequently landscaped. Based on the findings of the assessment, several historical on-site and off-site activities were identified as posing an environmental concern to the Phase One Property, the focus of the current Phase One ESA. These activities include:

- Impacted soil from the King Edward Renewal Project present as a berm along the northern boundary of the Phase One Property, and to the west of the Phase One Property;



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

- Canadian Pacific Railway lines that historically extended in an east to west direction along McTaggart Street, approximately 10 m to the north of the Phase One Property;
- Presence of a gasoline UST at 121 Boteler Street, to the west of the Phase One Property;
- Historical neighbouring property uses included a variety of operations of concern, such as: coal storage yards (northwest and east of the Phase One Property), gasoline service stations with underground storage tanks (north, west and south of the Phase One Property), building material storage and warehouses (north and west of the Phase One Property), automotive repairs (south and east of the Phase One Property), commercial printing services (southwest of the Phase One Property), and a train yard (west of the Phase One Property).

Draft Report – Phase II Environmental Site Assessment, Vacant Land Parcels, Boteler Street, Parcel 1 and 2, Lot 7, RCP 611769, Ottawa, Ontario, prepared by Stantec Consulting Ltd., dated May 10, 2013.

Boreholes and monitoring wells were installed over two triangular parcels of land to assess soil and groundwater conditions based on the environmental concerns identified in the Phase I ESA, as discussed above. The laboratory analytical results were compared to the soil quality standards provided by the MOE in the *Soil, Ground Water, and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, dated April, 2011, which were applicable at the time of the assessment. Soil with concentrations of PHCs and PAHs exceeding the standards applicable at the time was identified in the vicinity of the Phase One Property. Concentrations of the contaminants of concern in the groundwater samples collected from the monitoring wells were below the MOE standards.

Based on the reports summarized above, three locations have been identified as areas of potential environmental concern (APEC) based on historical activity and soil and groundwater concentrations that are greater than the current O.Reg.153/04, as amended values. The three locations are identified as:

- Along the north property line, underneath the temporary soil berm;
- In the northeast corner of the Phase One Property; and
- In the southwest corner of the Phase One Property.

3.1.6 City Directories

Available city directories were reviewed at Library and Archives Canada to assist in determining the development history of the Phase One Property and those properties within the Phase One



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

study area, as well as to assist in identifying potential contaminating activities. City directories from 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1986, 1990, 1994/1995, 2000/2001, 2004/2005, and 2009/2010 were available for review.

According to the information presented in the reviewed city directories, the former occupants of the Phase One Property, on Boteler Street between Dalhousie Street and King Edward Avenue, were residential dwellings with the exception of JG Butterwoth Co. Ltd. Coal Elevator located at the southeast corner of the former Cumberland Street and McTaggart Street in 1920 to 1925.

In addition, city directory information for the adjacent and neighbouring properties within the Phase One Study Area was reviewed. Occupants of buildings noted during the site reconnaissance are shown on Drawing No. 3 in **Appendix A**. A summary of the information obtained during the review is provided below:

Table 3-3: Surrounding Properties within Phase One Study Area

Adjacent Property	Address	Listing (year)
Western Properties	<ul style="list-style-type: none">125 Boteler Street (Currently UAE Embassy)	<ul style="list-style-type: none">Residential (1890 – 2010)
Northern Properties	<ul style="list-style-type: none">Formerly McTaggart StreetCurrently King Edward Avenue off-ramp	<ul style="list-style-type: none">Not listed (1960 – 2010)Residential (1950 – 1955, 1920 - 1930)Ontario Redi-mix Concrete Ltd (1940)Canadian Pacific Railway Depot (1910)WJ Healy Station (1910)Not listed (1890, 1900)
Southern Properties	<ul style="list-style-type: none">South side of Boteler Street	<ul style="list-style-type: none">Residential (1890 – 2010)
Eastern Properties	<ul style="list-style-type: none">54 to 68 King Edward Avenue	<ul style="list-style-type: none">Residential

No other activities or operations that would contribute to an APEC at the Phase One Property were identified within the Phase One Study Area from information in the city directories reviewed due to their separation distances from the Phase One Property, the inferred groundwater flow direction and/or the expected moderate to low permeability of the subsurface soils (i.e. clayey silt fill) in the Phase One Study Area.

3.1.7 Property Underwriters' Reports and Plans

As indicated in Section 4.1.3, a request was made to Opta Information Intelligence for any available Property Underwriters' Reports or Property Underwriters' Plans pertaining to the Phase One Property. According to Opta, no reports or plans for the Phase One Property were available.

3.2 ENVIRONMENTAL SOURCE INFORMATION

Available environmental databases and records were searched to determine if the Phase One Property and adjacent/neighbouring properties within the Phase One Study Area were listed. The databases and search results are presented in Sections 4.2.1 to 4.2.9. Several databases were searched by EcoLog ERIS at the request of Stantec. These search results are discussed in the applicable sections below. The complete EcoLog ERIS report for the Phase One Study Area is provided in **Appendix E**.

3.2.1 National Pollutant Release Inventory (NPRI)

The National Pollutant Release Inventory maintained by Environment Canada was searched as part of the EcoLog ERIS search commissioned for the Phase One Property and all properties within 250 m of the perimeter of the Phase One Property. No properties listed in the National Pollutant Release Inventory were identified by EcoLog ERIS.

3.2.2 PCB Storage Sites and Inventory Databases

The Ontario Inventory of PCB Storage Sites and the National PCB Inventory databases were searched as part of the EcoLog ERIS search commissioned for the Phase One Property and all properties within 250 m of the perimeter of the Phase One Property. No properties listed in the Inventory of PCB Storage Sites were identified by EcoLog ERIS.

3.2.3 Certificate of Approval (CofA)

Included in the ERIS report was a search of the *Certificates of Approval* (CsofA) database for all properties within the Phase One Study Area. A summary of the information obtained is provided below:

- City of Ottawa had CsofA issued for municipal sewage at: Dalhousie Street and Boteler Street in August 1993, Bruyere Street and Cumberland Street in September 1993; and Cathcart Street and Parent Street in May 1994. Based on the properties in the Phase One Study area being on municipal sewers, these reported CsofA are not anticipated to contribute to an APEC at the Phase One Property.
- City of Ottawa had a CofA issued at Bruyere Street and Cumberland Street in September 1993 for municipal water. Based on the properties in the Phase One Study area being on municipal water, this CofA is not anticipated to contribute to an APEC at the Phase One Property.
- R.M. of Ottawa Carleton, at Bolton Street/Dalhousie Street/King Edward Avenue, had a CofA issued for municipal water in January 1995. Based on the properties in the Phase One Study area being on municipal water, this reported CofA is not anticipated to contribute to an APEC at the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

- Lester B. Pearson Building, 125 Sussex Drive, had a CofA issued for Industrial Air in January 2001 for the exhaust from the installation of a 1250 kW diesel emergency generator. Based on the distance (at least 75 m) across the major roadway of the King Edward on and off ramps, this reported CofA is not anticipated to contribute to an APEC at the Phase One Property.
- Carleton Condominium Corporation No. 151, located at 40 Boteler Street, had a CofA issued for Air in September 2003. It is unlikely a condominium would contribute to an APEC at the Phase One Property.
- The Royal Embassy of Saudi Arabia, located at 201 Sussex Drive, had a CofA for municipal sewage in October 1998. The status of the CofA was cancelled, therefore, is not anticipated to contribute to an APEC at the Phase One Property.

Seventeen CsofA were listed in the EcoLog ERIS report; however, the listings did not provide location information. The remaining CofAs listed within the Phase One Study Area were related to municipal water or sewage and therefore are not anticipated to contribute to an APEC at the Phase One Property.

3.2.4 MOE Freedom of Information Requests

Stantec requested documents associated with the Phase One Property, and adjacent properties from the MOE. A response from the MOE has yet to be received. The MOE requests are provided in **Appendix E**.

3.2.5 Coal Gasification Plant Waste Sites and Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario

The "Inventory of Coal Gasification Plant Waste Sites in Ontario – April 1987" and the "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario – November 1988" were searched as part of the EcoLog ERIS search commissioned for the Phase One Property and all properties within 250 m of the Site. Results of the search indicated that the Phase One Property and other properties within 250 m of the Phase One Property are not listed as former coal gasification plant waste sites, or an industrial site responsible for the production or use of coal tar.

3.2.6 Hazardous Waste Generators and Receivers

The Ontario Regulation 347 Waste Generators Summary was searched as part of the EcoLog ERIS search commissioned for the Phase One Property and all properties within 250 m of the Site. A summary of the information obtained is provided below:

Phase One Property

- There are no records of waste generator and receivers on the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Adjacent/Neighbouring Properties

- Three hazardous waste generators are registered at 125 Sussex Avenue, approximately 75 m north across the King Edward Avenue on and off ramps. The three hazardous waste generators are: Foreign Affairs and International Trade, Health and Welfare Canada, and Public Works Canada.
 - Foreign Affairs and International Trade is registered with the MOE under Generator Number ON1715900 as a generator of waste classes 112 (acid wastes – heavy metals), 121 (alkaline wastes – heavy metals), 122 (alkaline wastes – other metals), 264 (photo processing wastes) from 1993 to 2001.
 - Health and Welfare Canada is registered with the MOE under Generator Number ON0062324 as a generator of waste class 312 (pathological wastes) from 1992 to 2001.
 - Public Works Canada is registered with the MOE under Generator Number ON0144746 as a generator of one or more of: 264 (photo processing wastes), 112 (acid wastes – heavy metals), 121 (alkaline wastes – heavy metals), 122 (alkaline wastes – other metals), 145 (paint/pigment/coating residues), 146 (other specified inorganics), 148 (inorganic laboratory chemicals), 212 (aliphatic solvents), 213 (petroleum distillates), 222 (heavy fuels) 243 (PCBs), 251 (oil skimmings & sludges), 252 (waste oils & lubricants), 263 (organic laboratory chemicals), 331 (waste compressed gases) in 2009; 222 (heavy fuels), from 1986 to 2012; .
- Based on the amount of wastes produced at this property, and the extended length of time (25 years), the property would be a cause for concern to the Phase One Property. However, the property is downgradient of the Phase One Property and based on the soil type (silty clay till) on the Phase One Property, it is not anticipated to have adversely impacted the Phase One Property.

The remaining hazardous waste generators and/or receivers identified within the Phase One Study Area are not anticipated to contribute to an APEC at the Phase One Property due to the distances separating them from the Phase One Property, the inferred groundwater flow direction (north) and/or the expected moderate to low permeability of the subsurface soils (i.e. clayey silt till) in the Phase One Study Area.

3.2.7 Technical Standards and Safety Authority (TSSA)

Stantec contacted the TSSA to request a search of their databases for files related to the Phase One Property regarding outstanding instructions, incident reports, fuel oil spills, contamination records, retail facilities and/or licensed underground storage tanks. A response from the TSSA has not been received at the time of issue.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

It should be noted that the Fuels Safety Division of the TSSA did not register private fuel underground or aboveground storage tanks prior to January 1990, or fuel oil tanks prior to May 1, 2002. Further, private waste oil tanks in apartments, office buildings, residences, etc. and aboveground gas or diesel tanks are not registered with the TSSA.

3.2.8 Environmental Registry

Included in the ERIS report was a search of the *Environmental Registry* database for all properties within the Phase One Study Area. Where necessary, Stantec also searched Ontario's online *Environmental Registry* in order to acquire additional details relating to the Instruments identified below. No environmental registry entries were listed in the Ecolog ERIS report.

3.2.9 Records of Site Condition (RSC)

The ERIS report included a search of the *Record of Site Condition* database (last updated in February 2013) for all properties within the Phase One Study Area. Based on the information provided, two RSCs were filed within the Phase One Study Area.

One RSC was indicated to have been filed in the Phase One Study Area for 125 Boteler Street (adjacent property to the west) and the other RSC was filed for vacant land north of Boteler Street, west of Dalhousie Street, and east of Sussex Drive. The filing of the two RSCs in the Phase One Study Area not considered to represent APECs to the Phase One Property.

In addition, Stantec also searched the online *Brownfields Environmental Site Registry* for RSCs and Transition Notices ("TNs") filed in the Registry since October 1, 2004. The search was conducted on June 18, 2013, and included a search of adjacent/neighbouring properties located within the Phase One Study Area. Based on the information reviewed, no additional RSCs were filed within the Phase One Study Area.

3.2.10 Areas of Natural Significance

Stantec completed a Site Sensitivity search in order to determine if any areas of natural significance, as defined by the amended O.Reg.153/04, are present within the Phase One Study Area. The search included, but was not limited to, reviews of information provided by the Ministry of Natural Resources (MNR), the Natural Heritage Information Centre, the City of Ottawa Official Plan and Zoning By-Laws, Oak Ridges Moraine Conservation Plan, and the *Endangered Species Act (2007)*.

Based on the information obtained, no areas of natural significance were identified within the Phase One Study Area; however, as a response from the MNR has not yet been received there is a potential for an area of natural significance within the Phase One Study Area. The MNR response will confirm or deny the presence of an area of natural significance. Stantec will forward information from the MNR response when available.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

3.2.11 Waste Disposal Sites

Stantec reviewed the information contained in the MOE document entitled *Waste Disposal Site Inventory*, dated June 1991. The report includes a list of known active and closed waste disposal site in Ontario, as of October 31, 1990. Based on the information reviewed, five properties within 1 km of the Phase One Property were listed as closed landfill sites.

In addition, the ERIS report included searches of the *Waste Disposal Sites – MOE CA Inventory* (data compiled from the MOE's CofA database), *Historical Waste Disposal Sites* and the *Anderson's Waste Disposal Sites* (includes sites that are missing from the MOE's *Waste Disposal Site Inventory*) databases for all properties within the Phase One Study Area. Based on the information provided, one waste disposal site was identified within the Phase One Study Area. Bordeleau Park, located approximately 300 m to the southeast of the Phase One Property, was listed as accepting urban municipal and domestic waste, and closed in 1928. Based on the inferred groundwater flow direction (north), and the distance between it and the Phase One Property, it is not anticipated to contribute to an APEC at the Phase One Property.

The remaining four waste disposal sites are as follows:

- Porter Island, approximately 350 m north, in the Rideau River, closed in 1928;
- New Edinburgh Park, approximately 550 m east across the Rideau River, closed in 1938;
- New Edinburgh Park, approximately 475 m northeast across the Rideau River, closed in 1928; and
- Maple Island, approximately 360 m northeast across the Rideau River, closed prior to 1928.

Based on closure dates, and the location of the sites cross or down gradient of the Phase One Property, and being across the Rideau River, it is not anticipated for these historical waste disposal sites to contribute to an APEC at the Phase One Property.

3.2.12 EcoLog ERIS

Records of environmental significance, included in the ERIS report, relating to the Phase One Property, adjacent properties and/or selected neighbouring properties, which were not already discussed in Sections 3.2.1 to 3.2.11, are summarized below. The complete report, including a drawing illustrating the search area, can be found in **Appendix E**.

Commercial Fuel Oil Tanks

- SCO Health Services Elizabeth Bruhere Center, located at 79 Cathcart Street, approximately 260 m to the southwest, was listed as having two tanks on the property both installed in 1987. One tank has the capacity of 500 gallons, and the second 10 000 gallons. No additional information is provided in the listing. Based on the distance from

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

the Phase One Property, and being cross gradient, it is not anticipated for the presence of these tanks to contribute to an APEC on the Phase One Property.

Contaminated Sites on Federal Land

- King Edward Park, discussed as a former waste disposal site, is listed as having polycyclic aromatic hydrocarbon and metal, metalloid and organometallic impacts in the soil. As this property is across the Rideau River from the Phase One Property, it is unlikely to have negatively impacted the Phase One Property.

TSSA Historic Incidents and TSSA Pipeline Incidents

- At 199 Sussex Drive, two pipeline strikes occurred on September 19, 2008, and April 5, 2011, which released natural gas (methane) into the atmosphere. Both incidents were due to cutting a conduit containing a natural gas line at a construction site. Due to the receiving medium (air), these pipeline strikes are not anticipated to contribute to an APEC.

Private and Retail Fuel Storage Tanks

- Public Works Canada, located at 125 Sussex Drive (neighbouring property to the north), was listed as having a 4500 L capacity private fuel tank. No additional information is provided. Based on the location downgradient, and across the King Edward Avenue/MacDonald Cartier Bridge on and off ramps, it is not anticipated that this fuel storage tank has contributed to an APEC at the Phase One Property.

Scott's Manufacturing Directory

- The Veiled Eye, located at 245 Bolton Street (neighbouring property approximately 120 m south east), was listed in the following categories: fine arts schools, live theatres and other performing arts presenters with facilities, cut and sew clothing manufacturing, schools, and institutions, and all other miscellaneous manufacturing. The Veiled Eye was established in September 2005. The activity of manufacturing theatre clothing and sets cross gradient of the Phase One Property is not anticipated to have contributed to an APEC.
- Donna Kearns Textiles, located at 146 Dalhousie Street (neighbouring property to the southwest), was listed as a manufacturer of women's, misses and juniors dresses, suits, skirts, and coats, outerwear not elsewhere classified, cut and sew clothing contracting, women's and girls cut and sew dress manufacturing, and suit, coat, tailored jackets and skirt manufacturing. Donna Kearns Textiles was established in 1981. Based on the type of manufacturing occurring, and the distance between the property and the Phase One Property, it is unlikely to have contributed to an APEC.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Ontario Spills

- On July 7, 2010, approximately 50 L of hydraulic oil was spilled to the roadway from a pipe or hose leak at Waste Management of Canada Corporation, located at 125 Sussex Drive. It was noted that environmental impacts to soil were not anticipated. Due to the limited quantity of product released, and the location downgradient of the Phase One Property, this release is unlikely to have contributed to an APEC.
- On September 19, 2008, and April 5, 2011, an unknown amount of natural gas (methane) was released to the atmosphere at 199 Sussex Drive. Due to the nature of the releases, and the receiving medium (air), these releases are unlikely to have adversely impacted the Phase One Property.
- On March 14, 1991, an unknown volume of heating oil was released to the ground at 266 Cathcart Street. It was noted that environmental impacts to soil were confirmed. Due to the location, approximately 200 m southeast of the Phase One Property, and the direction of groundwater flow (north), it is unlikely this release negatively impacted the Phase One Property.
- On October 8, 1990, approximately 1 L of oil was released to the Ottawa River at 10 Lady Grey Drive. It was noted that environmental impacts to water were not anticipated. Due to the distance from the Phase One Property, approximately 250 m, and that the receiving medium was water in the Ottawa River, this release is not anticipated to have negatively impacted the Phase One Property.

Water Well Information System

- One well was advanced within 250 m of the Phase One Property in 2005. No other information is provided. The final well status was listed as abandoned.

The remaining listings in the ERIS report are not anticipated to contribute to an APEC at the Phase One Property due to the nature of their operations, the inferred groundwater flow direction and/or the distances separating these properties from the Phase One Property.

3.3 PHYSICAL SETTING SOURCES

3.3.1 Aerial Photographs

Stantec's private aerial photograph collection and aerial photographs obtained from the National Air Photo Library were utilized to review historical aerial imagery of the Phase One Study Area. Aerial photographs from 1928, 1945, 1956, 1965, and 1973 were reviewed. In addition, satellite images obtained from Google Earth for October 2004, April 2007, July 2007, and October 2008 and City of Ottawa eMaps historical imagery from 1965, 1976, 1991 and 2011 were also reviewed. No additional aerial photos were obtained as the time period between photos was deemed adequate to assess the period from the Phase One Property's first developed use

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

to the present. Information gleaned from the aforementioned aerial photographs is provided below:

Table 3-4: Aerial Photograph Summary

Date (scale)	Phase One Property	Phase One Study Area
<p>1928 (1:5,000)</p>	<p>Residential dwellings are present along the south property line and in the east third of the Phase One Property. Cumberland Street extends north through the Phase One Property at the eastern third.</p>	<p>Adjacent/neighbouring properties to the south appear to be residential and/or institutional. The property to the east is parkland, the property to the west appears to be residential. The property to the north is the CPR railway tracks. The coal yard is present at the southeast corner of McTaggart Street and Cumberland Street.</p>
<p>1945 (1:15,000)</p>	<p>Residential dwellings are present along the south property line and in the east third of the Phase One Property. Cumberland Street Extends north through the Phase One Property at the eastern third.</p>	<p>Adjacent/neighbouring properties to the south appear to be residential and/or institutional. The property to the east is parkland, the property to the west appears to be residential. The property to the north is the CPR railway tracks.</p>
<p>1956 (6":5375)</p>	<p>Residential dwellings are present along the south property line and the eastern third of the Phase One Property, with Cumberland Street extending through the Phase One Property.</p>	<p>Adjacent/neighbouring properties to the south appear to be residential and/or institutional. The property to the east is parkland, the property to the west appears to be residential. The property to the north is the CPR railway tracks.</p>
<p>1965 (6":24001)</p>	<p>In house library: Residential dwellings are present along the south property line and the eastern third of the Phase One Property, with Cumberland Street extending through the Phase One Property. City of Ottawa eMaps: The railway tracks are removed, the southern property line has residential buildings, but the main portion of the Phase One Property is under construction for access to the MacDonald Cartier bridge.</p>	<p>In house library: Adjacent/neighbouring properties to the south appear to be residential and/or institutional. The property to the east is parkland, the property to the west appears to be residential. The property to the north is the CPR railway tracks. City of Ottawa eMaps: Properties to the east and north are under construction for the on and off ramps connecting King Edward Avenue and the bridge. Properties to the south and west remain unchanged. The railway tracks to the north have been removed.</p>
<p>1973 (6":128501)</p>	<p>The Phase One Property is undeveloped land. Cumberland Street stops at Boteler Street. An off ramp from the MacDonald Cartier bridge cuts across the northeastern half of the Phase One Property and connects with King Edward Avenue to the east.</p>	<p>The properties to the north and east are on and off ramps to the MacDonald Cartier bridge and the connection to King Edward Avenue. The properties to the south appear to be larger apartment buildings than single family homes. The property to the west is undeveloped.</p>
<p>1976 (unknown scale)</p>	<p>The on and off ramps connecting King Edward Avenue and the bridge are complete and cross the Phase One Property from the southeast corner to the northwest corner. The</p>	<p>Properties to the north, east and west are undeveloped, landscaped land around the roadways connecting King Edward Avenue and the bridge. The property to the south at the western end has a large building with a</p>

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Date (scale)	Phase One Property	Phase One Study Area
	Phase One Property is undeveloped and landscaped.	large parking lot. The properties to the south at the eastern end contain apartment buildings.
1991 (scale unknown)	The Phase One Property appears unchanged.	The properties appear unchanged.
2004 (scale unknown)	The Phase One Property appears unchanged with the exception of a building at the south property line.	The properties appear unchanged with the exception of the property to the south on the west half. Construction of large building is evident.
2007 (unknown scale)	Trailers appear at the southwest corner of the Phase One Property. The remainder of the Phase One Property remains unchanged.	The property to the north and east are under construction for the King Edward Renewal project and with new roadways connecting King Edward Avenue and the bridge. The properties to the south remain unchanged as the building is now constructed at the west end. The property to the west is under construction for the United Arab Emirates embassy.
2008 (unknown scale)	The Phase One property is landscaped and no longer has a roadway cutting across it. Trees are visible along the north and east property lines. An access road is visible on the western part of the Phase One Property.	The properties to the north and east are roadways connecting King Edward Avenue and the bridge. The properties to the south appear unchanged. The embassy to the west is constructed.
2011 (unknown scale)	The Phase One Property appears unchanged.	The properties appear unchanged.

3.3.2 Topography, Hydrology and Geology

3.3.2.1 Topography and Regional Drainage

Based on Natural Resources Canada topographic map 31 G/5, and the observed topography in the vicinity of the Phase One Property, regional surface drainage (inferred shallow groundwater flow direction) appears to generally flow in a northerly direction. As indicated on the reviewed maps, the Ottawa River is approximately 360 metres west and the Rideau River approximately 130 m northeast of the Phase One Property.

It should be noted that the direction of the shallow groundwater flow in limited areas can also be influenced by the presence of underground utility corridors and is not necessarily a reflection of regional or local groundwater flow or a replica of the Phase One Property or area topography.

3.3.2.2 Hydrology and Surface Water Drainage

The Phase One Property is primarily gravel-covered with grass and vegetation growing along the south and north property lines. A large soil berm is located along the north

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

property line, and was in the process of being removed at the time of the Phase One Site visit. Storm water is anticipated to drain either by infiltration on the landscaped areas or by overland flow.

3.3.2.3 Surficial Geology

Geological maps of the area indicate that the native surficial soils in the vicinity of the Phase One Property consist of glaciomarine and marine deposits of fine textured silt, and clay with sand and gravel on Paleozoic terrain. The characteristic permeability of this soil deposit is low. According to previous subsurface investigations, the subsurface soils consist of silty sand and gravel fill over native silty clay.

3.3.2.4 Bedrock Geology

Based on information obtained from the Ontario Geological Survey layer in Google EarthPro, entitled *Bedrock Geology of Ontario*, bedrock in the area of the Phase One Property is reported to consist of Paleozoic limestone with shale partings of the Lindsay Formation. The depth to bedrock was not indicated on the map. Bedrock was encountered during the previous environmental subsurface investigations between 1.9 and 4.9 m below grade.

3.3.3 Fill Materials

Soil material was observed along the north property boundary of the Phase One Property. This is reportedly excess soil from the King Edward Avenue Renewal project. The excess soil is understood to be impacted by PAHs, petroleum hydrocarbons (PHCs), and metals. However, this excess soil material is understood to be removed from the Phase One Property at the time of this report.

Fill was encountered from surface to a depth of approximately 3 metres below grade during the Phase II ESA in 2013 completed by Stantec (excluding the berm along the northern property boundary). Fill was also encountered in adjacent boreholes from previous subsurface investigations from surface to a maximum depth of 7 metres below grade.

3.3.4 Water Bodies and Areas of Natural Significance

As discussed in Section 3.3.2.1, the Ottawa River is approximately 360 m west of the Phase One Property and the Rideau River is approximately 130 m northeast of the Phase One Property.

As discussed in Section 3.2.10, Stantec completed a Site Sensitivity search in order to determine if any areas of natural significance, as defined by the amended O.Reg.153/04 as amended, are present within the Phase One Study Area.

Based on the information obtained, potential areas of natural significance were identified within the Phase One Study Area. At the issue of this report, a response from the Ministry of Natural

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Records Review
June 27, 2014

Resources (MNR) had not yet been received. The potential areas of natural significance will be confirmed or removed in the MNR response.

3.3.5 Well Records

Stantec obtained water well information from the Ecolog ERIS report. One water well was identified and is discussed in Section 3.2.1.2.

3.4 SITE OPERATING RECORDS

Documents related to the Phase One Property were requested from the client contact and/or the site contact of the Phase One Property. Comments regarding each of the documents are provided in the table below.

Table 3-5: Site Operating Records

Document(s)	Title	Comments
Regulatory Permits and Records	None provided	No regulatory permits and records were obtained from the site contact of the Phase One Property.
Material Safety Data Sheets (MSDSs)	None provided	No MSDSs were obtained from the site contact of the Phase One Property.
Underground Utility Drawings	Utility Locates	No utility locates obtained during environmental subsurface investigations previously completed at the Phase One Property were reviewed to determine the location of utilities such as natural gas, hydro, water, etc.
Chemical Inventory	None provided	No chemical inventories were obtained from the site contact of the Phase One Property.
Storage Tank Inventory	None provided	No aboveground or underground storage tanks were reported to be present at the Phase One Property.
Environmental Monitoring Data	None provided.	Results of previous monitoring events and environmental subsurface investigations at the Phase One Property are discussed in Section 3.1.5.
Waste Management Records	See Section 3.2.7	No waste management records were obtained from the site contact of the Phase One Property.
Process, Production and Maintenance	None provided	No process, production and maintenance documents were obtained from the site contact of the Phase One Property.
Records of Spills and Contaminant Discharges	None provided	No records of spills or discharges were obtained from the site contact of the Phase One Property.
Emergency Response Plans	None provided	No emergency response plans were obtained from the site contact of the Phase One Property.
Environmental Audit Reports	None provided	No environmental audit reports were obtained from the site contact of the Phase One Property.
Site Plan	None provided	A site plan was reviewed from previous environmental reports based on the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Interviews
June 27, 2014

4.0 INTERVIEWS

No interviews were conducted as no parties with knowledge of the Phase One Property were identified.

5.0 SITE RECONNAISSANCE

5.1 GENERAL REQUIREMENTS

A site reconnaissance of the Phase One Property was conducted by Mr. Jason Nagasawa, M.Sc., of Stantec on April 22, 2013, between the times of 10:00 am and 12:00 noon. During the site reconnaissance, the weather was sunny with clouds, with an approximate temperature of 5°C. The Phase One Property and readily visible and publicly accessible portions of adjacent/neighbouring properties within the Phase One Study Area were observed for the presence of potentially contaminating activities and potential contaminant pathways.

Stantec was unaccompanied during the site visit. All areas of the Phase One Property were available for inspection. Stantec was also unaccompanied for the portion of the site reconnaissance that included the assessment of readily visible and publicly accessible portions of adjacent/neighbouring properties within the Phase One Study Area.

An Ontario Base Map, a plan showing the properties within the Phase One Study Area, and a Conceptual Site Model are included in **Appendix A**. Selected photographs of the exterior of the Phase One Property are included in **Appendix B**.

5.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

5.2.1 Property Information

The Phase One Property occupies the plot of land described as Part of Lot 3 and Part of Lot 7, Registrar's Complied Plan No. 611769 designated as Parts 2, 4, 5, and 6, Plan 4R-26468, City of Ottawa. The Phase One Property will have the civic address of 187 Boteler Street once the proposed building is constructed. The Phase One Property is undeveloped land located north of Boteler Street, east of the UAE Embassy (located at 125 Boteler Street), west of King Edward Avenue, and south of the on/off ramps to the MacDonalld Cartier Bridge (also known as King Edward Avenue). The Phase One Property consisted of gravel covered areas with a soil berm along the north property line, reportedly from the King Edward Avenue Renewal Project placed temporarily on the Phase One Property, and vegetated land along the south property line. Photographs of the Phase One Property are presented in **Appendix B**. The entrance to the Phase One Property is at the south property line. The Phase One Property has a total area of approximately 0.75 hectares (1.85 acres).

5.2.2 Property Buildings & Structures

As indicated in Section 5.2.1, there are no buildings present at the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Site Reconnaissance
June 27, 2014

5.2.3 Aboveground and Underground Storage Tanks

No chemical or fuel aboveground storage tanks (ASTs) or underground storage tanks (USTs) were identified or reported to be present at the Phase One Property at the time of the site reconnaissance. Further, no vent or fill pipes indicating the potential presence of an abandoned or decommissioned UST were observed.

5.2.4 Underground Utilities and Services

No underground utilities and services or reasons for underground utilities and services were visible during the site reconnaissance, with the exception of street lights along the north and east property lines along the on/off ramp and King Edward Avenue.

5.2.5 Site Building Features

No buildings were present at the Phase One Property at the time of the site reconnaissance.

5.2.6 Wells

Stantec installed four groundwater monitoring wells on the Phase One Property during a previous environmental subsurface investigation. Three wells were installed in the southwest corner of the Phase One Property, and one well in the northwest corner of the Phase One Property to assess the quality of the soil and groundwater on Parcel 2, formerly owned by the Embassy of the United Arab Emirates. One monitoring well was installed to the north of the UAE Embassy (land formerly owned by the City of Ottawa) to assess the quality of the soil and groundwater on Parcel 1. The wells were completed with stick up casings. At the time of the site reconnaissance, the four on-site monitoring wells were identified. The locations of these existing wells are provided on Drawing No. 3 presented in **Appendix A**. Since the site reconnaissance, two monitoring wells, one in the northwest corner and one in the southeast corner, were decommissioned in June 2013.

No other abandoned or existing wells (e.g. groundwater monitoring, potable water, oil, gas or disposal) were observed on the Phase One Property at the time of the site reconnaissance.

5.2.7 Sewage Works

No wastewater was observed to be generated at the Phase One Property at the time of the site reconnaissance. No septic tanks or septic tile beds are reported to be present at the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Site Reconnaissance
June 27, 2014

5.2.8 Surface Features

The exterior surface of the Site is comprised of gravel covered land, with a soil berm along the north property line. Vegetated land is present along the south property line. No watercourses, pits, or lagoons were identified on the Phase One Property and no standing water was observed.

5.2.9 Current or Former Railway Lines or Spurs

A former railway line was present approximately 10 m north of the Phase One Property but no indication of this railway line or nail spurs were observed at the time of the site reconnaissance.

5.2.10 Surface Staining and Stressed Vegetation

No stained surficial materials or stressed vegetation were observed at the Phase One Property.

5.2.11 Imported Fill and Debris

Evidence of imported fill materials was observed at the north property line of the Phase One Property in the form of a soil berm. This soil was produced during the King Edward Avenue Renewal Project and was temporarily placed on the Phase One Property until it could be transported to a more permanent location off-site. Debris was identified on the eastern property line.

Asbestos-containing concrete (transite) pipe materials and debris were identified on the Phase One Property in July 2013. An asbestos abatement contractor removed 1.56 metric tonnes of this material from the Phase One Property in accordance with O.Reg. 278/05. However, additional asbestos-containing concrete (transite) pipe materials may be present on the Phase One Property. If encountered, these materials also should be removed in accordance with O.Reg. 278/05.

5.3 ENHANCED INVESTIGATION PROPERTY

The Phase One Property formerly had a coal yard located in the northeast corner. As defined in the amended O.Reg.153/04, the Phase One Property is considered an Enhanced Investigation Property due to this former property use (industrial).

5.3.1 Current Phase One Property Operations

The Phase One Property is currently undeveloped land. The northeast portion of the Phase One Property was formerly part of JG Butterworths coal yard.

5.3.2 Hazardous Material Use or Storage

No chemical storage areas were observed at the Phase One Property at the time of the site reconnaissance.



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Site Reconnaissance
June 27, 2014

5.3.3 Products Manufactured

No products were observed or reported to be manufactured at the Phase One Property at the time of the site reconnaissance or in historical documents.

5.3.4 By-Products and Wastes

No non-hazardous solid wastes are generated at the Phase One Property at the time of site reconnaissance.

No liquid wastes are generated at the Phase One Property as it is undeveloped.

5.3.5 Raw Materials

No handling or storage of raw materials was observed or reported at the Phase One Property at the time of site reconnaissance or in historical documents.

5.3.6 Drums and Totes

No drums or totes were observed or reported to be present at the Phase One Property at the time of site reconnaissance.

5.3.7 Oil/Water Separators

No oil/water separators were observed or reported to be present at the Phase One Property at the time of site reconnaissance or in historical records.

5.3.8 Vehicle and Equipment Maintenance

No vehicle or equipment maintenance was conducted at the Phase One Property at the time of site reconnaissance or in historical records.

5.3.9 Spills

No evidence of spills was observed at the Phase One Property at the time of site reconnaissance.

5.3.10 Liquid Discharge Points

No stormwater catch basins were observed at the Phase One Property. As the Phase One Property was formerly part of the roadway, no sanitary sewer lines are expected to be on the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Site Reconnaissance
June 27, 2014

5.3.11 Hydraulic Equipment

No hydraulic equipment was observed or reported to be present at the Phase One Property.

5.4 PHASE ONE STUDY AREA

The current activities on adjacent and neighbouring properties observed at the time of the site reconnaissance are summarized in the table below.

Table 5-1: Current Adjacent & Neighbouring Properties

Area	Address	Description
North Property	King Edward Avenue Right of way	The property to the north is currently occupied by the double lane King Edward Avenue which extends in an east to west direction. A landscaped boulevard is present between the east-bound and west-bound lanes. North of King Edward Avenue is the Lester B. Pearson building (125 Sussex Drive) which is occupied by the Government of Canada.
East Properties	King Edward Avenue	The property to the east is currently occupied by the double lane King Edward Avenue. A landscaped boulevard is present between the north-bound and south-bound lanes. To the east of King Edward Avenue is a park with walkways then the Rideau River.
South Properties	150 Bolton Street, 150 Boteler Street	Residential apartment building and Korean Embassy.
West Property	125 Boteler Street	United Arab Emirates Embassy

The remaining adjacent/neighbouring properties are not anticipated to contribute to an APEC at the Phase One Property due to the nature of their operations, the inferred groundwater flow direction and/or the distances separating these properties from the Phase One Property.

5.5 WRITTEN DESCRIPTION OF INVESTIGATION

No additional investigations were undertaken during the Phase One ESA to assess any potential environmental concerns identified.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

The current and past uses of the Phase One Property as determined by the site reconnaissance and historical information gathered through the records review is summarized as follows:

Table 6-1: Table of Current and Past Land Uses

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Phase One Property				
1847 to early/mid 1960s	Unknown JG Butterworth (northeast corner)	Residential Coal yard	Residential Industrial	1922 FIP indicates a coal storage yard at the northeast corner of the Phase One Property. The 1928 aerial photograph shows an industrial property at the same location.
1971 -2007	Region of Ottawa Carleton	On and off ramps from King Edward Avenue to the MacDonald Cartier Bridge.	Commercial	Based on aerial photographs the Phase One Property had an off ramp connecting the MacDonald Cartier Bridge and southbound King Edward Avenue cutting across from the northwest corner to the southeast corner.
2007 to present	City of Ottawa	Undeveloped land	Commercial	The realignment of the bridge access ramps left the Phase One Property as vacant land with excess soil from the re-alignment placed as a berm along the north property line.

6.2 POTENTIALLY CONTAMINATING ACTIVITIES (PCAS)

6.2.1 Phase One Property

A list of PCAs at the Phase One Property that may be contributing to APECs is provided below. Numbers in brackets, where provided, refer to the PCA item number in Table 2, Schedule D of O.Reg. 153/04.

- Importation of Fill Material of Unknown Quality (#30) - excess soil from the re-alignment of King Edward Avenue access to the MacDonald Cartier Bridge plus fill from unknown

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Review and Evaluation of Information
June 27, 2014

locations assumed to cover the entire Phase One Property based on previous subsurface investigations.

Additional activities at the Phase One Property that were considered to be PCAs contributing to APECs, although not listed in Table 2, Schedule D of O.Reg. 153/04 included the following:

- The presence of a former coal storage yard located at the northeast corner of the Phase One Property.

6.2.2 Phase One Study Area

A list of PCAs within the Phase One Study Area that were considered to contribute to one or more APECs at the Phase One Property is provided below. The locations identified in previous sections as PCAs, but not listed below, were not considered to contribute to APECs at the Phase One Property based on their distance from the Phase One Property, limited operational size, nature of wastes generated or manufacturing, and/or anticipated groundwater flow direction with respect to the Phase One Property.

- Commercial Autobody Shops (#10)
 - Ken's Body Shop (82 King Edward Avenue)
- Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles (#27)
 - Pete's Garage (169 ½ Boteler Street)
- Gasoline and Associated Products Storage in Fixed Tanks (#28)
 - Pete's Garage (169 ½ Boteler Street) – gasoline UST visible on 1956 FIP
- Rail Yards, Tracks and Spurs (#46)
 - Former CP Railway tracks approximately 10 m north of the Phase One Property – along the former McTaggart Street

6.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

The table below lists the potentially contaminating activities on the Site or within the study area identified in Section 6.2 that represent an APEC to the Phase One Property, the contaminants of potential concern, and the potentially impacted media of concern at the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Review and Evaluation of Information
June 27, 2014

Table 6-2: Areas of Potential Environmental Concern to Phase One Property

APEC	Location of APEC on Phase One Property	PCA*	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 Fill Material	Across entire Phase One ESA Property	30 - Importation of Fill Material of Unknown Quality.	On-site	PAHs, PHC, metals	Soil and groundwater
APEC #2 Former coal storage yard	Northeast corner	Based on QP _{ESA} opinion this is a PCA, even though the MOE did not assign it a PCA number.	On-site	PAHs and PHC	Soil and groundwater
APEC #3 Former railroad tracks	Northern property boundary	46 - Rail yards, tracks, and spurs	Off-site	PAHs, PHC, Metals	Soil and groundwater
APEC #4 Former gasoline UST and former garage	Southwestern property boundary	27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles 28 - Gasoline and Associated Product Storage in Fixed Tanks	Off-site	PAHs, PHCs, metals, VOCs	Soil and Groundwater
APEC #5 Former autobody garage	Southeastern property boundary	10 - Commercial Autobody Shops	Off-site	PAHs, PHCs, metals, VOCs	Soil and Groundwater

NOTES:

*- Potentially Contaminating Activities listed in Table 2, Appendix D, of the Ontario Regulation 153/04, as Amended.

6.4 PHASE ONE CONCEPTUAL SITE MODEL

In developing the Conceptual Site Model for the Phase One Property and Phase One Study Area, the following physical characteristics/pathways were evaluated in order to assess whether or not Potentially Contaminating Activities have contributed to an APEC at the Phase One Property.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Review and Evaluation of Information
June 27, 2014

Table 6-3: Conceptual Site Model

Physical Characteristics/Pathways	Description
Subsurface Soils	Based on available geological maps and previous reports, fill consisting of silty sand and gravel was observed to a maximum depth of 3 m below grade, overlying silty clay.
Bedrock	Based on information obtained from the Ontario Geological Survey layer in Google EarthPro, entitled <i>Bedrock Geology of Ontario</i> , bedrock in the area of the Phase One Property is reported to consist of limestone of the Lindsay Formation. The depth to bedrock was not indicated on the map. Bedrock was encountered during previous environmental subsurface investigations at depths ranging between 1.9 and 4.9 m below grade.
Inferred Groundwater Flow Direction	Based on the observed topography in the vicinity of the Phase One Property, regional surface drainage (inferred shallow groundwater flow direction) appears to generally flow in a northern direction.
Underground Utilities	No evidence of underground utilities or services was observed at the Phase One Property during the Site reconnaissance. Based on previous environmental investigations underground hydro is present in the southwest corner of the Phase One ESA Property.

The figures provided in **Appendix A** include features and details in relation to the Phase One Study Area and the Phase One Property. In general, the figures illustrate the following (where applicable):

1. Road names and existing buildings and structures within the Phase One Study Area;
2. The location of water bodies within the Phase One Study Area;
3. The location of areas of natural significance within the Phase One Study Area;
4. Presence of drinking water wells at the Phase One Property, if present;
5. Property usage types on adjoining properties to the Phase One Property;
6. The location of current or former APECs on the Phase One Property and nearby properties;
7. The direction of assumed groundwater flow within the Phase One Property; and,
8. The approximate location of underground utilities or structures, if known.

7.0 CONCLUSIONS

7.1 IS A PHASE TWO ENVIRONMENTAL SITE ASSESSMENT REQUIRED BEFORE A RECORD OF SITE CONDITION IS SUBMITTED?

Based on the findings of the Phase One ESA, it is our opinion that a Phase Two ESA is required before a RSC is submitted. The scope of work associated with the Phase Two ESA should conform to the amended O.Reg.153/04. The Phase One and Two ESA reports will be used to support the filing of a RSC for the Phase One Property.

Prior to submitting the RSC, the maximum soil and groundwater contaminant concentrations must be either less than the current MOE generic standards or, alternatively, the risk-derived standards generated specifically for the Phase One Property.

7.2 CAN A RECORD OF SITE CONDITION BE SUBMITTED BASED ON THE PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE?

A RSC cannot be filed solely based on the findings of this Phase One ESA.

7.3 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Conclusions
June 27, 2014

limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

This report is limited by the following:

- the Phase One Property was assessed on April 22, 2013. Any changes to the property since April 22, 2013, have not been assessed.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

The site reconnaissance was completed by Jason Nagasawa, M.Sc., the preparation of this Phase One ESA report was completed by Ms. Brenda Cooke, M.Sc. (Eng.), while senior technical review of the report was provided by Ms. Jane Yaraskavitch, P.Eng., QP_{ESA}. Overall project management was overseen by Ms. Jill Peters-Dechman, P.Eng., QP_{ESA}. Credentials of these project team members are provided in **Appendix D**.

FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Conclusions
June 27, 2014

Respectfully submitted,

STANTEC CONSULTING LTD.



Brenda Thom, M.Sc. (Eng.)
Environmental Site Assessor
Tel: (613) 784-2226
Fax: (613) 722-2799
brenda.thom@stantec.com

Jane Yaraskavitch, M.Eng., P.Eng., QP_{ESA}
Senior Reviewer
Tel: (613) 738-6091
Fax: (613) 722-2799
jane.yaraskavitch@stantec.com

Jill Peters-Dechman, P.Eng., QP_{ESA}
Project Manager
Tel: (613) 738-6073
Fax: (613) 722-2799
jill.peters-dechman@stantec.com

The objectives and requirements set out in Ontario Regulation 153/04 for a Phase One Environmental Site Assessment were applied in carrying out the environmental site assessment and preparing this report, with the exception of the current legal survey signed and sealed by an Ontario Land Surveyor which has not been included. This legal survey will be included in the report when it is available.

BC/JAY/sy

Distribution: (1) Addressee (PDF via email)

V:\01225\active\1225106XX\122510670_City of Ottawa_Boteler Berm\Phase ONE ESA\rpt_phase_one_final_20140627.docx



FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

References
June 27, 2014

8.0 REFERENCES

Information sources obtained and reviewed as part of the records review are listed below.

Table 8-1: References

Reference Type/Source	Information/Documents Obtained
Aerial Photographs	<ul style="list-style-type: none"> Stantec Aerial Photography Collection: 1928, 1945, 1956, 1965, 1973 Google Earth: October 2004, April 2007, July 2007, October 2008 City of Ottawa eMaps website: 1965, 1976, 1991, 2011
Previous Environmental Reports	<ul style="list-style-type: none"> <i>Limited Phase I Environmental Site Assessment, King Edward Avenue and Sussex Drive Rights-of-Ways, Ottawa, Ontario</i>, prepared by Jacques Whitford Environment Limited, dated February 2001; <i>Draft Limited Phase II Environmental Site Assessment, King Edward Ave. Overpass Structures Over the Union Ave. to King Edward Ave. Ramp, Ottawa, Ontario</i>, prepared by Jacques Whitford Environment Limited, dated April 2004; <i>Draft Supplemental Phase II ESA, King Edward Avenue Right-of-way (Laurier Avenue East to Boteler Street) and Area of Structures North of King Edward Right-of-Way, Ottawa, Ontario</i>, prepared by Jacques Whitford Limited, dated October 26, 2004; <i>Modified Phase I Environmental Site Assessment, Boteler Street from Dalhousie Street to King Edward Avenue, Ottawa, Ontario</i>, prepared by Jacques Whitford Environment Limited, dated January 2006; <i>Limited Phase II Environmental Site Assessment, Boteler Street from Dalhousie Street to King Edward Avenue, Ottawa, ON</i>, prepared by Jacques Whitford Environment Limited, dated January 2006; <i>Soil Sampling Results, UAE Embassy, 125 Boteler Street, Ottawa, Ontario</i>, prepared by Trow Associates Inc, dated April 11, 2006; <i>Phase I Environmental Site Assessment, Vacant Land Parcels, Boteler Street, Parcel 1 and 2, Lot 7, RCP 611769, Ottawa, ON</i>, prepared by Stantec Consulting Ltd., dated April 26, 2013; and <i>Draft Report – Phase II Environmental Site Assessment, Vacant Land Parcels, Boteler Street, Parcel 1 and 2, Lot 7, RCP 611769, Ottawa, Ontario</i>, prepared by Stantec Consulting Ltd., dated May 10, 2013.
Company Records	None provided.
Geological and Geotechnical Reports	<ul style="list-style-type: none"> <i>Subgrade Investigation, Ottawa Approach to Proposed MacDonald-Cartier Bridge, Ottawa, Ontario</i>, prepared by H.Q. Golder & Associates Ltd., dated October, 1962; and <i>Geotechnical Inventory, King Edward Avenue, Ottawa, Ontario</i>, prepared by Jacques Whitford and Associates Limited, dated February 2001;
Regulatory Infractions	<ul style="list-style-type: none"> Requests were made to the MOE through the Freedom of Information and Privacy Protection Office for a search of their records regarding charges and/or convictions of the owners or tenants, or violations of applicable environmental regulations, issued against the Phase One Property. The ERIS report also included a search of the MOE Compliance and Convictions database (1989 to February 2013).

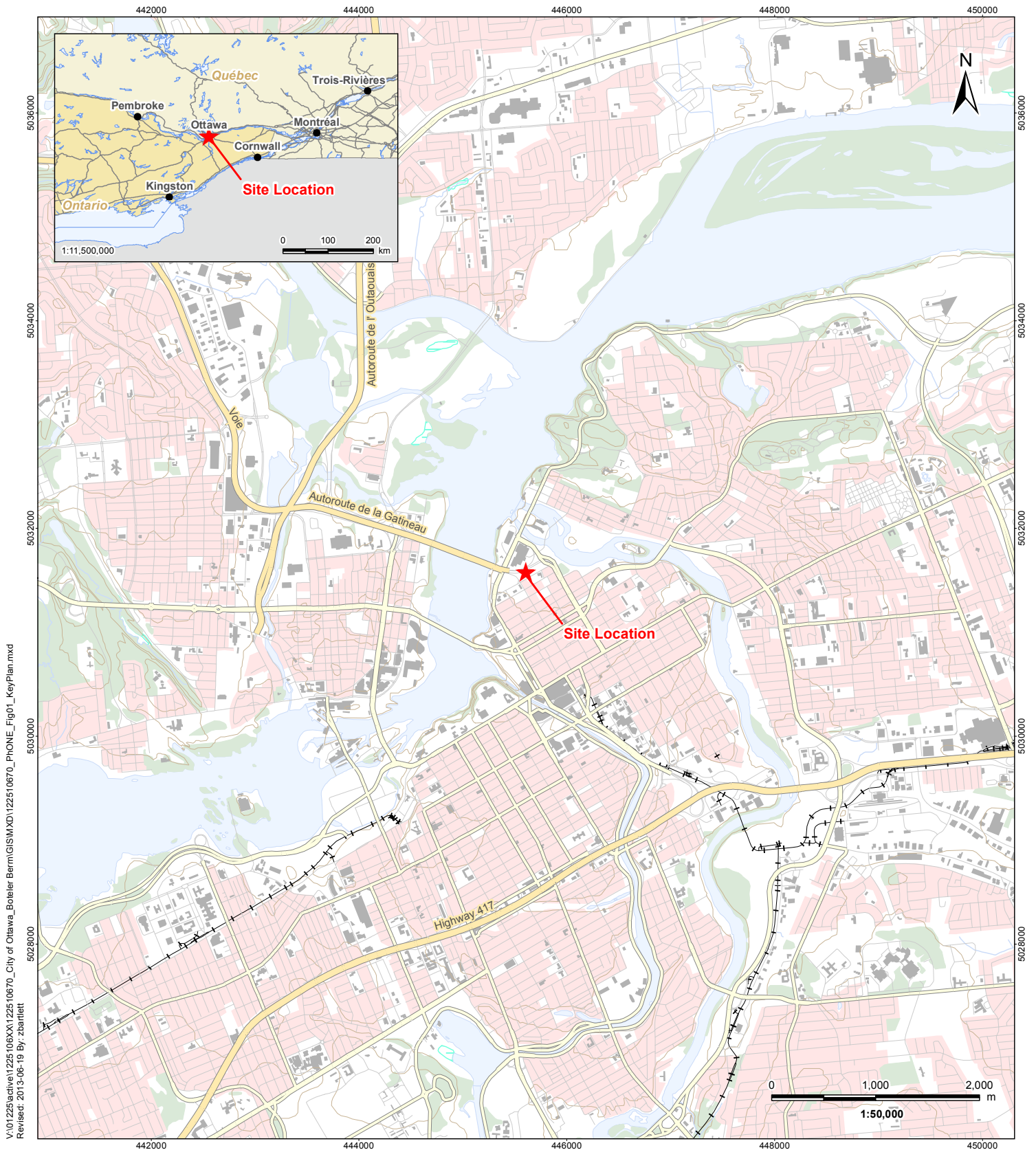
FINAL REPORT - PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

References
June 27, 2014

Reference Type/Source	Information/Documents Obtained
Reportable Spill Occurrences	<ul style="list-style-type: none"> • A request was made to the MOE's Spills Action Centre through the Freedom of Information and Privacy Protection Office for a search of their records of reportable spills occurring at the Phase One Property. • The ERIS report also included a search of the Ontario Spills database (1988 to August 2012).
Contaminated Sites	<ul style="list-style-type: none"> • MOE Brownfields Environmental Site Registry • The ERIS report included a search of the Federal Contaminated Sites Inventory (June 2000 to Jan 2013).
Hazardous Waste Generators	<ul style="list-style-type: none"> • MOE Hazardous Waste Information Network (HWIN) Registered Generator List • EcoLog ERIS – Ontario Regulation 347 Waste Generators Summary (1986 to Apr 2012)
Landfills	<ul style="list-style-type: none"> • EcoLog ERIS – Waste Disposal Sites (1970 to Mar 2013) • EcoLog ERIS – Anderson's Waste Disposal Sites (1860s to Present)
Technical Standards and Safety Authority	A request to the Technical Standards and Safety Authority (TSSA) was made for a search of their files regarding tank installations, fuelling facilities, outstanding instructions, incident reports, fuel oil spills and/or contamination records respecting the Site.
Water Well Records	EcoLog ERIS - Water Well Information System (1955 – 2011)
EcoLog ERIS	An ERIS report was purchased and consisted of a search of all available databases within a 250 m radius of the Phase One Property.
Topographic Maps	<ul style="list-style-type: none"> • City of Ottawa, Map 31 G/5, 1:50,000 – Natural Resources Canada; published in 1998.
Geologic Maps	<ul style="list-style-type: none"> • Energy, Mines and Resources Canada, 1967, Ottawa Map 1508A – Generalized Bedrock Geology of Ottawa-Hull • Energy, Mines and Resources Canada, 1982, Ottawa Map 1506A – Surficial Geology of Ottawa

Appendix A

SITE PLANS & CONCEPTUAL SITE MODEL



V:\01225\active\1225106\X1122510670_City of Ottawa_Boleler Berm\GIS\MXD\122510670_PHONE_Fig01_KeyPlan.mxd
 Revised: 2013-06-19 By: zbartlett



Legend
 ★ Site Location

Notes
 1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Department of Natural Resources. All rights reserved.
 3. Inset map features provided by Esri.

Client/Project
 City of Ottawa
 Parts 2, 4, 5, & 6 of Plan 4R-26468
 Part Lot 3 and Part Lot 7
 RCP 611769
 Boteler St, Ottawa, ON

Figure No.
 1

Title
Key Plan



June 2013
 Project No.: 122510670



V:\101225\active\122510670_City of Ottawa_Boteler Berm\GIS\MXD\122510670_PHONE_Fig02_StudyArea.mxd
Revised: 2013-06-27 By: zbartlett



Legend

-  Approximate Site Property Boundary
-  Phase One Study Area Boundary

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Airphoto: First Base Solutions, 2008.

Client/Project
 City of Ottawa
 Parts 2, 4, 5, & 6 of Plan 4R-26468
 Part Lot 3 and Part Lot 7
 RCP 611769
 Boteler St, Ottawa, ON

Figure No.
 2

Title
**Phase One
 Study Area**



V:\10229\active\122510670_City of Ottawa_Boteler Berm\GIS\MD\122510670_PHONE_Fig03_StudyAreaDetail.mxd
 Revised: 2013-06-28 By: zbartlett

June 2013
 Project No.: 122510670



Legend

- Borehole
- Monitoring Well
- Monitoring Well (decommissioned)
- Groundwater Flow Direction
- APEC
- Approximate Site Property Boundary

Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Airphoto: First Base Solutions, 2008.
3. Site Airphoto: City of Ottawa, 2013.

Client/Project
 City of Ottawa
 Parts 2, 4, 5, & 6 of Plan 4R-26468
 Part Lot 3 and Part Lot 7
 RCP 611769
 Boteler St, Ottawa, ON

Figure No.
3

Title
**Site Plan and
 Conceptual Site Model**

Appendix B
Site Reconnaissance Photographs
June 27, 2014

Appendix B

SITE RECONNAISSANCE PHOTOGRAPHS



Photo 1: Looking south. MW13-3 is visible in foreground, the United Arab Emirates Embassy on the right, and the Korean Embassy in the background (April 22, 2013).



Photo 2: Looking east along the southern property line showing MW13-1 in the background (April 22, 2013).



Photo 3: Looking northeast along the southern property line (April 22, 2013).



Photo 4: Soil berm present along the northern property line. 125 Sussex Avenue is visible in the background (April 22, 2013).



Photo 5: Looking north at the berm along the northern property line (April 22, 2013).



Photo 6: Looking southeast from the northern property line over the Phase One Property (April 22, 2013).



Photo 10: Looking west along southern property line. Condominiums and the Korean Embassy can be seen on the left side, and the United Arab Emirates in the background (April 22, 2013).



Photo 11: Looking east across King Edward Avenue at northeast corner of the Phase One Property (June 21, 2013).



Photo 12: Looking south along the east property line from the northeast corner of the Phase One Property (June 21, 2013).



Photo 13: Looking southwest across the Site from the northeast corner (June 21, 2013).



Photo 14: Looking west along northern property line from northeast corner (June 21, 2013).

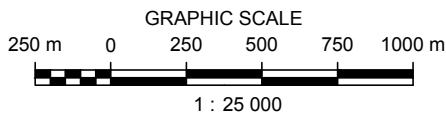
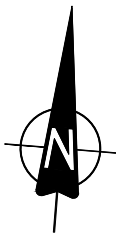
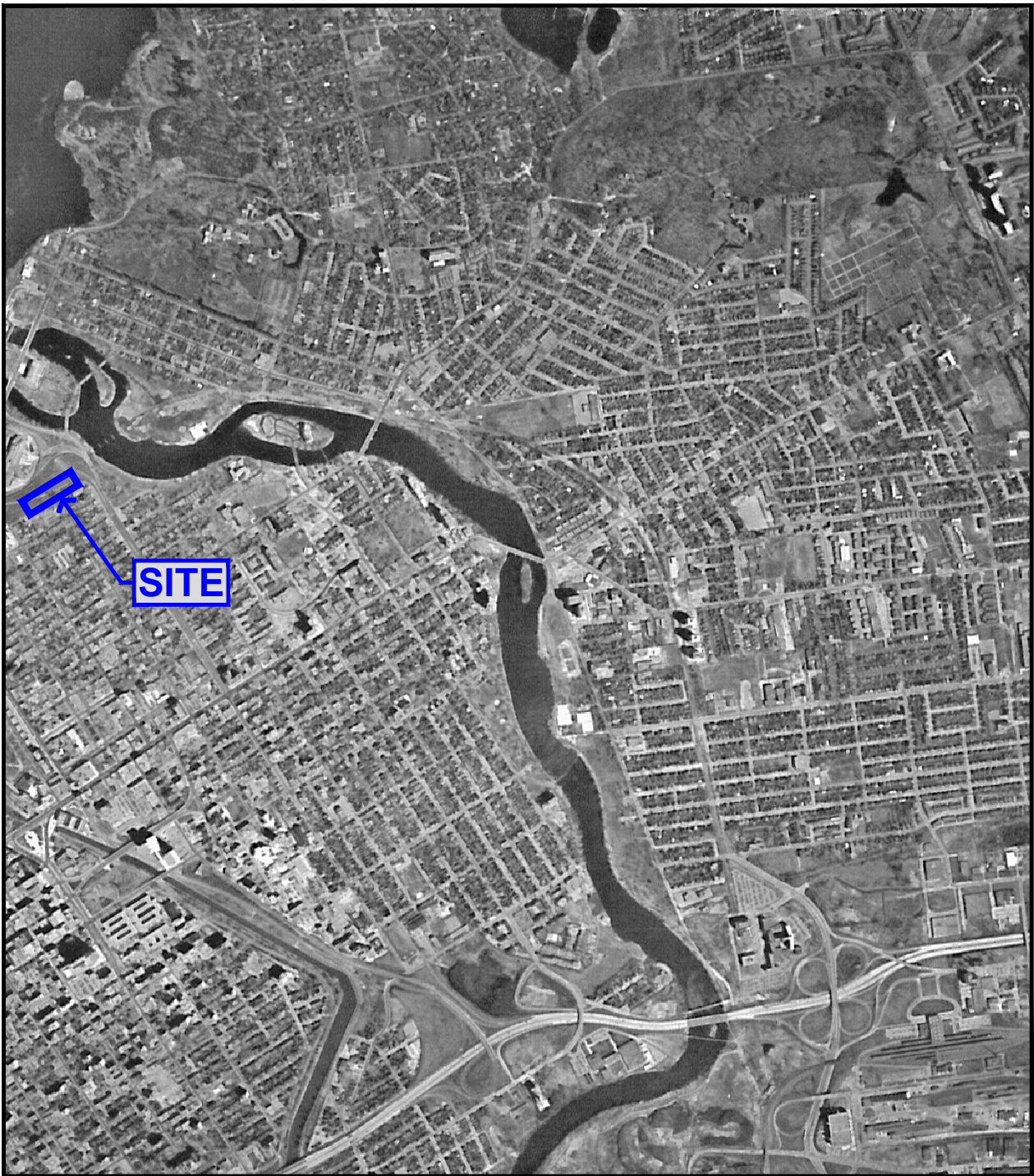


Photo 15: Looking west along southern property line from the southeast corner (June 21, 2013).

Appendix C
Aerial Photographs
June 27, 2014

Appendix C

AERIAL PHOTOGRAPHS



REFERENCE:

© HER MAJESTY THE QUEEN IN RIGHT OF CANADA,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

1973 AERIAL PHOTOGRAPH
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 187 BOTELER STREET, OTTAWA, ONTARIO

Job No.: 122510670

Scale: 1 : 25 000

Date: 13/06/27

Dwn. By: GBB

App'd By:

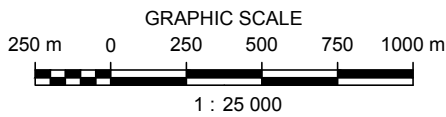
Dwg. No.:

4A



Stantec

Client: CITY OF OTTAWA



REFERENCE:

© HER MAJESTY THE QUEEN IN RIGHT OF CANADA,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

1965 AERIAL PHOTOGRAPH
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 187 BOTELER STREET, OTTAWA, ONTARIO

Job No.: 122510670

Scale: 1 : 25 000

Date: 13/06/27

Dwn. By: GBB

App'd By:

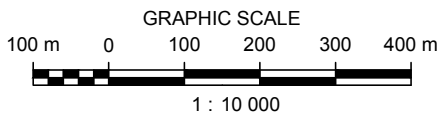
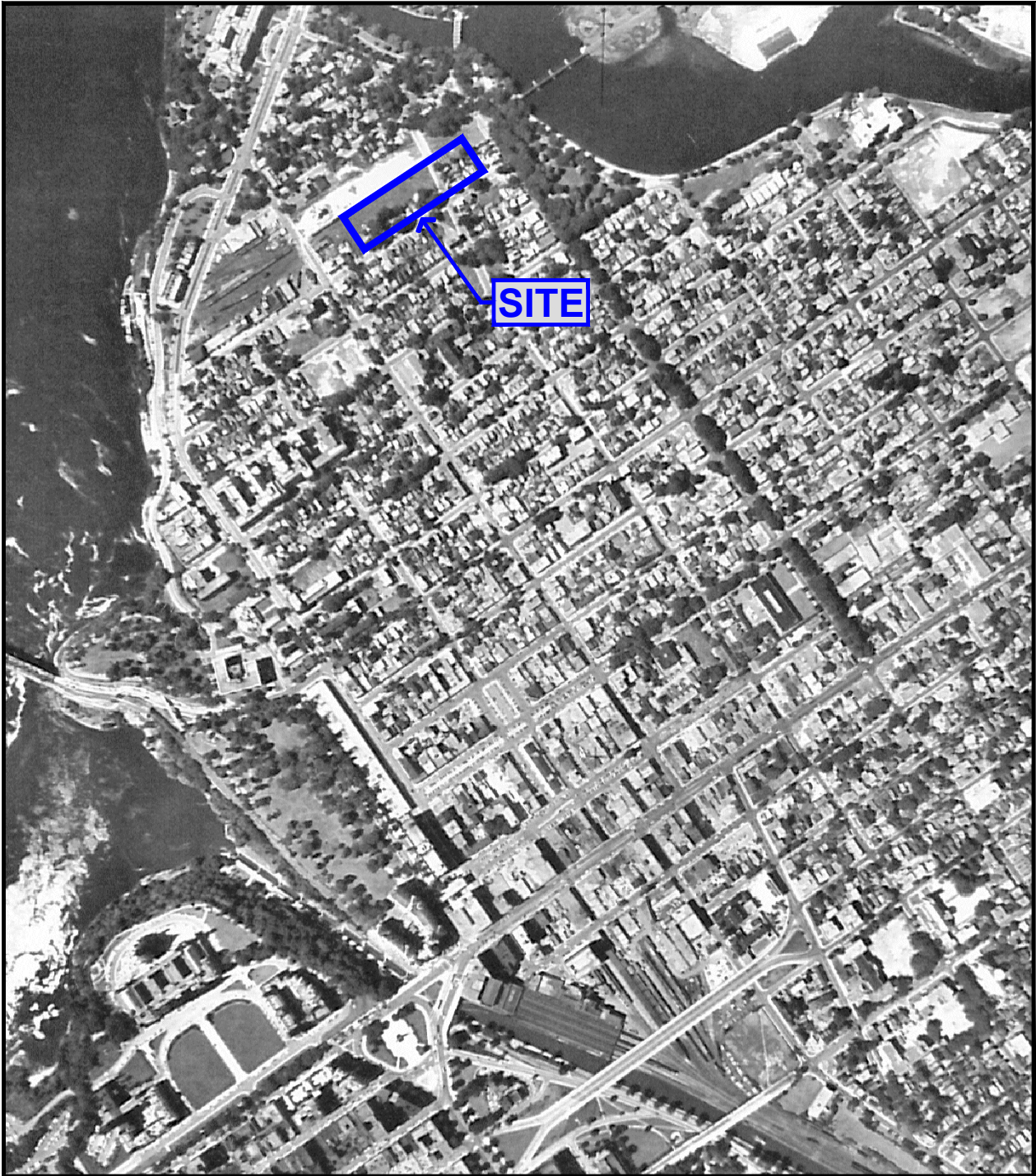
Dwg. No.:

4B



Stantec

Client: CITY OF OTTAWA



REFERENCE:

© HER MAJESTY THE QUEEN IN RIGHT OF CANADA,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

1956 AERIAL PHOTOGRAPH
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 187 BOTELER STREET, OTTAWA, ONTARIO

Job No.: 122510670

Scale: 1 : 10 000

Date: 13/06/27

Dwn. By: GBB

App'd By:

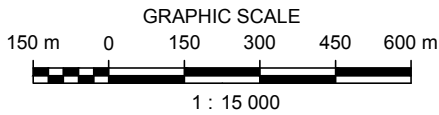
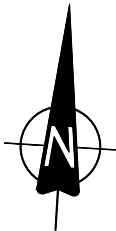
Dwg. No.:

4C



Stantec

Client: CITY OF OTTAWA



REFERENCE:

© HER MAJESTY THE QUEEN IN RIGHT OF CANADA,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

1945 AERIAL PHOTOGRAPH
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 187 BOTELER STREET, OTTAWA, ONTARIO

Job No.: 122510670

Scale: 1 : 15 000

Date: 13/06/27

Dwn. By: GBB

App'd By:

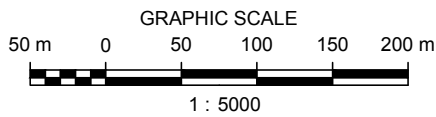
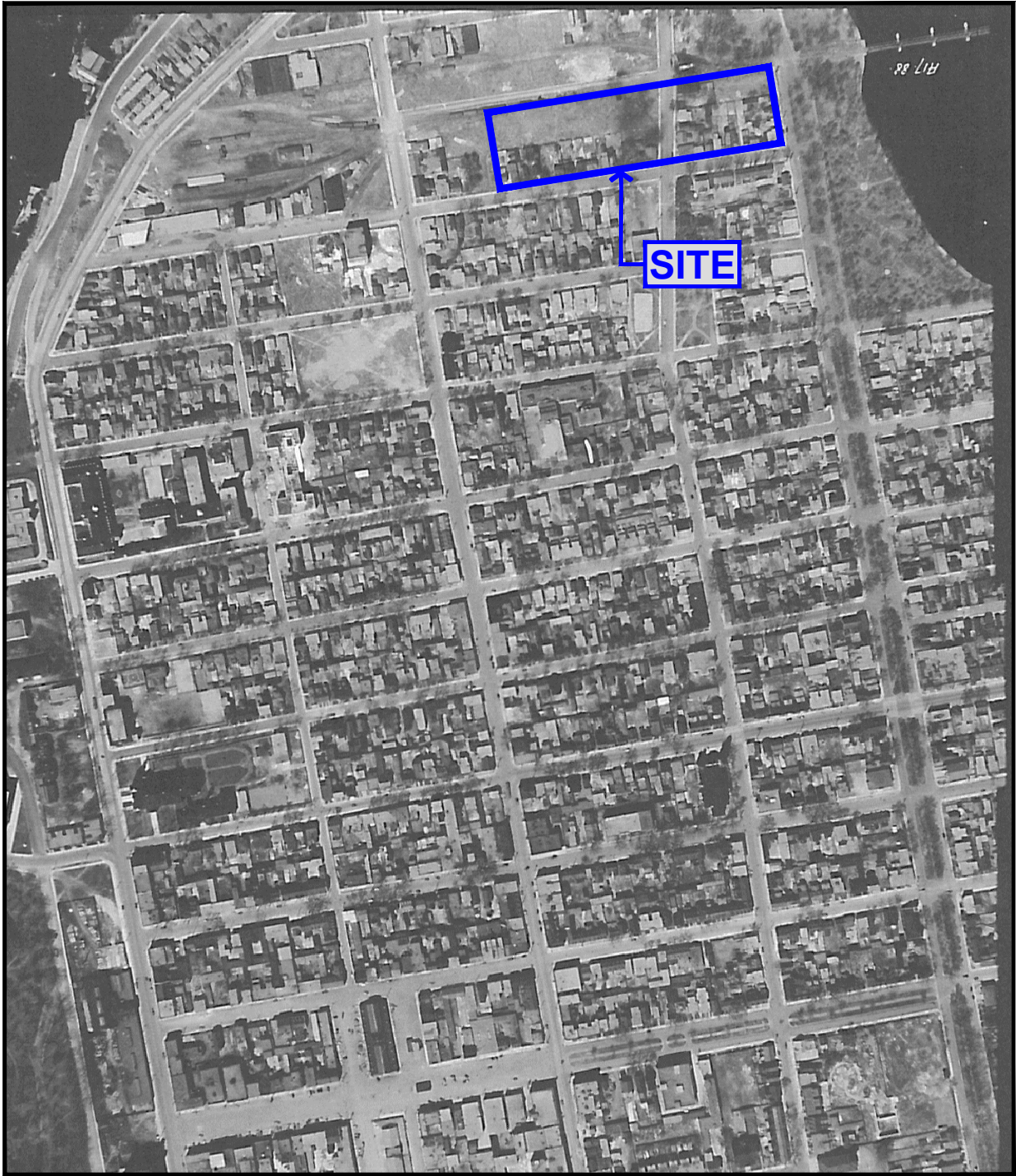
Dwg. No.:

4D



Stantec

Client: CITY OF OTTAWA



REFERENCE:

© HER MAJESTY THE QUEEN IN RIGHT OF CANADA,
DEPARTMENT OF ENERGY, MINES AND RESOURCES.

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

1928 AERIAL PHOTOGRAPH
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 187 BOTELER STREET, OTTAWA, ONTARIO

Job No.: 122510670

Scale: 1 : 5000

Date: 13/06/27

Dwn. By: GBB

App'd By:

Dwg. No.:

4E



Stantec

Client: CITY OF OTTAWA

Appendix D
Project Team Members
June 27, 2014

Appendix D

PROJECT TEAM MEMBERS

Jason M. Nagasawa, M.Sc.
Phase I Environmental Site Assessments



Profile

Jason M. Nagasawa has been working in the environmental assessment field since 2010. Since joining Stantec Inc, Mr. Nagasawa has conducted Phase I and II Environmental Site Assessments (ESAs) of residential and commercial properties for financial institutions, property developers, real estate investment trusts, and other clients.

EDUCATION

B.Sc. – University of Guelph
Biological Sciences, 2003

M.Sc. – University of Guelph
Land Resource Science, 2005

COMPETENCY

Site Visit

Report Writer



Profile

Brenda E. Cooke has been working in the environmental assessment field since 2007. Since joining Stantec Inc, Ms. Cooke has conducted Phase I and II Environmental Site Assessments (ESAs) of residential and commercial properties for financial institutions, property developers, real estate investment trusts, and other clients.

EDUCATION

B.Sc.Eng. – Queen’s University
Geological Engineering, 2005

M.Sc. (Eng.) – Queen’s University
Civil Engineering, 2008

COMPETENCY

Site Visit

Report Writer

Jane Yaraskavitch, M.Eng., P.Eng.
Senior Associate



Profile

Jane Yaraskavitch has been working in the area of Phase I Environmental Site Assessments (ESAs) since 1994. She is Stantec's Site Management and Remediation Regional Discipline Leader for Ontario. Ms. Yaraskavitch has completed and managed Phase I, II and III ESAs of residential, commercial, institutional, and industrial properties for financial institutions, property developers, insurance firms, real estate investments trusts, municipal/provincial/federal government agencies, and others. Jane has been licensed as a Professional Engineer in Ontario since 1994.

EDUCATION

M.Eng. – University of Toronto, 1993
Toronto, ON
Environmental Engineering

B.A.Sc. – University of Waterloo, 1990
Waterloo, ON
Chemical Engineering

COMPENTENCY

Site Visit
Report Writer
Senior Reviewer

JILL PETERS DECHMAN, P.ENG
Senior Environmental Engineer/Project Manager

Ottawa ON K1B 1A7
Ph: (613) 738-0708
Fx: (613) 738-0721
jill.peters-dechman@stantec.com
stantec.com



Ms. Peters Dechman is a Senior Environmental Engineer and Project Manager at Stantec Consulting Ltd. Ottawa office. Ms. Peters Dechman has approximately 13 years of environmental engineering consulting experience. She is responsible for both the management, completion, and senior technical review of Phase I, Phase II, and Phase III Environmental Site Assessments (ESAs). Ms. Peters Dechman has completed and managed Phase I, II and III ESAs for a variety of types of properties (i.e., residential, commercial, institutional, and industrial properties) for a variety of proponents (i.e., financial institutions, property developers, insurance firms, real estate investments trusts, municipal/provincial/federal government agencies, and others). Ms. Peters Dechman is a licensed Professional Engineer in the Provinces of Ontario and Manitoba and a Qualified Person under the Ontario Ministry of the Environment Site Registry.

EDUCATION

B.Eng. – Carleton University, 2000
Ottawa, ON
Environmental Engineering

COMPETENCY

Site Visit
Report Writer
Senior Reviewer

Appendix E

SUPPORTING DOCUMENTATION

Environmentally Sensitive Areas Checklist- O.Reg.153/04, as amended, S. 41

Location: 187 Boteler Street, Ottawa

Date: June 19, 2013

Project No.: 122510670

SECTION 1. Is the property within an area of natural significance¹? That is, is the area;	No	Yes	Possible
i. An area reserved or set apart as a provincial park or conservation reserve under the <i>Provincial Parks and Conservation Reserves Act, 2006</i> ;	x		
ii. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources (MNR) as having provincial significance;	x		
iii. A wetland identified by the MNR as having provincial significance;	x		
iv. An area designated by a municipality in its official plan as environmentally significant, however expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant;	x		
v. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the <i>Niagara Escarpment Planning and Development Act</i> ;	x		
vi. An area identified by the MNR as significant habitat of a threatened or endangered species;			x
vii. An area which is habitat of a species that is classified under section 7 of the <i>Endangered Species Act (ESA), 2007</i> as a threatened or endangered species (<i>If yes, an ESA permit may be required</i>);			x
viii. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the <i>Oak Ridges Moraine Conservation Act, 2001</i> applies; or,	x		
ix. An area set apart as a wilderness area under the <i>Wilderness Areas Act</i> .	x		
SECTION 2. Does the area include, or is it adjacent to, an area of natural significance or part of such an area (as described in Section 1 above)?			x
SECTION 3. Does the area include land that is within 30 metres of an area of natural significance or part of such an area (as described in Section 1 above)?			x

If yes to any of parameters listed above, the MNR, CA or Municipality may need to be consulted for further direction.

Is the site within the conservation authority regulated area boundary? <i>If yes, an Application for Development, Interference with Wetlands & Alterations to Shorelines & Watercourses Permit may be required.</i>	N/A
Sensitive Site Checklist Completed by (print/sign):	

General Conclusion	No	Yes
Based on the desktop search described above, the intrusive investigation may go ahead as planned.		

Conclusion	No	Yes
Based on the desktop search described above, the O.Reg.153/04 Table 1 Full Depth Background Site Condition Standards shall be applied to the Contaminants of Concern at the Site.		

Further information to be reviewed (must be completed as part of initial site visit)	No	Yes
Is access readily available to the site?		
If no, is tree removal required?		
If tree removal is required, is a tree cutting permit required from the County or Municipality		

¹Area of natural significance as per PART I DEFINITIONS, INTERPRETATION AND APPLICATION of O.Reg 553/04, as amended

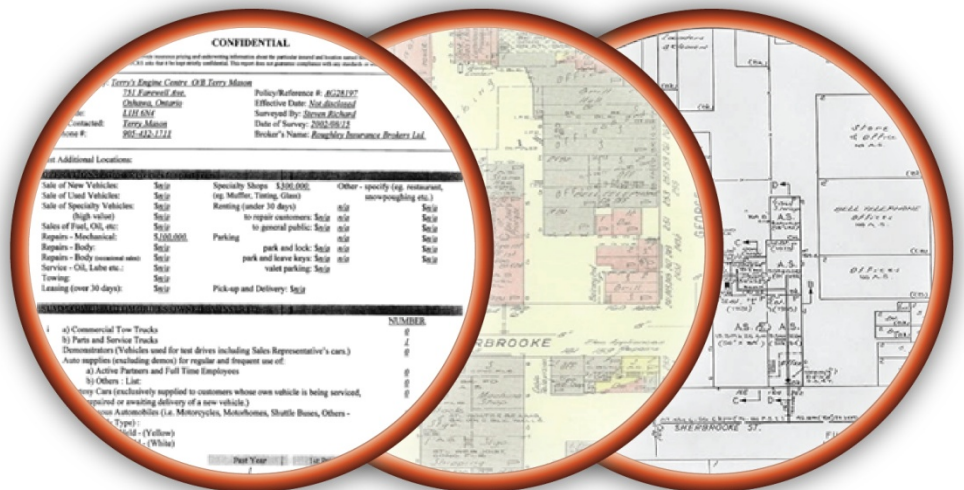
Notes:

- Sources of information for Sections 1-3 include but are not limited to the following;
- Natural Heritage Information Centre Biodiversity Explorer <https://www.biodiversityexplorer.mnr.gov.on.ca/nhicWEB/mainSubmit.do>
 - Municipal information sources: Official Plans and Zoning By-Laws
 - Oak Ridges Moraine Conservation Plan - <http://www.mah.gov.on.ca/PageFactory.aspx?PageID=322>
 - *Endangered Species Act, 2007*

Reviewed by Project Manager (print/sign):

HEIRS™

Historical Environmental Information Reporting System



An **SCM** Company

150 Commerce Valley Drive W
8th Floor
Markham, Ontario L3T 7Z3
T: 905-882-6300
www.optaintel.ca

Report Completed By:
Niruja Shanmuganathan

Site Address:
Boteler Street
Ottawa, Ontario

Project No:
2013040414

Opta ID No:
2013040414

Requested by:
Eleanor Goolab
Ecolog ERIS

Date Completed:
April 15, 2013

Opta HEIRS
ALL RIGHTS RESERVED
PO#2013040414

Opta Environmental Services

Historical Environmental Information Reporting System (HEIRS™)

April 15, 2013

Eleanor Goolab
Ecolog ERIS
80 Valleybrook Drive
North York, Ontario
M3B 2S9

Dear Eleanor,

Re: **Your Site Address: "Boteler Street, Ottawa, Ontario"**
Project No.: 20130404014
Opta Environmental Services Order ID: 20130404014

We are pleased to present our search results for "Boteler Street, Ottawa, Ontario" in the table below.

Information	Year	Comment	Cost Prior to HST
Research Fee		\$50.00 flat research fee per street address.	\$50.00
Fire Insurance Plans (FIPs)	1956, 1922, 1915, 1912, 1901, 1895, 1878 FIPs provided according to map attached to request.	\$100.00 for each Fire Insurance Plan.	\$700.00
Insurance Report(s)	No Insurance Reports were found in the Opta databases.	\$55.00 for each Insurance Report.	
Site Plan(s)	No Site Plans were found in the Opta databases.	\$70.00 for small Site Plans. \$105.00 for large Site Plans.	
Total			\$750.00

The total cost for this report is \$750.00 plus HST. Please see the Terms and Conditions for our search on page two of this report.

Thank you for employing the services of Opta Information Intelligence.

Regards,

Niruja Shanmuganathan
Opta Environmental Services



150 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 905.882.6300
Toll Free: 1.800.268.8080
F: 905.695.6543

An **SCM** Company
www.optaintel.ca

Opta HEIRS
ALL RIGHTS RESERVED
PO#20130404014

Opta Environmental Services Historical Environmental Information Reporting System (HEIRS™) Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

SEE SHEET 220

Ottawa River



76A Steep Cliffs

FRANCISCAN MONASTERY
41-45

METCALFE SQUARE

METCALFE SQUARE

REDPATH

LADY GREY DRIVE

SUSSEX DRIVE

2eBt. 1 Off. P
A" BK. ON 8" C. BLK.
GAMBLE & ROBINSON LTD.
Fruite Vegetable Whse.
Shipping

79

80B M.C. Stage M.C. Off. P
PARFIELD OILS LTD.

BLK. No 79
80

217A 1 P
C.R.R. Freight Off.

213C 1/2 CBLK P
Auto

80

RITCHIE FEED & SEED CO.
Flour Whse. CBLK P
M.C.

W.D. L. ABC Bins over MILLS FLRS
Grist Mill STEEL BEAMS & COLUMNS CONC. 5 1/2 MI 528 ft. M

2 M.C. Flour Whse P

ZELKOVITZ BAOS LTD
Cold Stge Whse
Auto 2 M.C.P. 2

HARE EQUIPMENT LTD.
Contractor Whse
M.C. 29 CONC. 15'

THE LAKE OF THE WOOD MILLING CO. LTD. 27
MILL FLRS.

BOTELER

PARENT AVE.

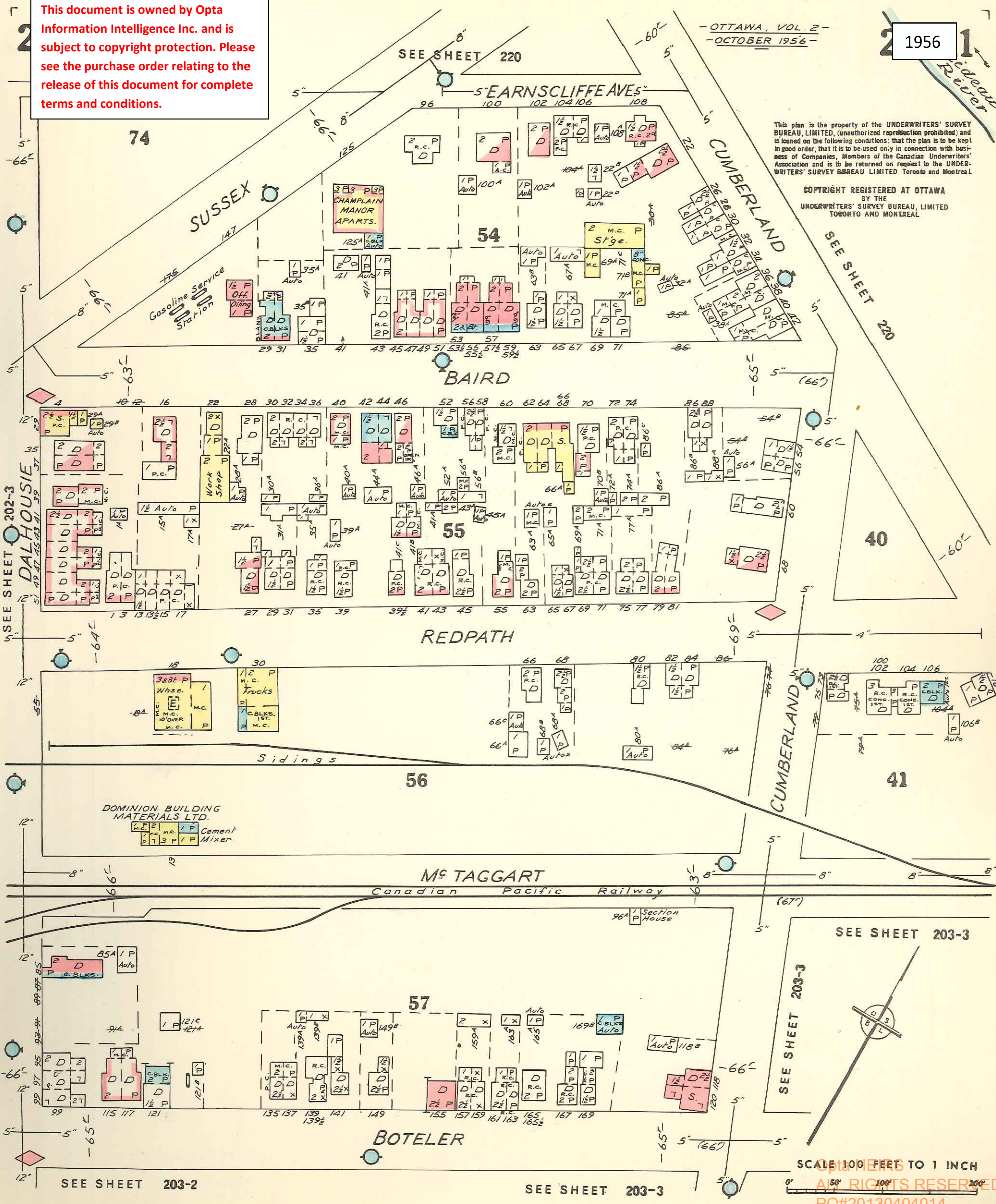
SEE SHEET 202-2

SEE SHEET 203-2

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

- OTTAWA, VOL. 2 -
- OCTOBER 1956 -

1956



This plan is the property of the UNDERWRITERS' SURVEY BUREAU, LIMITED. (unauthorized reproduction prohibited) and is loaned on the following conditions: that the plan is to be kept in good order, that it is to be used only in connection with business of Companies, Members of the Canadian Underwriters' Association and is to be returned on request to the UNDERWRITERS' SURVEY BUREAU LIMITED Toronto and Montreal.

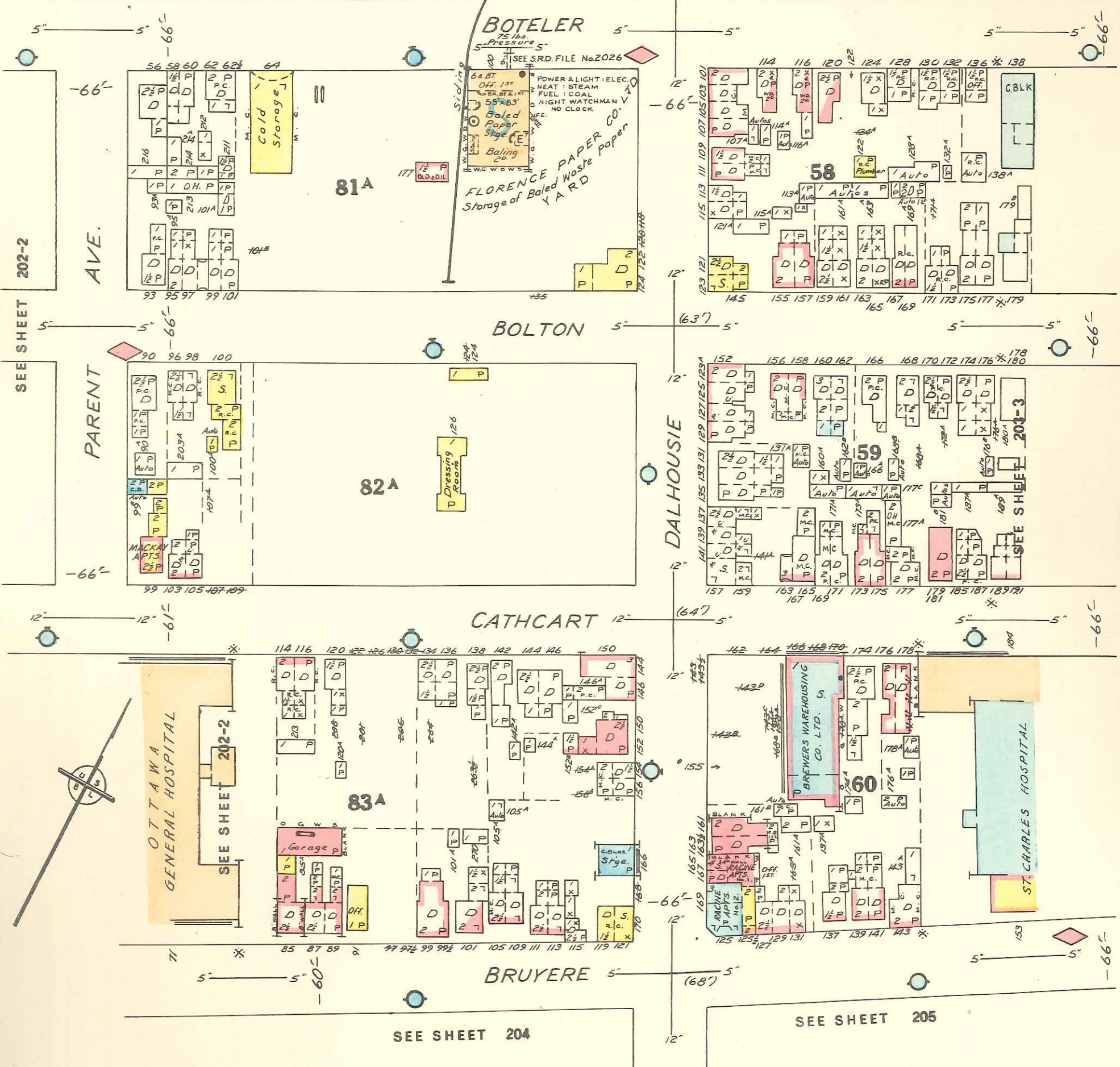
COPYRIGHT REGISTERED AT OTTAWA BY THE UNDERWRITERS' SURVEY BUREAU, LIMITED TORONTO AND MONTREAL

SCALE 100 FEET TO 1 INCH
ALL RIGHTS RESERVED
PO#20130404014

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

SEE SHEET 202-3

SEE SHEET 203-1



SEE SHEET 202-2

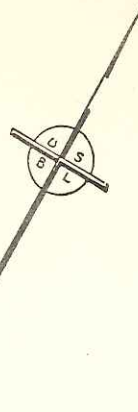
SEE SHEET 203-3

SEE SHEET 202-2

SEE SHEET 204

SEE SHEET 205

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



SEE SHEET 203-1

SEE SHEET 203-1

BOTELER (66)

Mc TAGGART

BOLTON (63)

CUMBERLAND

44A

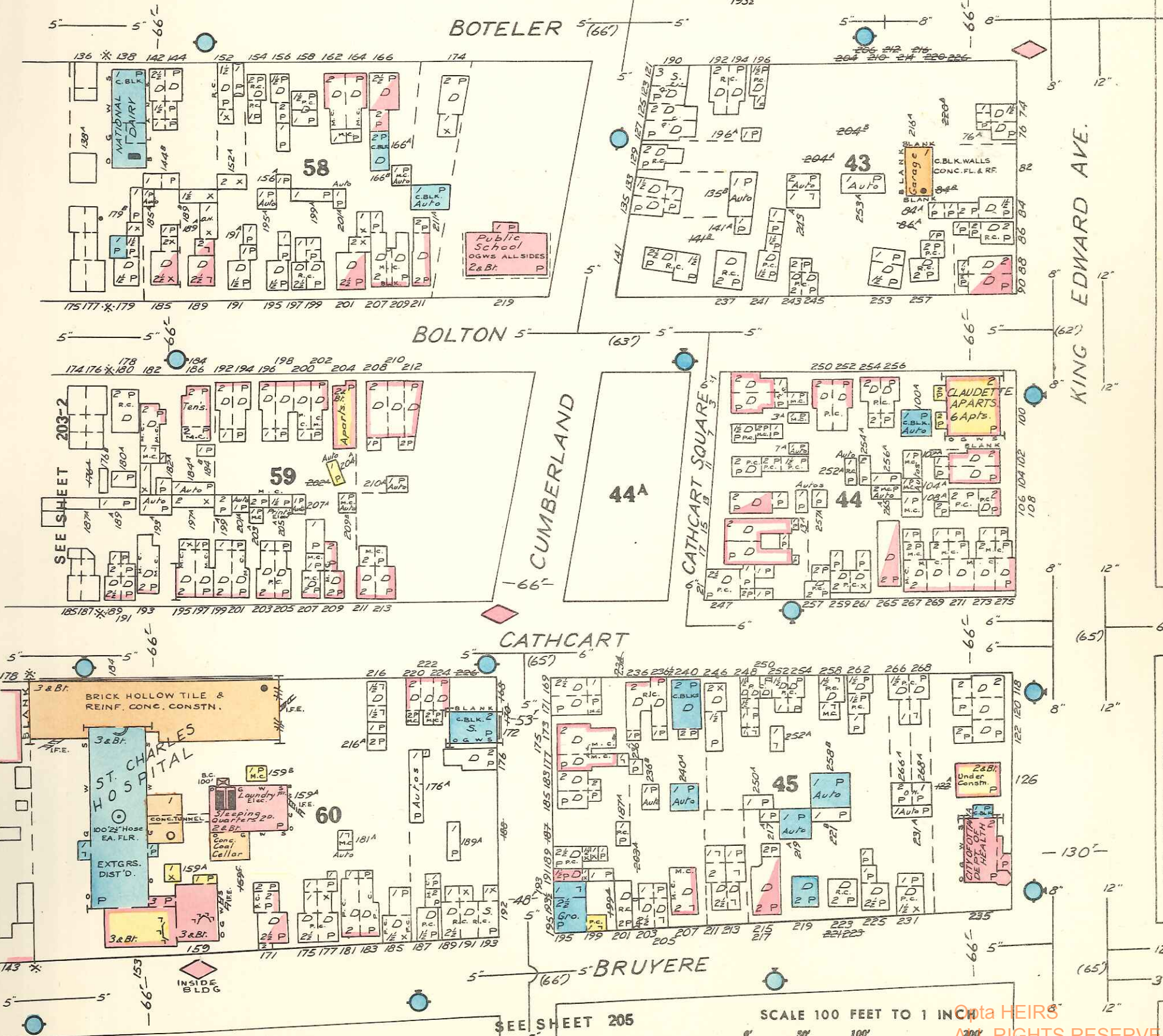
CATHCART

CATHCART SQUARE

BRUYERE (66)

SCALE 100 FEET TO 1 INCH

Opta HEIRS ALL RIGHTS RESERVED PO#2013040414



SEE SHEET 212-5

SEE SHEET 205



MILL YARD
Gatineau Co. Ltd.

FIRE LIMIT "B"

EARNSCLIFFE AVE.

CUMBERLAND

LADY GREY RD

BAIRD

SUSSEX

REDPATH

STATION
Depot
Grounds

McTAGGART

BOTELIER

BOLTON

GATHCART

HOUSEIE

CUMBERLAND

81B

81A

58

43

82B

19

A PLAY GROUNDS
CITY COMMUNITY

59 15

44

GREY NUNS CONVENT

83 83A
GENERAL HOSPITAL

ST. CHARLES HOSPITAL

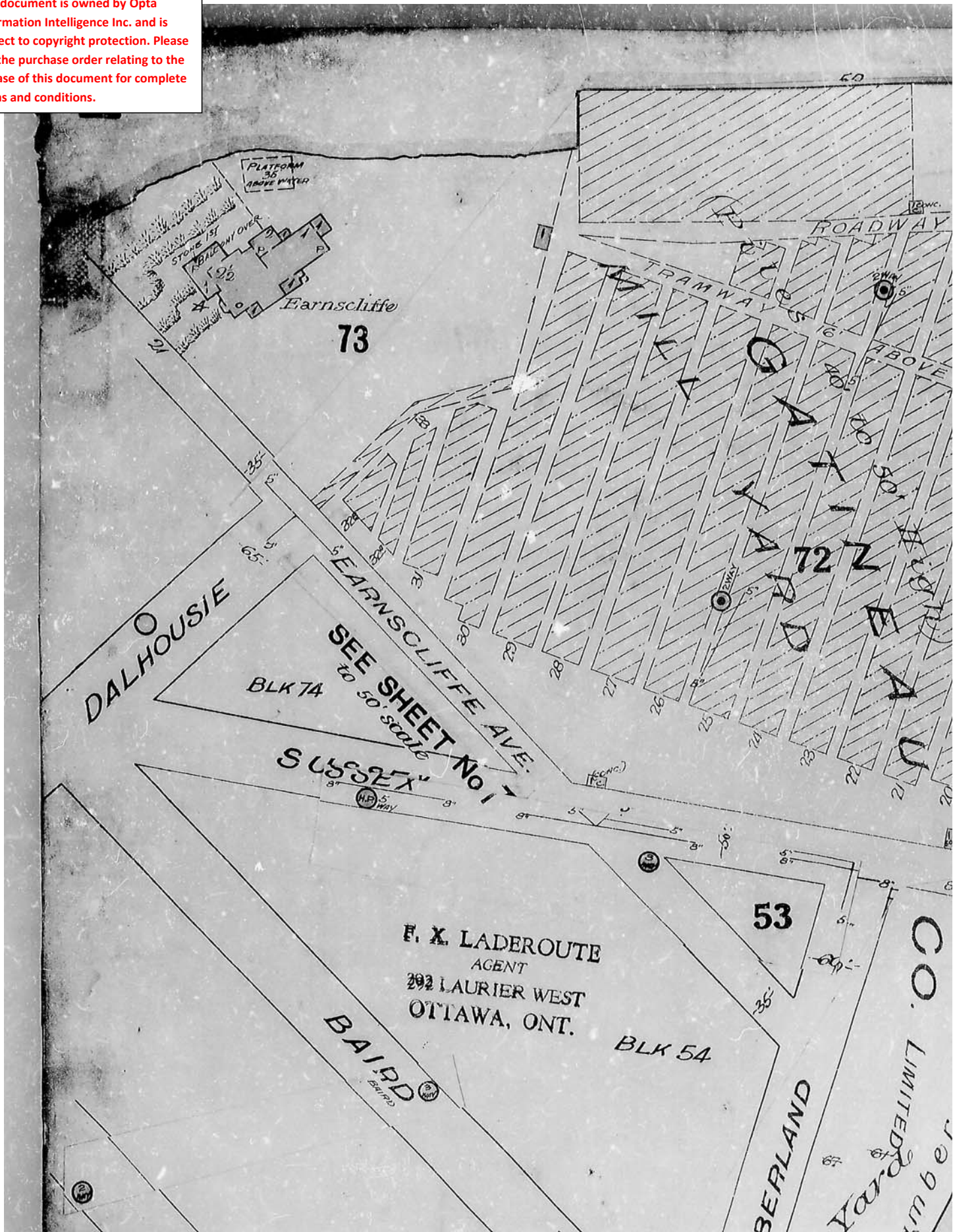
FIRE STATION No. 5

ALL RIGHTS RESERVED

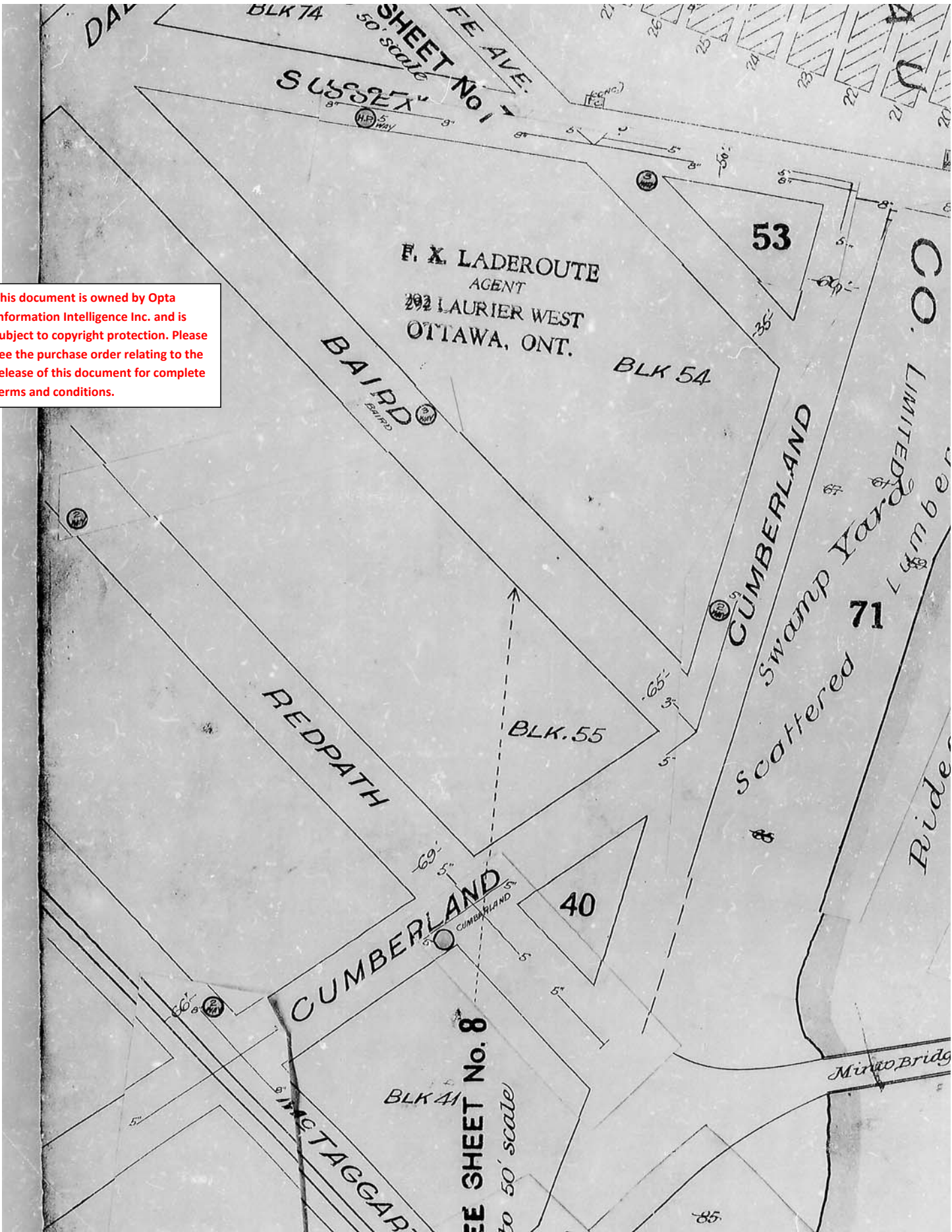
13040401

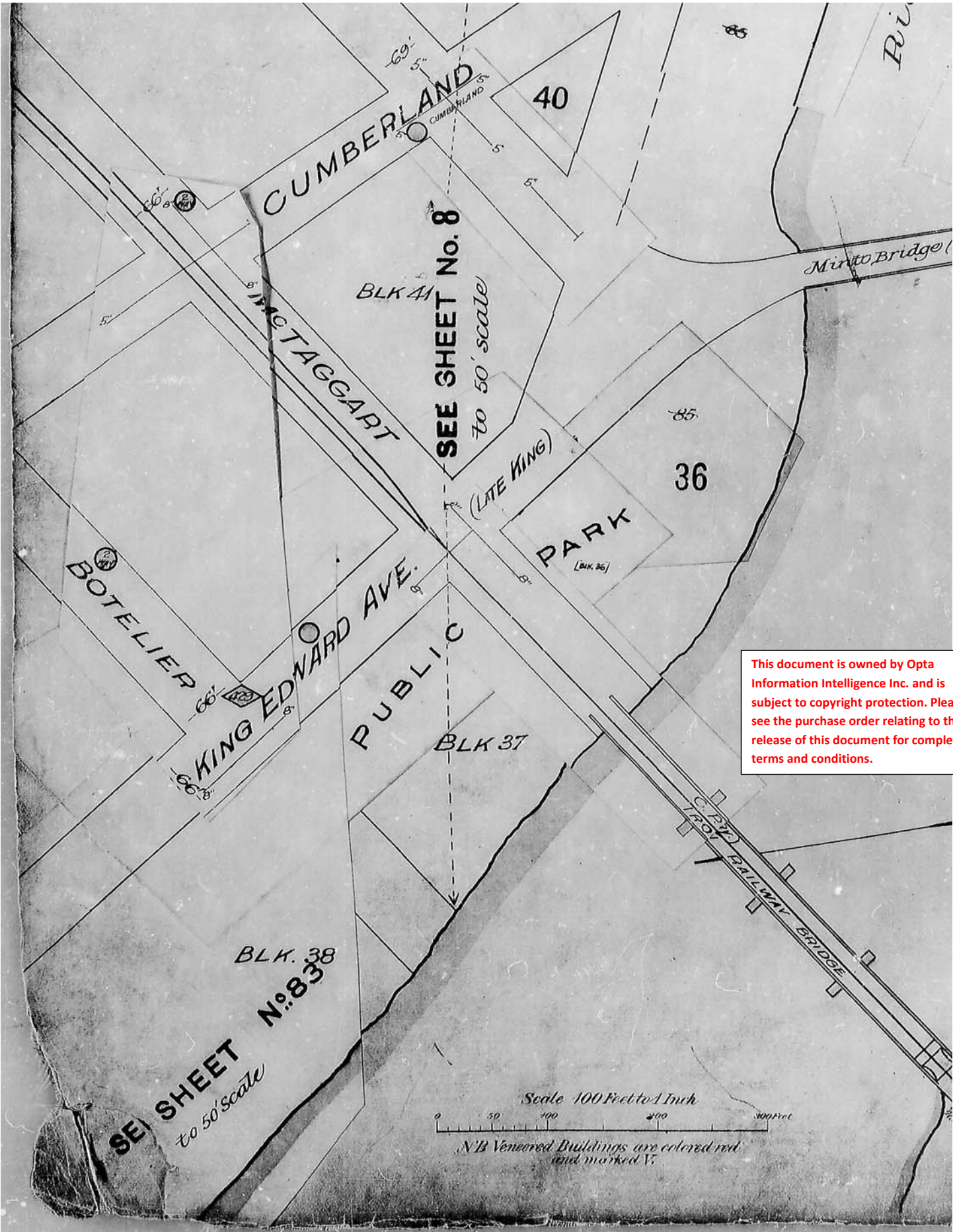
WATER

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

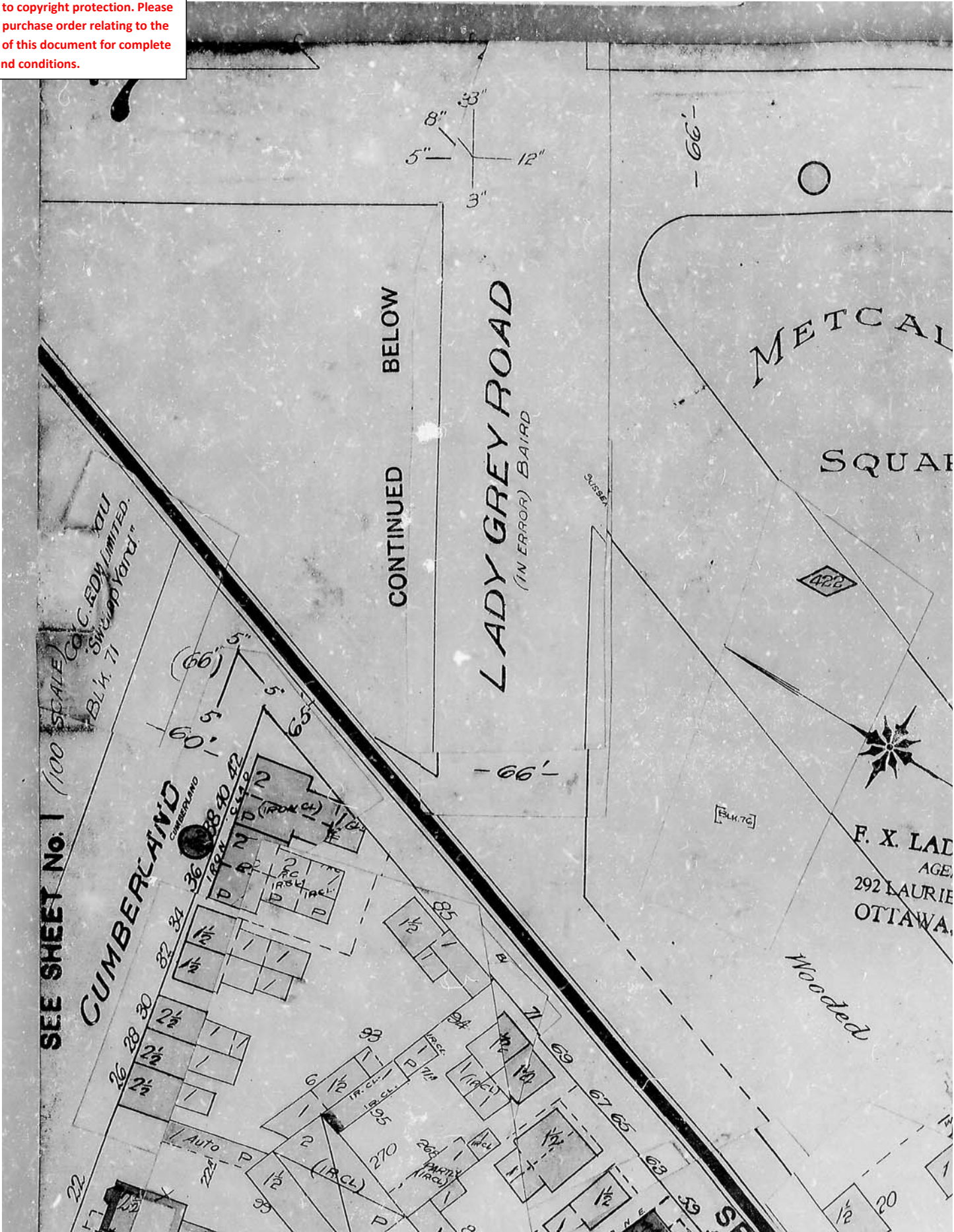


This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

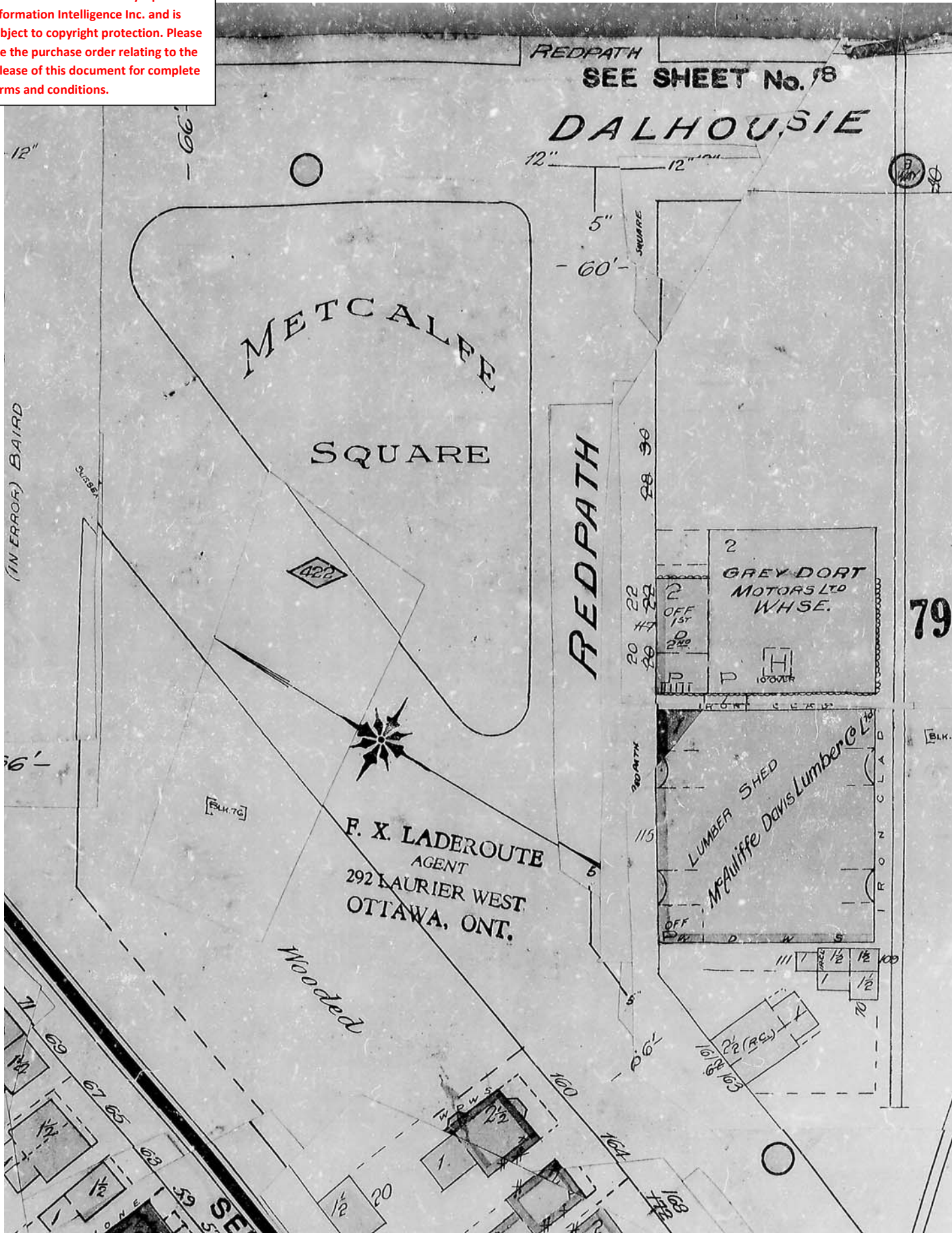




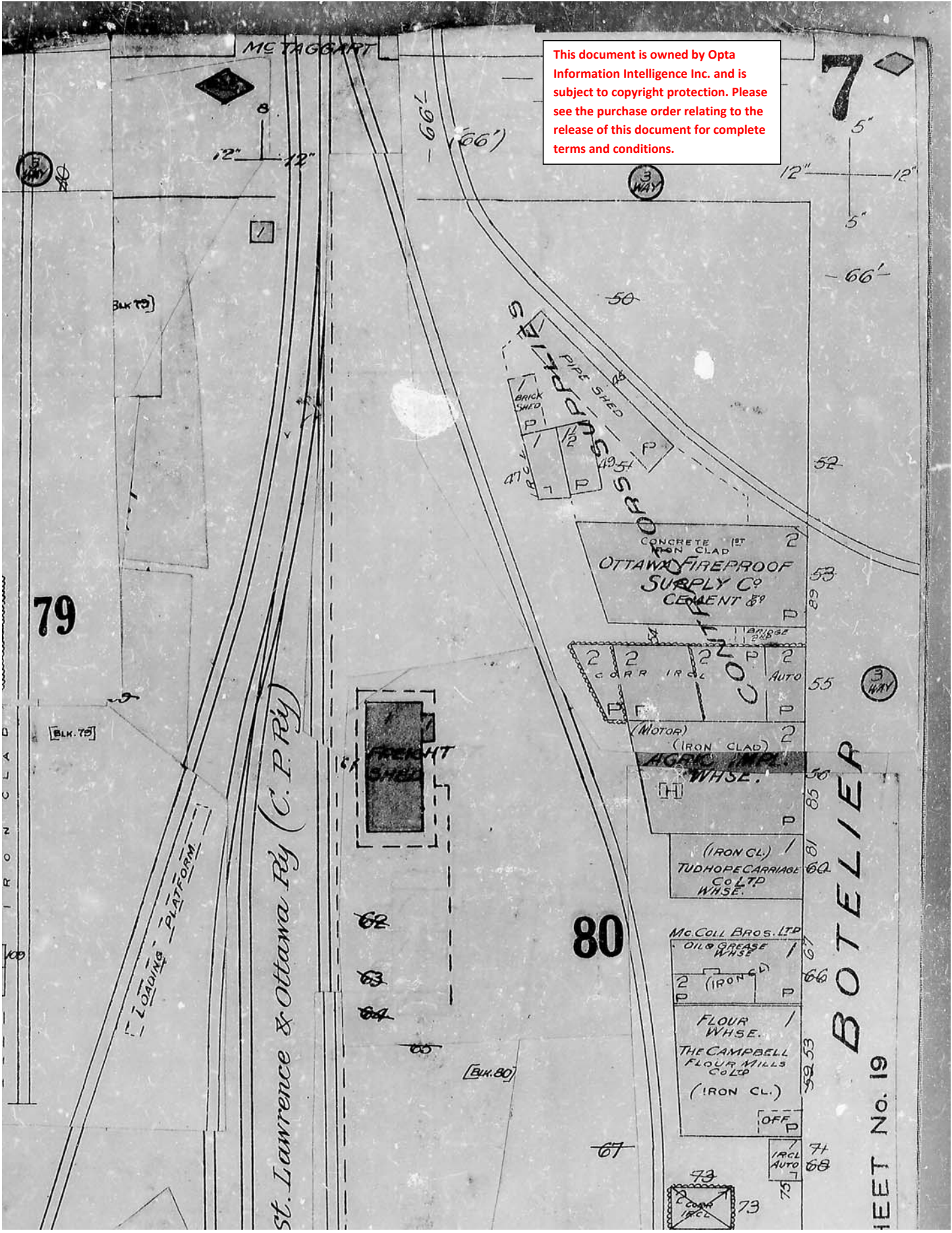
This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

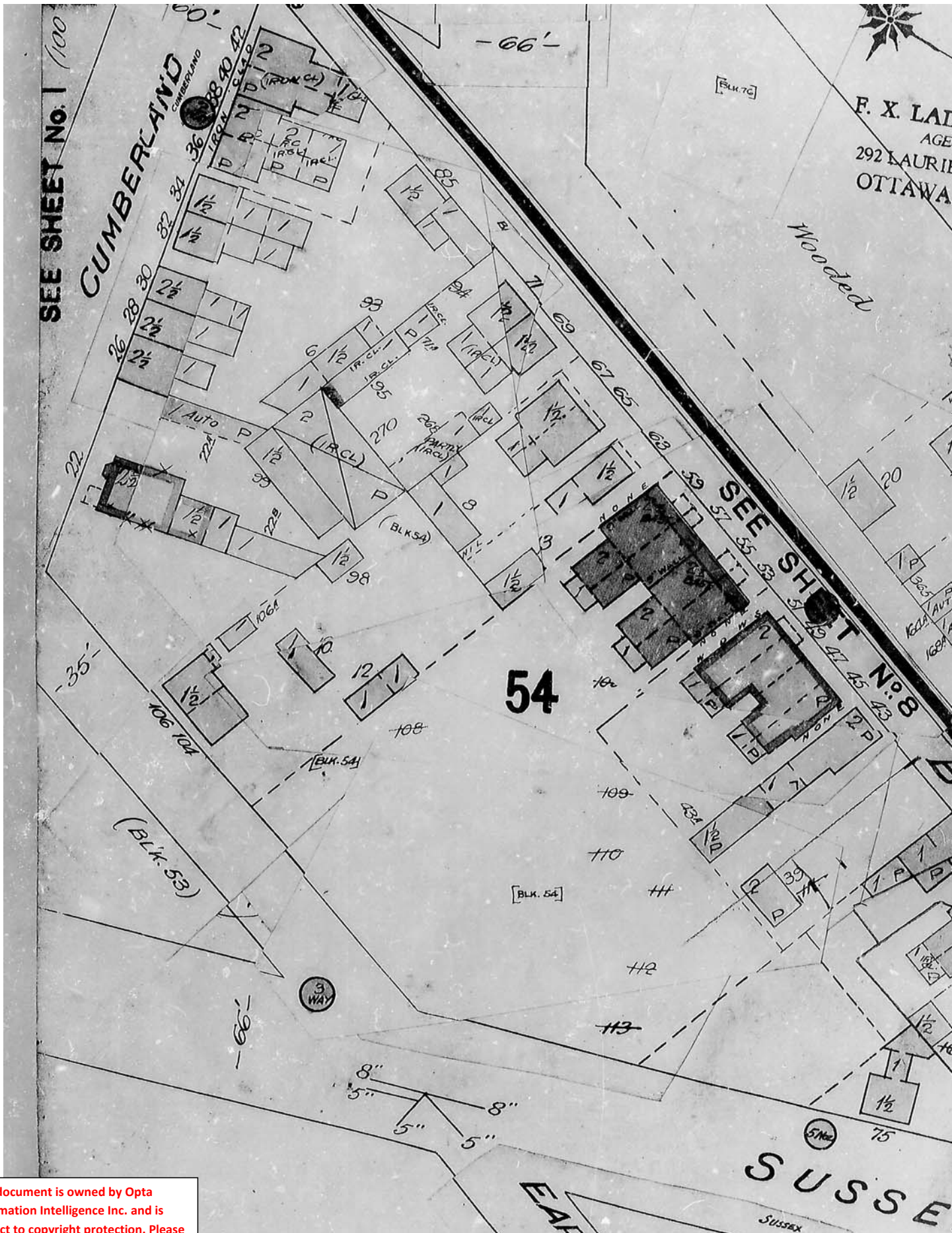


This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.





F. X. LAD
 AGENT
 292 LAURIE
 OTTAWA

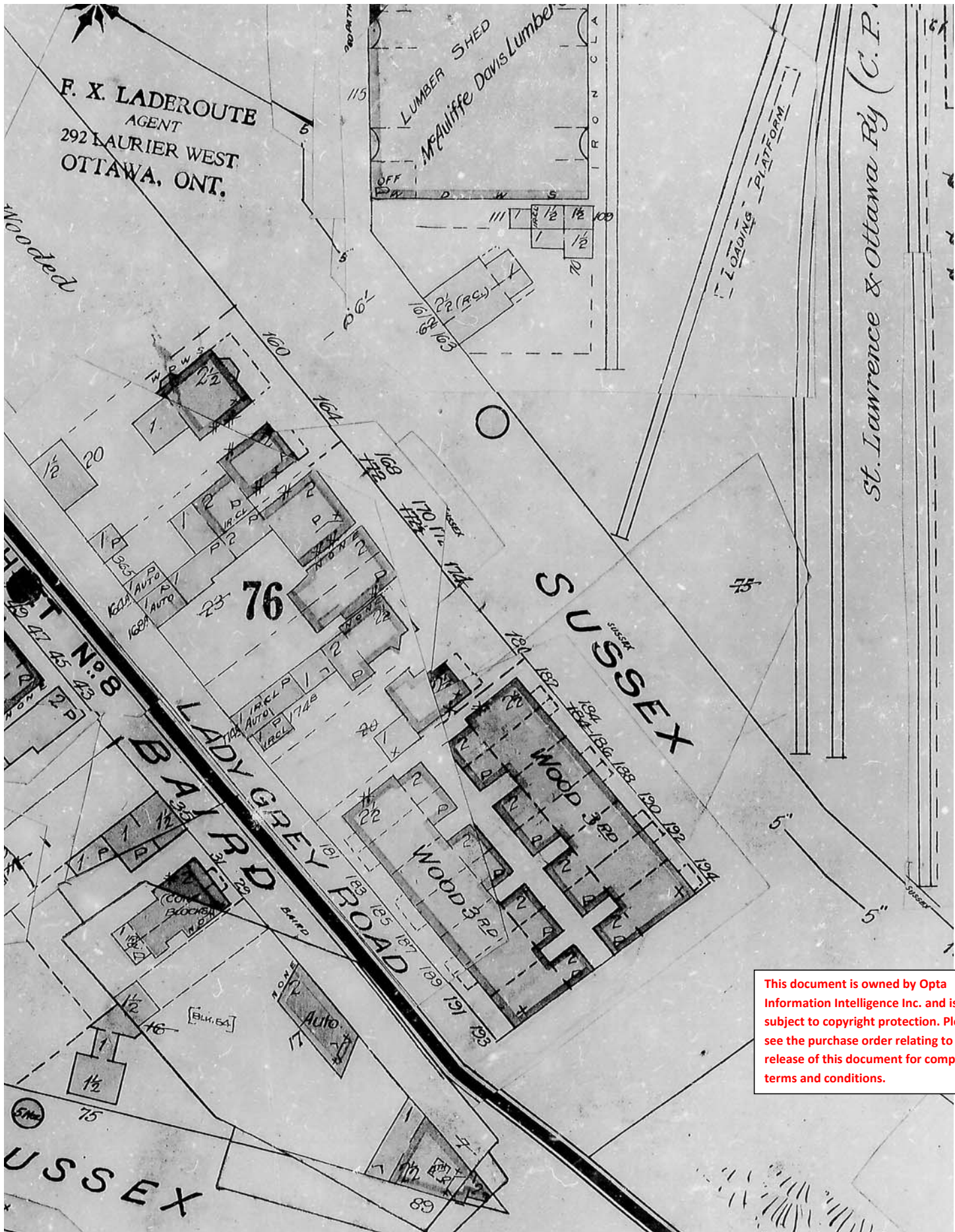
Wooded

SEE SHOT No. 8

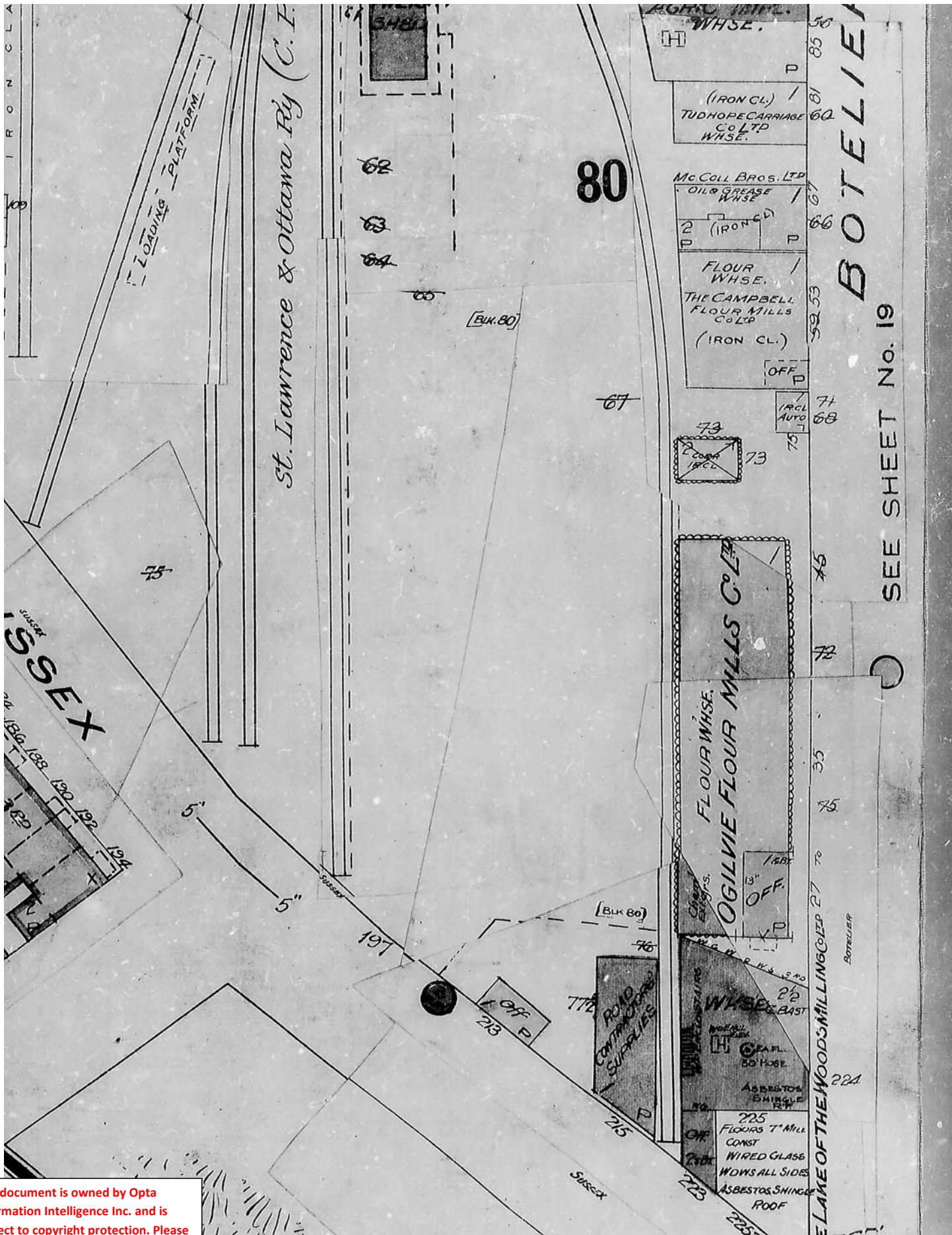
54

SUSSEX

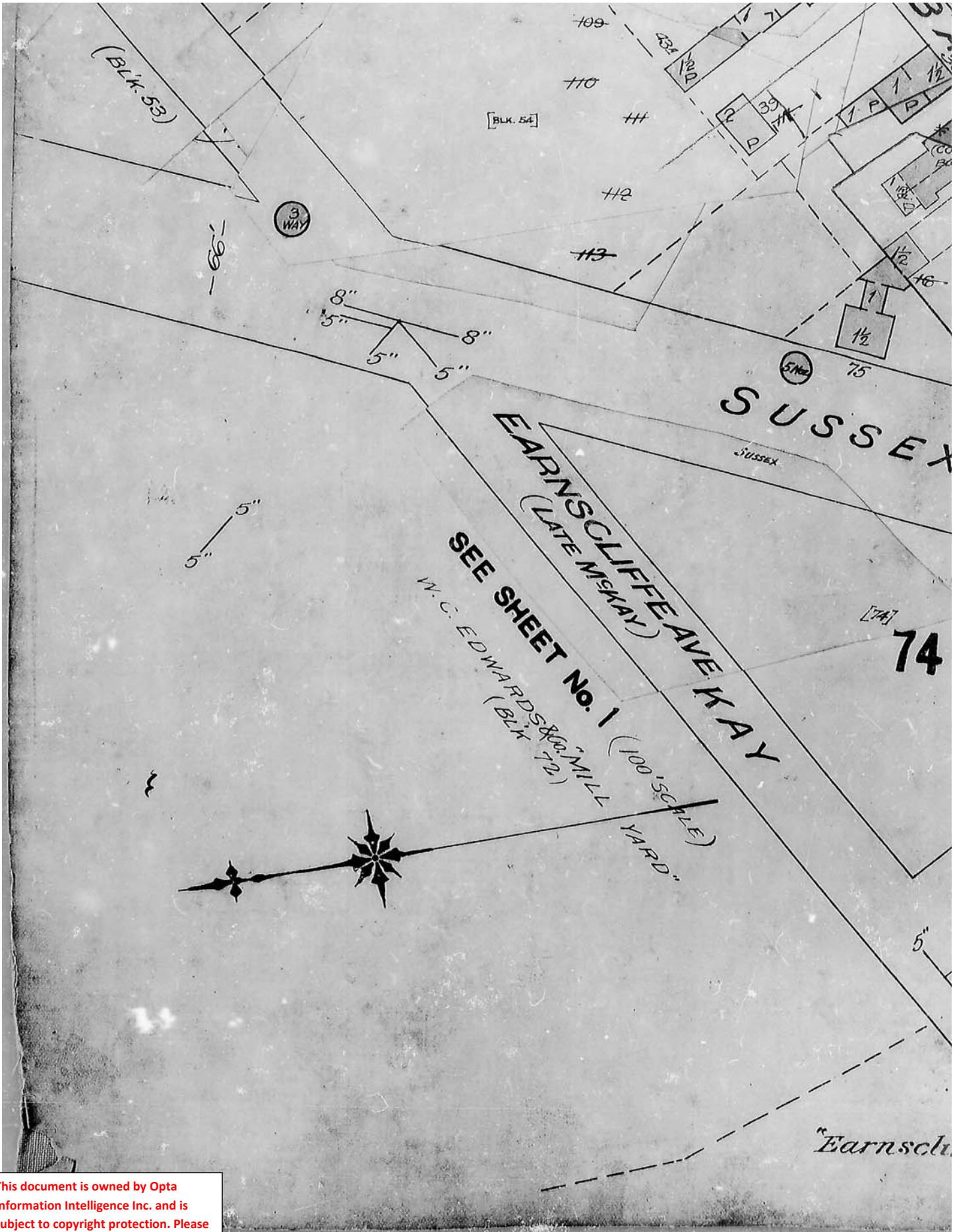
This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



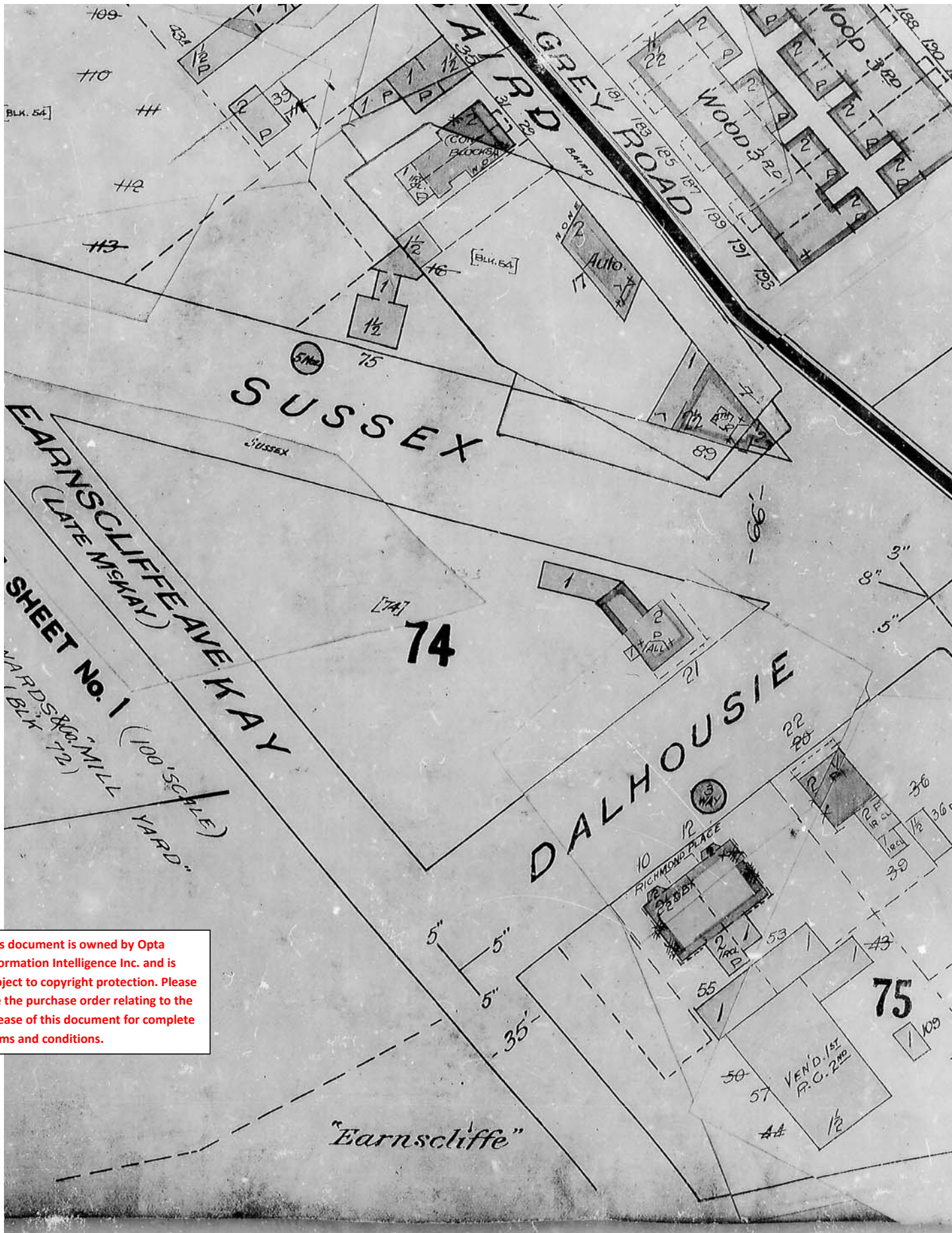
This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

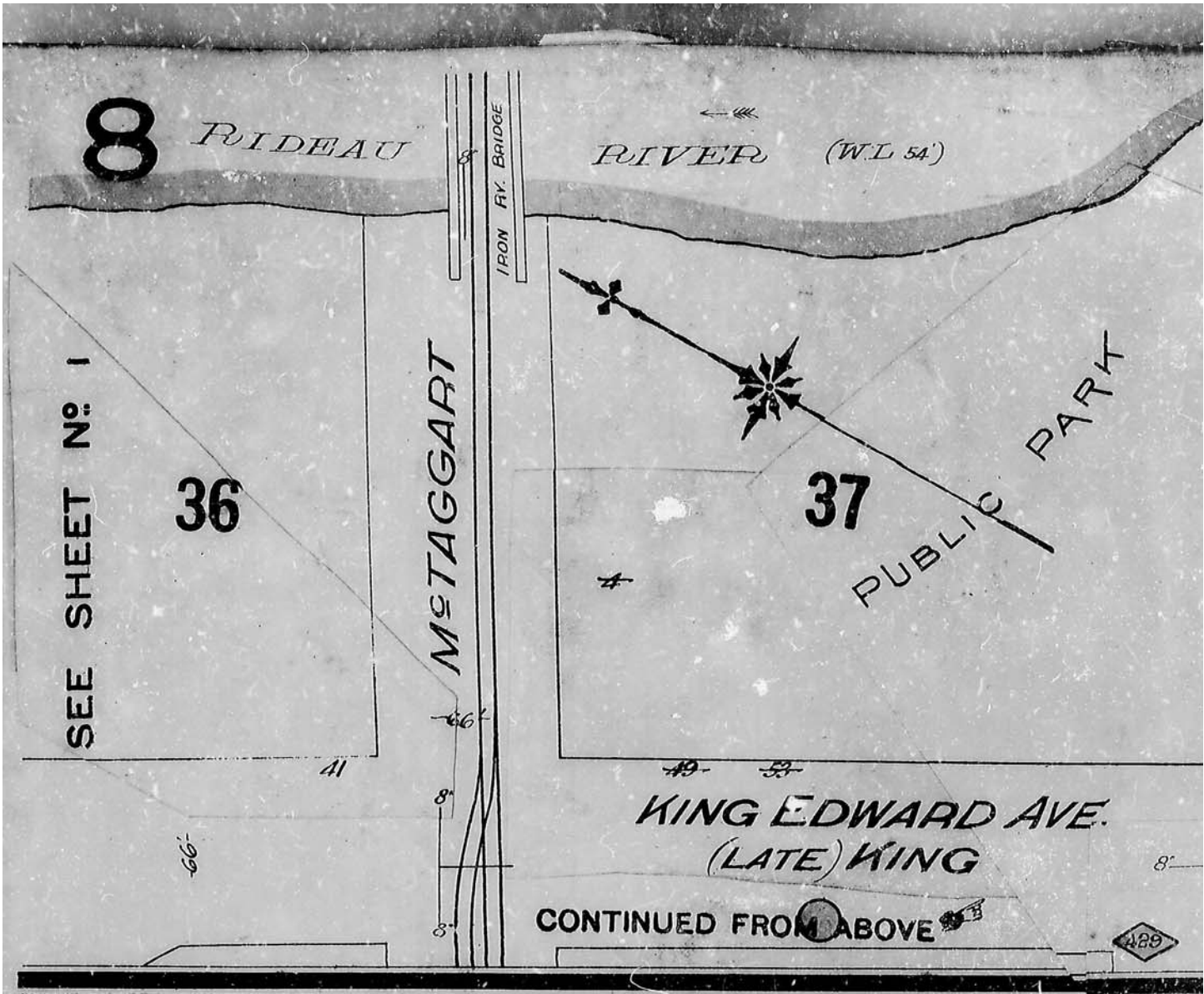


This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

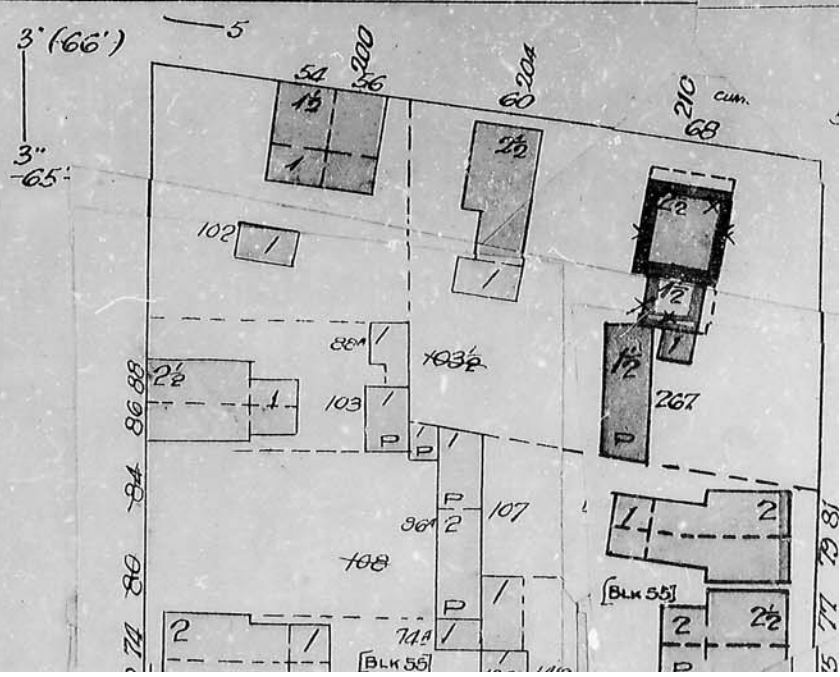


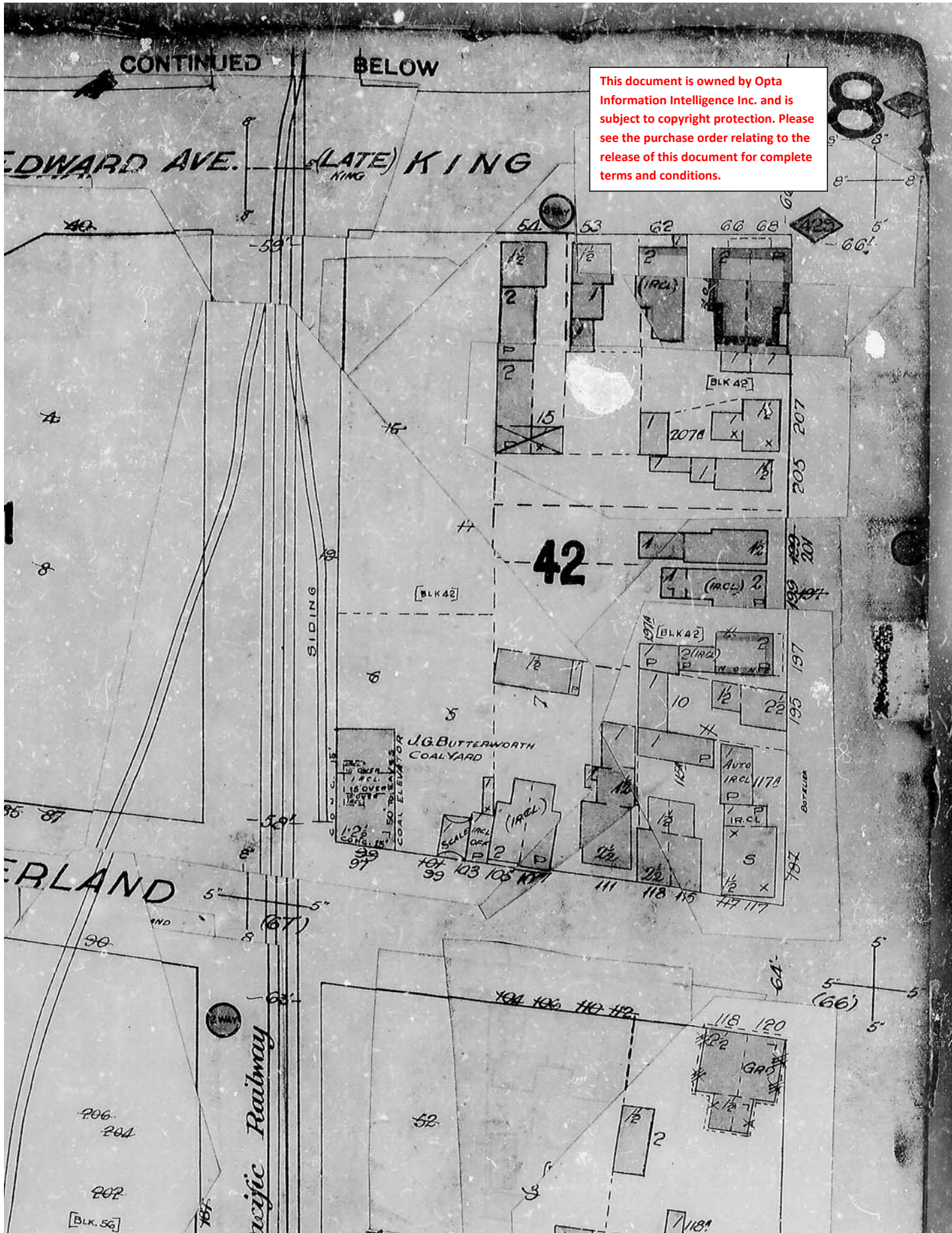
SCALE 50 FT. = 1 INCH

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.





This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

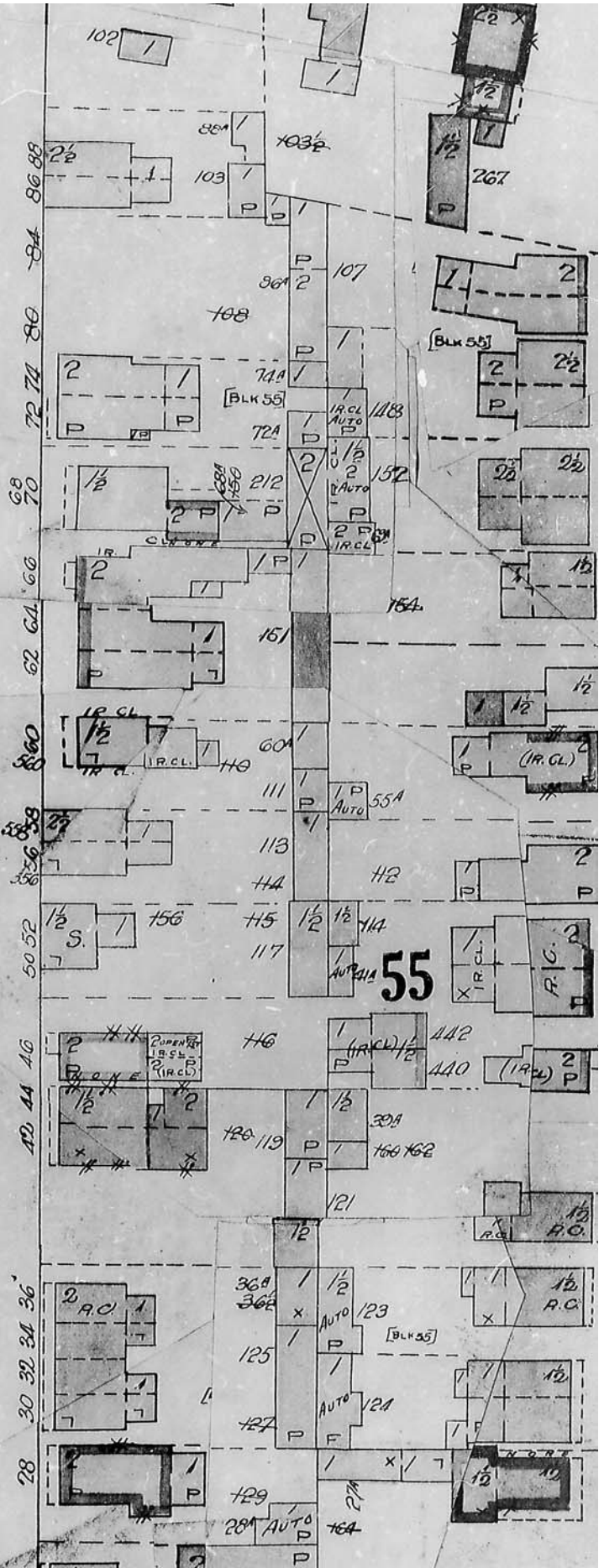


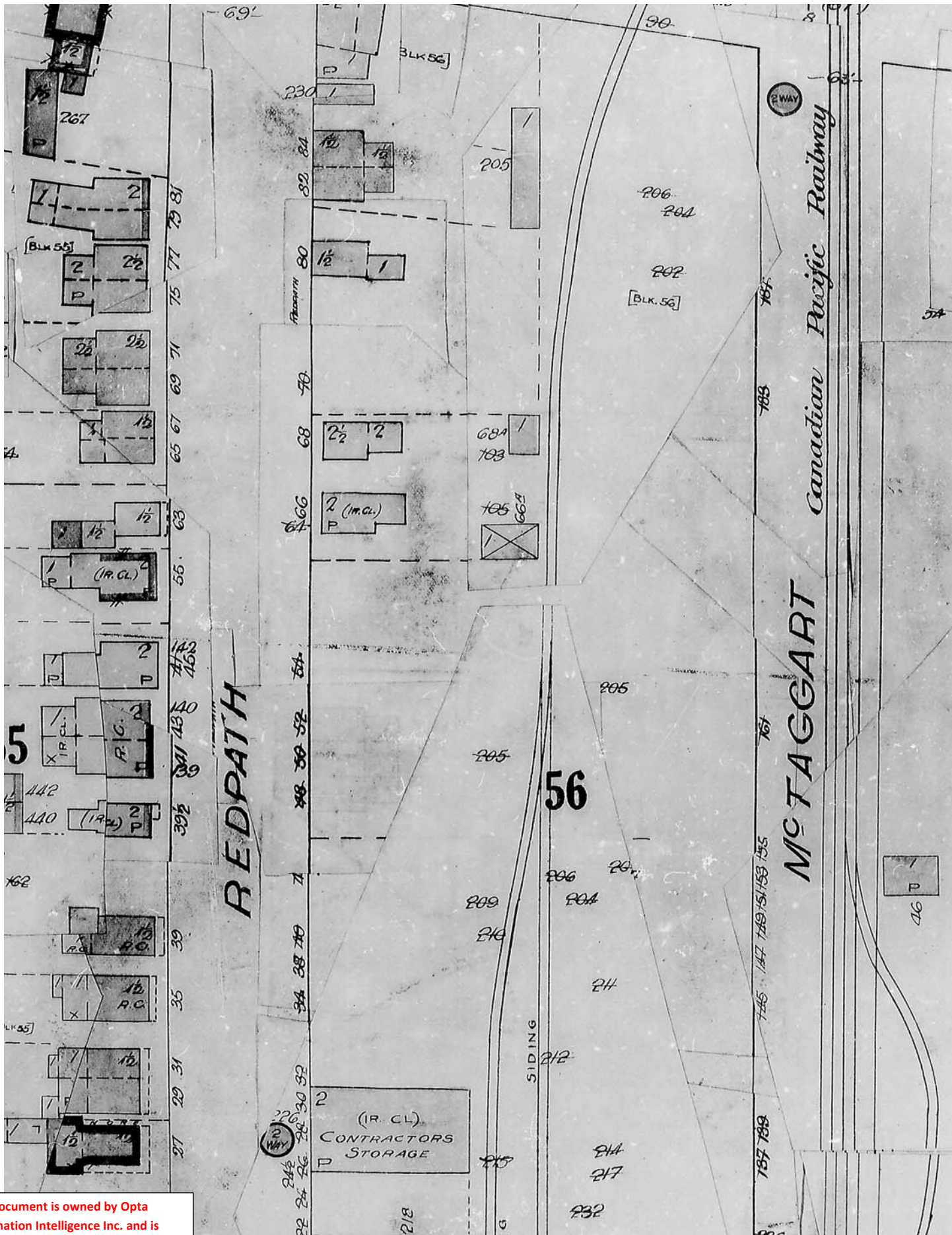
F. X. LADEROUTE
AGENT
292 LAURIER WEST
OTTAWA, ONT.

SEE SHEET No. 7

BAIRD

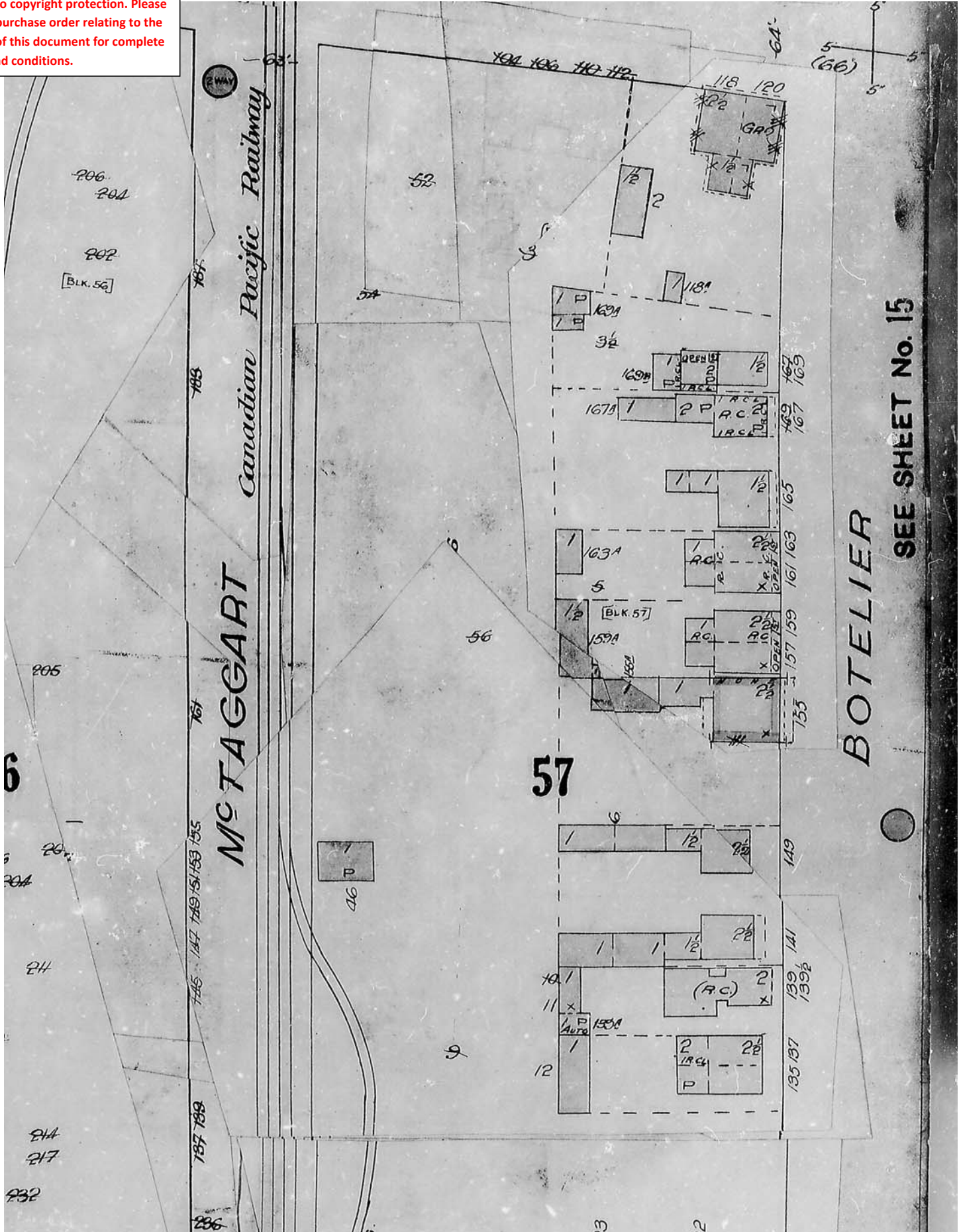
F. X. LADEROUTE
AGENT
292 LAURIER WEST
OTTAWA, ONT.





This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.



BOTELIER
SEE SHEET No. 15

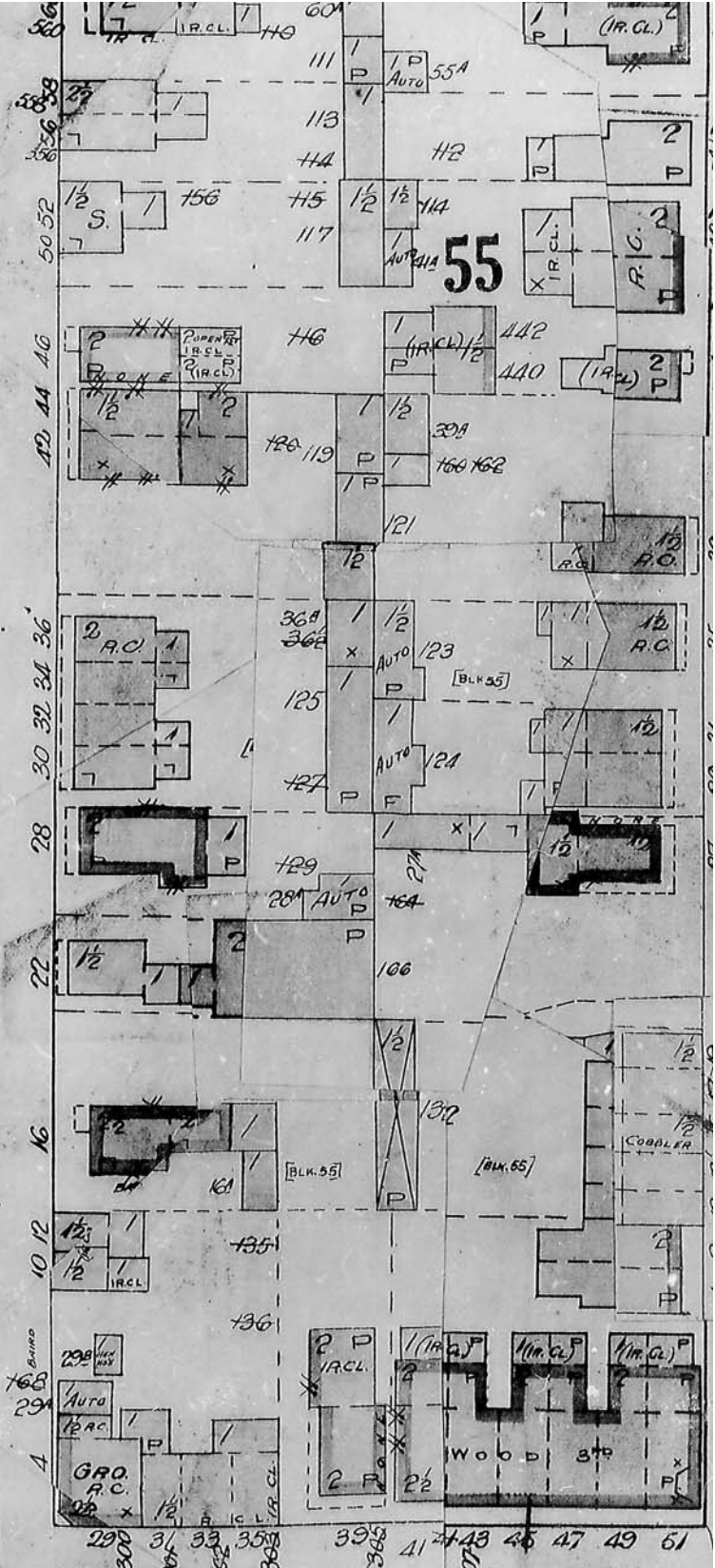
This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

SEE SHEET No. 7

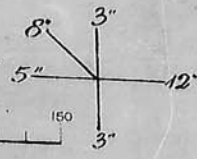
BAIRD

F. X. LADEROUTE
AGENT
292 LAURIER WEST
OTTAWA, ONT.

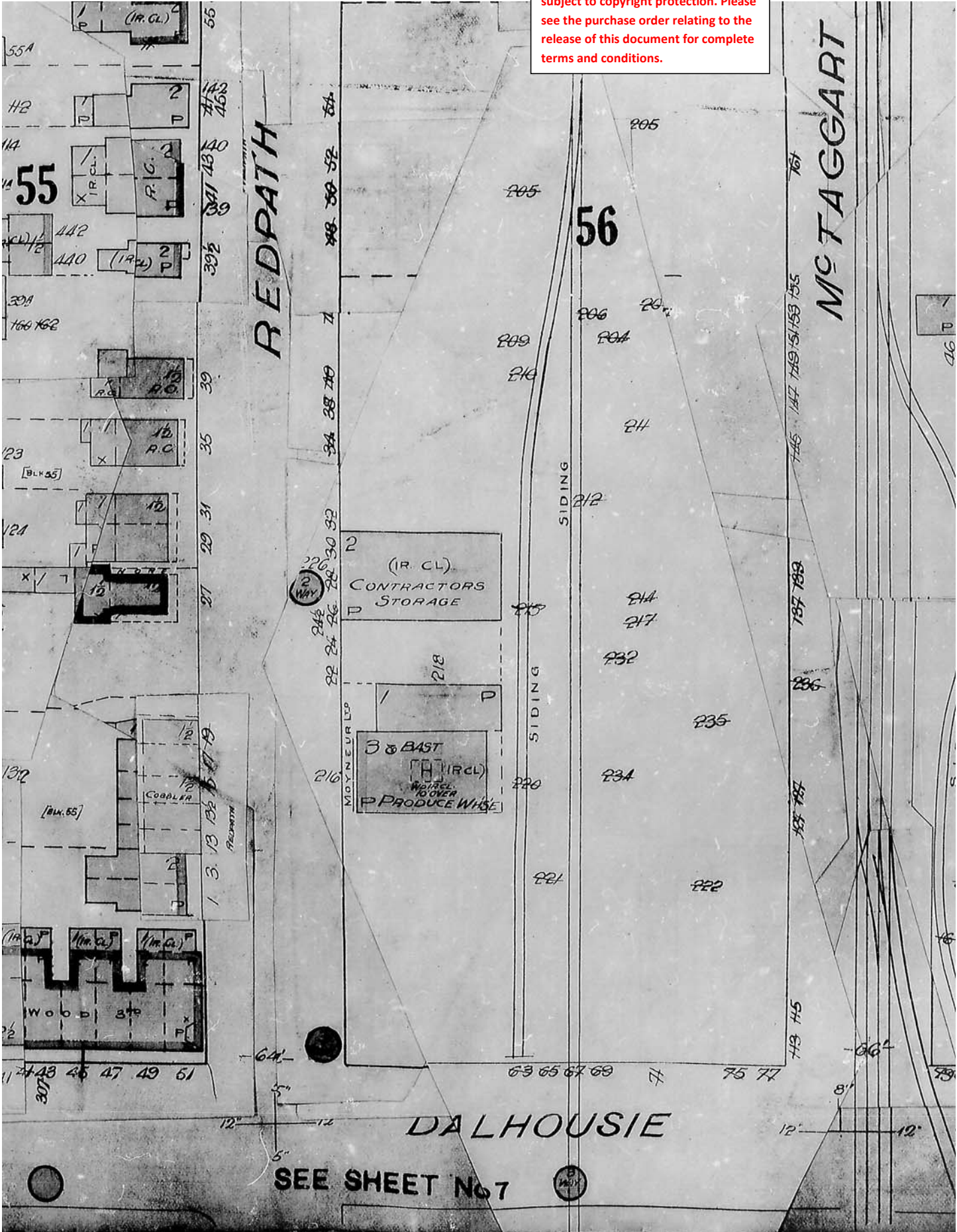
SUSSEX

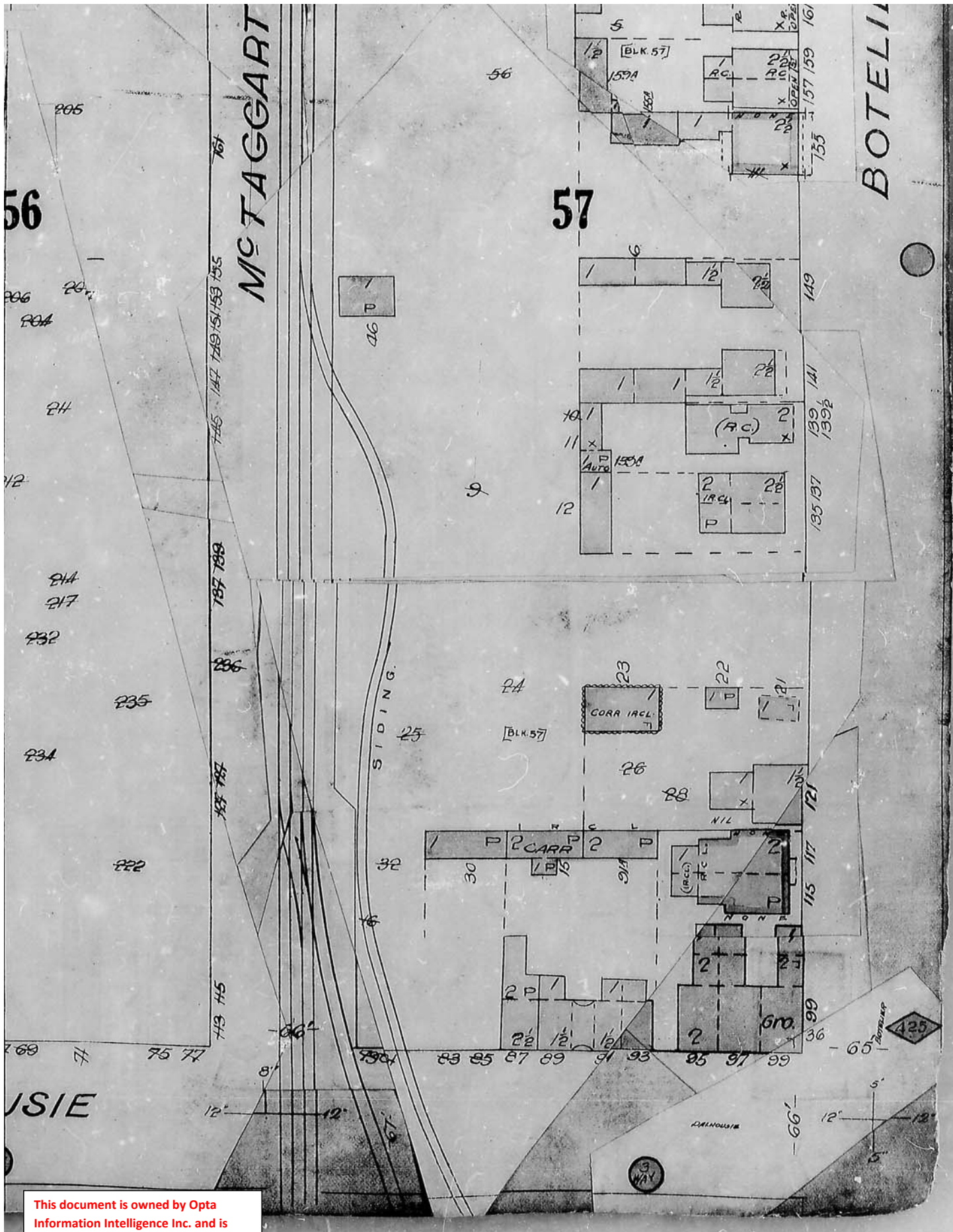


SCALE 50 FT. = 1 INCH



This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.





This document is owned by Opta Information Intelligence Inc. and is subject to copyright protection. Please see the purchase order relating to the release of this document for complete terms and conditions.

Attn: Brenda Cooke

①

ENVIRONMENTAL SEARCH Project no. 122510670 Jack

PURCHASER 215

VENDOR

DATE

TYPE

INSTRUMENT #

	Patent	Oct 27 1847	Crown	Rev. P. A. Johnson
4791	Deed	Sept 4 1849	Rev. P. A. Johnson	Rev. John C. Leonard
17782	Deed	May 30 1861	Rev. John C. Leonard	John Rev. P. A. Johnson
29475	Power of Attorney	June 16 1886	Civil Service Building & Savings Society	John Baptiste Montgomery
72581	Deed	Feb 4 1905	John B. Montgomery	James C. Reynolds
98935	Deed	Sept 6 1910	James C. Reynolds	Canadian Pacific Railway Company
CR559943	Quit claim Deed	Jan 21 1969	Canadian Pacific Railway Company	National Capital Commission Minister of Highways
CR588348	Deed	Mar 16 1971	National Capital Commission	

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
CR 601289	Order	Mar 5 1971	Minister of Highways	The Regional Municipality of Ottawa - Carleton
* Note -	Structure	Jan 1, 2001	the Region was amalgamated into the City of Ottawa - current owner.	
	Patent	May 20 1897	Crown	John McTearon
6289	Deed	Mar 26 1853	John McTearon	Susanah Perrison
* Note	there is a gap in deeds below			the title at this point the next entry
25599	Deed	Sept 4 1886	Mary McLaughlin John McLaughlin	George Merich
62423	Deed	Oct 30 1901	George Merich	Mary Monaghan

3

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
CR 155431	Deed	Dec 1920	Heirs of Mary Thompson	Mary Padden
CR 391786	Deed	July 28 1957	Mary Padden	Silvio Calamini
CR 487322	Deed	May 28 1963	Silvio Calamini	National Capital Commission
* Note - see CR 588348, subsequent owner of all chains of title for this PIN only.			CR 601289 & the photo on page 1 & 2 for the	
Note - see page 2 up until the page for the previous owner of the chain of title contained below.				
31536	deed	Dec 6 1889	Catherine Metropkin	Ellen Metropkin
341101	Deed	Dec 12 1955	Heirs of Ellen Metropkin	Mary Becker

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
CP 456064	Deed	Feb 25 1963	Mary Becker	National Capital Commission
	Patent	May 12 1852	Lucas	Thomas Melloy
110717	Deed	Mar 18 1912	Thomas Melloy	Charlotte Hughes
135859	Deed	Jun 20 1916	Estate of Charlotte Hughes	James B. Hughes
184815	Deed	Aug 11 1926	James B. Hughes	Cynille Pothier
231182	Deed	May 10 1940	Cynille Pothier	Percie Bedard
476777	Deed	May 7 1964	Percie Bedard	National Capital Commission

* See retention page 4

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
110509	Deed	Mar 11 1912	Thomas Malley	Lynelle Pothier
149147	Deed	June 5 1920	Lynelle Pothier	Frances Bilchmint
165206	Deed	Apr 7 1923	Frances Bilchmint	Rose anne Fern
212610	Deed	July 17 1934	Estate of Rose Anne Fern	Joseph E. Page
362411	Deed	Aug 13 1957	Estate of Joseph E. Page	Jean M. Page Jeanne Page
442811	Quit Claim Deed	May 8 1962	Jean M. Page Jeanne Page	National Capital Commission
#				

Legal description for this parcel is lot 7, Registrars compiled Plan No. 64769, being part 2 on Plan 4R-26468 Part of P/W 04218-0175.

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
Note - see CR 588348 & CR 601289 for part of the property continued above.				except for tracts
Patent		May 8 1897	Crown	John McCarthy
A-191	Deed	June 4 1864	John McCarthy	John Murray
* Note - there is a gap in the title at this point. The next entry appears below.				
25993	Deed	Aug 2 1888	Henry Bate	Patrick Skelley
79391	Deed	Mar 16 1906	Estate of Patrick Nicky	Edward Monaghan
125302	Deed	Apr 25 1914	Edward Monaghan	Thomas Curran

7

ENVIRONMENTAL SEARCH						
INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER		
241249	Deed	Oct 25 1943	Thomas Lunan	Rosul Poulin		
250139	Deed	Dec 11 1944	Rosul Poulin	Rosul Bertudo Bertudo Bertudo		
452541	Deed (Quit Claim)	Apr 21 1962	Bertudo Rosul Bertudo	National Capital Commission		
* 0527854	Deed	Dec 4 2003	National Capital Commission	United Nat Executive (Current owner) ↑		
* Note - all chains described below end with this deed.						
	Patent	May 3 1847	Crown	Simon Fraser		
28499	Deed	Jan 4 1864	Airas Fraser	Elys Chambers		
Note - there is a gap in the titles at this point the next entry follows on page 8.						

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
18401	Deed	Apr 1 1880	Thomas Reynolds	St. Lawrence & Ottawa Railway Co. - Part (became C.P. Rail)
19625	Deed	Oct 13 1881	Thomas Loren	Patrick Loren (Part)
88123	Deed	Jan 26 1909	Estate of Patrick Loren	Ellen Connell (as in 19625)
98452	Deed	Aug 5 1910	Ellie Connell	Canadian Pacific Railway Company
K C R 553943	Deed	Jan 21 1969	Canadian Pacific Railway Company	National Capital Commission
X Note - all subsequent chains go to this deed & then OC 278854 on page 2				
X Note - see page 7 up to the gap in title at the end of the page for the previous bundle of the chain of title continued on page 9				

9

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
18628	Deed	July 27 1880	Charles T. Bate	Henry B. Bate
78658	Deed	Sept 16 1906	Henry B. Bate	Woolf Shenkman
79532	Deed	Dec 28 1906	Woolf Shenkman	Woolf Martin
81359	Deed	June 14 1907	Woolf Martin	Selma Martin
95708	Deed	Apr 2 1910	Selma Martin	Charles T. Mitchell
101419	Deed	Jan 9 1911	Charles T. Mitchell	Canadian Pacific Railway Company
	Patent	May 17 1847	Grove	Callaghan Fitzgerald

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
9947	Power of Sale	July 11 1856	Ronald M. Grant	Jane Fitzgerald
17273	Deed	Feb 25 1861	Jane Fitzgerald	John Murray
Note - there is a copy in appra below.			the title at this point	the next entry
32116	Deed	Nov 18 1890	Samuel J. McEay	Edmund McEay
148933	Deed	July 30 1919	Julie McEay (widow of Edmund)	Lawrence S. Brennan Bella Brennan
426290	Deed	June 28 1961	Estate of Stella Brennan	National Capital Commission
Patent		Mar 5 1847	Edwin	Edward Malloch

11

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
12547	Deed	Jan 8 1858	Edward Malloch	Andrew Wilson
			Note - there is a gap in the title at this point. The next entry appears below	
9829	Deed	Jan 10 1874	Michael Cusack	Henry Howell
69936	Deed	Mar 18 1904	Estate of Henry Howell	Frederick Schroeder
100538	Deed	Mar 21 1910	Heirs of Frederick Schroeder	Canadian Pacific Railway Company
	Patent	Mar 1 1847	Crown	Brian McBride
731	Deed	Mar 21 1865	Brian McBride	Margaret Flynn

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
976	Deed	Aug 24 1865	Margaret Flynn Charles Flynn	Bart Silligan
977	Deed	Aug 24 1865	Bart Silligan	Charles Flynn
Note - there is a gap in the title at this point. appears below.				
31154	Deed	Oct 4 1889	Catherine Dwanwick	Flores Potokowsky
Note - another gap in the title at this point.				
209536	Quit Claim Deed	Apr 8 1933	Martha Cole Arthur Peck Richard	Gertrude Shroder
455674	Quit Claim Deed	Feb 13 1963	Gertrude Shroder	National Capital Commission

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	Apr 5 1847	Crown	Hugh McGuire
16903	Deed	Dec 11 1860	Hugh McGuire	Brian McGuire
23327	Deed	Nov 17 1863	Brian McGuire	Hugh McGuire
* Note - there is a gap in the title at this point.				
18402	Deed	Apr 1880	Isabella Reynolds	St. Lawrence & Ottawa Railway Co. (becomes C.P. Rail)
	Patent	May 4 1847	Crown	Thomas Beaman
10683	Deed	Feb 27 1857	Thomas Beaman	Denis McGuire

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
12137	Deed	Mar 16 1858	Bennis Maguire	S. Campbell A. Ross
16697	Deed	Oct 27 1860	S. Campbell A. Ross	Robert Thom
26495	Deed	Apr 5 1887	Trustee of Robert Thom	St. Lawrence & Ottawa Railway Co. (became C.P. Rail)
	Patent	Apr 29 1897	Carson	Alex McMahon
6231	Will	Mar 8 1853	Alex McMahon	Margaret McMahon
115454	Deed	Oct 20 1857	Margaret McMahon	Francis McDonnell
Note - there is a gap in the title at this point. The next entry appears on page 15.				

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
26495	deed	Apr 5 (1887)	Trustees Robert Lyon	St. Lawrence & Ottawa Railway Co. (becomes C.P. Rail)
K			Legal Description for the parcel is: Part of Lot 3, Registrars' Compiled Plan no. 611269 City of Ottawa, being parts 4, 5 & 6 on Plan 4R-26468.	
Note -			there are many pages in these titles & some of the records may be missing when it was converted to microfiche.	
Note -			Part of this property included an extension of Cumberland Street that is now closed. I could not find any records for this, but believe it was in the early 1970's when it was closed.	
			June 14/13.	



REPORT



Project Property: *Boteler Phase I ESA
Boteler Street
Ottawa ON*

Report Type: *RSC Premium Package (Urban)*

Order #: *20130404014*

Date: *April 11, 2013*

EcoLog ERIS Ltd.
Environmental Risk
Information Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

Table of Contents

Table of Contents	1
Executive Summary	2
Executive Summary: Report Summary	3
Executive Summary: Site Report Summary – Project Property	5
Executive Summary: Site Report Summary – Surrounding Properties	6
Map	11
Aerial	12
Detail Report	13
Unplottable Report	74
Appendix: Database Descriptions	82
Definitions	91

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase 1 Environmental Site Assessment but is solely intended to be used to focus further investigation.

Licence for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your licence to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by EcoLog Environmental Risk Information Services Ltd ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavoured to present you with information that is accurate, EcoLog ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of EcoLog ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report(s) are protected by copyright owned by EcoLog ERIS Ltd. Copyright in data used in the Service or Report(s) (the "Data") is owned by EcoLog ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of EcoLog ERIS.

Executive Summary

Property Information:

Project Property: *Boteler Phase I ESA
Boteler Street Ottawa ON*

Order Information:

Order No.: *20130404014*
Date Requested: *12/04/2013*
Requested by: *Stantec Consulting Ltd.*
Report Type: *RSC Premium Package (Urban)*

Additional Products:

Aerial Photographs *National Collection - Digital (PDF)*
Insurance Products *Inspection Reports*
Insurance Products *Fire Insurance Plans*
Land Title Search *Title Search*
Other Reports *Anderson Waste Disposal Report*
Topographic Map *Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Selected	On Site	Boundary to 0.30KM	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	1	1
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	53	54
CA	Certificates of Approval	Y	0	9	9
CFOT	Commercial Fuel Oil Tanks	Y	0	2	2
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	8	8
EIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	1	1
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	26	26
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0

Database	Name	Selected	On Site	Boundary to 0.30KM	Total
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTIW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	2	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	2	2
SPL	Ontario Spills	Y	0	5	5
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	1	1
WWIS	Water Well Information System	Y	0	1	1
Total:			1	114	115

Executive Summary: Site Report Summary – Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Page Number</i>
1	BORE		ON	13

Executive Summary: Site Report Summary – Surrounding Properties

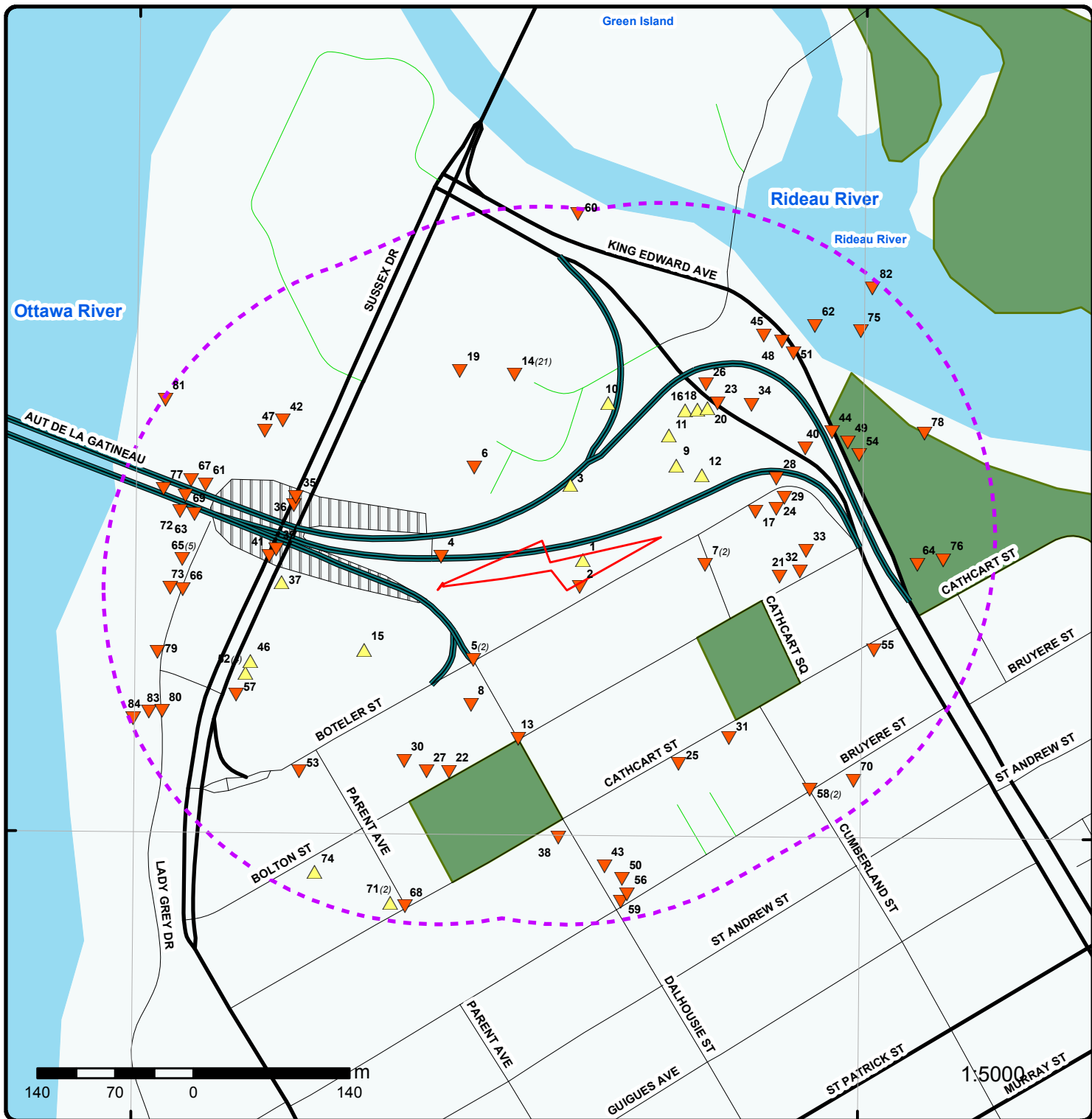
Map Key	DB	Company/Site Name	Address	Page Number
2	RSC	Mr. Hassan M. O. Al-Suwaidi, Ambassador for the United Arab Emirates	125 Boteler Street, Ottawa, Ontario Ottawa ON K1N 0A4	13
3	BORE		ON	14
4	BORE		ON	15
5	CA	OTTAWA CITY	DALHOUSIE ST./BOTELER ST. OTTAWA CITY ON	15
5	CA	R.M. OF OTTAWA-CARLETON	DALHOUSIE ST./BOTELER ST. OTTAWA CITY ON	16
6	BORE		ON	16
7	GEN	OTTAWA ROMAN CATHOLIC SEP. SCHOOL BOARD	140 CUMBERLAND STREET (CENTRAL ADMINISTRATION OFFICE) OTTAWA-CARLETON ON K1N 7G9	17
7	GEN	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD	140 CUMBERLAND STREET OTTAWA ON K1N 7G9	17
8	BORE		ON	17
9	BORE		ON	18
10	BORE		ON	19
11	BORE		ON	19
12	BORE		ON	20
13	CA	R.M. OF OTTAWA-CARLETON	BOLTON/DALHOUSE ST/KING EDWARD OTTAWA CITY ON	21
14	CA	Lester B. Pearson Building	125 Sussex Drive Ottawa ON K1A 0H7	21
14	GEN	FOREIGN AFFAIRS AND INTERNATIONAL TRADE	125 SUSSEX DRIVE, TOWER D2 L.B. PEARSON BUILDING OTTAWA ON K1A 0G2	22
14	GEN	HEALTH AND WELFARE CANADA	HEALTH UNIT #40, RM. 145, BLOCK C-1, 125 125 SUSSEX DR., LB PEARSON BLDG (EXT AF) OTTAWA ON K1A 0H7	22
14	GEN	GVT. OF CAN.-(SEE&USE ON0249612) 18-190	PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	22
14	GEN	GVT. OF CANADA-PUBLIC WORKS CANADA	EXTERNAL AFFAIRS CAN., 125 SUSSEX DRIVE C/O 140 PROMENADE DU PORTAGE OTTAWA ON K1A 0H7	22
14	GEN	PUBLIC WORKS CANADA	L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	23
14	GEN	SNC LAVALIN O&M LESTER B. PEARSON BLDG	125 SUSSEX DRIVE OTTAWA ON K1A 0H7	23
14	GEN	GVT. OF CAN. - PUBLIC WORKS CANADA	PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	24
14	GEN	GVT. OF CAN. (OUT OF BUSINESS)	PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	24

Map Key	DB	Company/Site Name	Address	Page Number
14	GEN	GVT. OF CAN-EXTERNAL AFFAIRS 16-331	PUBLIC WKS.CAN. BLD. SERV.125 SUSSEXDR. TOWERD2(MISA)C/O140PROM.DU PORTLEVEL 2 OTTAWA ON K1A 0H7	24
14	GEN	PUBLIC WORKS & GOVERNMENT SERVICES CANADA	125 SUSSEX DRIVE L.B.PEARSON BUILDING OTTAWA ON K1A 0H7	24
14	GEN	PUBLIC WORKS CANADA	L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	25
14	GEN	HEALTH AND WELFARE CANADA	125 SUSSEX DR., LB PEARSON BLDG (EXT AF) HEALTH UNIT #40, ROOM 145, BLOCK C-1 OTTAWA ON K1A 0G2	26
14	GEN	GVT. OF CAN-(OUT OF BUS) 18-190	PEARSON COMPOSITION CENTRE 125 SUSSEX DR. RM. BG-227 OTTAWA ON K1A 0H7	26
14	GEN	PUBLIC WORKS CANADA	L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0G2	26
14	GEN	GVT. OF CANADA-PUBLIC WORKS CANADA18-340	L.B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	27
14	GEN	GVT. OF CAN-(OUT OF BUSINESS)	PEARSON COMPOSITION CENTRE 125 SUSSEX DRIVE, ROOM BG-227 OTTAWA ON K1A 0H7	27
14	GEN	PUBLIC WORKS	PEARSON COMPOSITION CENTRE 125 SUSSEX DRIVE, ROOM BG-227 OTTAWA ON K1A 0H7	28
14	GEN	GVT OF CAN-HEALTH&WELFARE CAN.MED.16-310	SER.BR,UNIT#40,RM145, BLOCK C-1,125 SUSSEX DR,L.B.PEARSON,C/O 301 ELGIN ST OTTAWA ON K1A 0L3	28
14	PRT	PUBLIC WORKS CANADA NATIONAL CAPITAL DISTRICT THRE	125 SUSSEX DR OTTAWA ON K1A 0H7	28
14	SPL	Waste Management of Canada Corporation	125 Sussex Dr. Ottawa ON K1A 0H7	28
15	RSC	Aga Khan Foundation Canada	Vacant Land ON	28
16	BORE		ON	29
17	EHS		198 Boteler Street Ottawa ON K1N 5A7	30
18	BORE		ON	30
19	BORE		ON	31
20	BORE		ON	31
21	SCT	The Veiled Eye	245 Bolton St Ottawa ON K1N 5B5	32
22	BORE		ON	32
23	BORE		ON	33
24	BORE		ON	34
25	GEN	Office of the Public Guardian and Trustee	178 Cathcart Street Ottawa ON K1N 5B9	35
26	BORE		ON	35
27	BORE		ON	36
28	BORE		ON	37

Map Key	DB	Company/Site Name	Address	Page Number
29	BORE		ON	37
30	BORE		ON	38
31	EHS		216 Cathcart St. Ottawa ON K1N 5B9	39
32	BORE		ON	39
33	EHS		251 Bolton Street Ottawa ON K1N 5B5	40
34	BORE		ON	40
35	BORE		ON	41
36	BORE		ON	42
37	BORE		ON	42
38	SCT	DONNA KEARNS TEXTILES	146 DALHOUSIE ST OTTAWA ON K1N 7C4	43
39	BORE		ON	44
40	BORE		ON	44
41	BORE		ON	45
42	EHS		Park at the Corner of Sussex Dr & Macdonal Cartier Bridge Ottawa ON	46
43	GEN	BREWERS WAREHOUSING CO LTD	BREWERS RETAIL STORE 157 DALHOUSIE STREET OTTAWA ON K1N 7C3	46
44	BORE		ON	46
45	BORE		ON	47
46	WWIS		OTTAWA ON	48
47	BORE		ON	48
48	BORE		ON	49
49	BORE		ON	50
50	EHS		163 Dalhousie St Ottawa ON K1N 7C3	50
51	BORE		ON	51
52	HINC		199 SUSSEX DRIVE OTTAWA ON K1N 1K6	51
52	PINC		199 Sussex Drive, Ottawa ON K1N 1K6	52
52	SPL	Enbridge Gas Distribution Inc.	199 Sussex Dr. in Ottawa Ottawa ON	52
52	SPL	Enbridge Gas Distribution Inc.	199 Sussex Drive Ottawa ON K1N 1K6	53

Map Key	DB	Company/Site Name	Address	Page Number
53	CA	Carleton Condominium Corporation No. 151	40 Boteler Ottawa ON	53
54	BORE		ON	53
55	SPL	ESSO PETROLEUM CANADA	266 CATHCART ST. TANK TRUCK (CARGO) OTTAWA CITY ON K1N 5C3	54
56	BORE		ON	54
57	CA	ROYAL EMBASSY OF SAUDI ARABIA, OTTAWA	201 SUSSEX DRIVE (SWM) OTTAWA ON K1N 1K6	55
58	CA	OTTAWA CITY	BRUYERE ST./CUMBERLAND ST. OTTAWA CITY ON	55
58	CA	OTTAWA CITY	BRUYERE ST./CUMBERLAND ST. OTTAWA CITY ON	55
59	BORE		ON	56
60	EHS		Park at King Edward & Sussex Dr along Rideau River Ottawa ON	57
61	BORE		ON	57
62	BORE		ON	57
63	BORE		ON	58
64	WDSH		nr Bordeleau Park. OTTAWA ON	59
65	GEN	THE OTTAWA RIVERBOAT COLTD	10 LADY GREY DRIVE OTTAWA ON	59
65	GEN	THE OTTAWA RIVERBOAT CO.LTD. 29-627	10 LADY GREY DR. C/O 30 MURRAY ST. SUITE 100 OTTAWA ON K1N 5M4	59
65	GEN	The Ottawa Riverboat Company	10 Lady Grey Drive Ottawa ON K1P 5P9	60
65	GEN	THE OTTAWA RIVERBOAT COMPANY LTD.	10 LADY GREY DRIVE OTTAWA ON	60
65	SPL	UNKNOWN	10 LADY GREY OTTAWA RIVER OTTAWA CITY ON	60
66	BORE		ON	60
67	BORE		ON	61
68	CA	OTTAWA CITY	CATHCART ST./PARENT ST. OTTAWA CITY ON	62
69	BORE		ON	62
70	EHS		204 Bruyere Street Ottawa ON	63
71	CFOT	SCO Health Services Elizabeth Bruhere Center	79 Cathcart St OTTAWA ON	63
71	CFOT	SCO Health Services Elizabeth Bruhere Center	79 Cathcart St OTTAWA ON	63
72	BORE		ON	63
73	BORE		ON	64

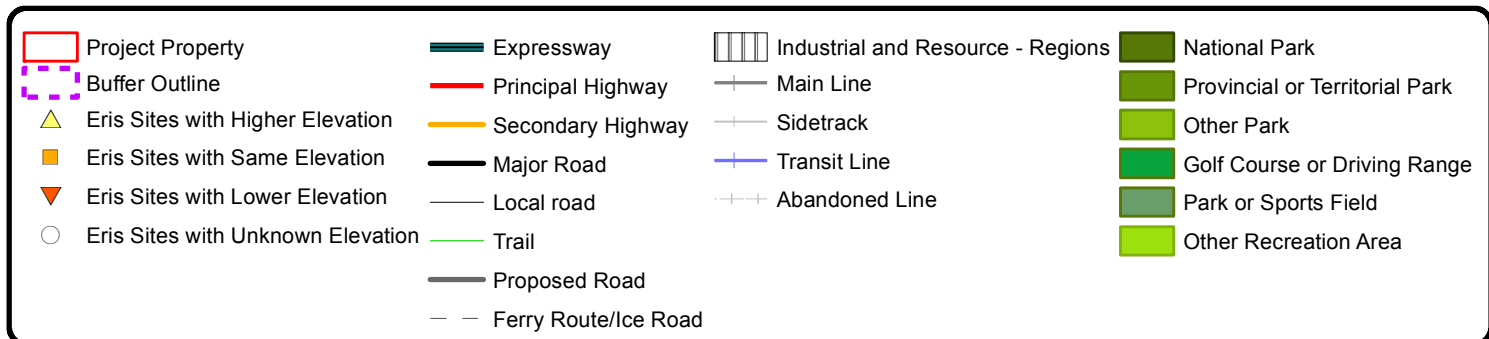
Map Key	DB	Company/Site Name	Address	Page Number
74	EHS		Sussex Drive from King Edward Avenue to St. Patrick Street. Ottawa ON	65
75	BORE		ON	65
76	ANDR	Bordeleau Pk Dump	Ottawa ON K1N	66
77	BORE		ON	67
78	FCS		Ottawa ON	67
79	BORE		ON	68
80	BORE		ON	69
81	BORE		ON	69
82	BORE		ON	70
83	BORE		ON	71
84	BORE		ON	72



Map

Order No: 20130404014

Address: Boteler Street, Ottawa, ON





Aerial

Order No: 20130404014

Address: Boteler Street, Ottawa, ON

Detail Report

Map Key	Number of Records	Elevation m	Site	DB
1	1 of 1	58.9	ON	BORE
<p>Borehole ID: 613676 Type: Borehole Use: Status: Drill Method: UTM Zone: 18 Easting: 445651.000 Northing: 5031572.000 Location Accuracy: Orig. Ground Elevation(m): 57.400002 Elev. Reliability Note: DEM Ground Elevation(m): 57.700001 Total Depth(m): -999.000000 Primary Name: Township: Concession: Lot: Municipality: Completion Date: 1962-JAN Static Water Level: Primary Water Use: Secondary Water Use: Location Description:</p> <p>--- Details ---</p> <p>Stratum ID: 218396125 Top Depth(m): 0 Bottom Depth(m): 0.900000 Stratum Desc: FILL. VERY HARD. + Stratum ID: 218396126 Top Depth(m): 0.900000 Bottom Depth(m): 4.100000 Stratum Desc: BOULDERS. FIRM. + Stratum ID: 218396127 Top Depth(m): 4.100000 Bottom Depth(m): Stratum Desc: BEDROCK. GREY,WEATHERED,FRACTURED. FISSURED. BEDROCK. SOUND. 00000 028 0005004604406900200</p>				

2	1 of 1	57.7	Mr. Hassan M. O. Al-Suwaidi, Ambassador for the United Arab Emirates 125 Boteler Street, Ottawa, Ontario Ottawa ON K1N 0A4	RSC
---	--------	------	---	---------------------

Date Submitted: 12-May-06
 Date Acknowledg.:
 Date Returned:

Map Key	Number of Records	Elevation m	Site	DB
Certification Date:		6-Apr-06		
Soil Type:				
Restoration Type:				
Registration #:		3151		
Stratified (Y/N):				
Criteria:				
Consultant:				
District Office:		OTTAWA		
Intended Prop Use:		Commercial		
Current Property Use:		Commercial		
Certificate Prop Use #:		No CPU		
Applicable Standards:		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Industrial/Commercial/Community property use		
Legal Description:		Lot 3, Registered Compiled Plan No. 611769, Ottawa		
Prop. Identification #:		04218-0177 LT		
Entire legal prop. (y/n):		Yes		
UTM Coordinates:		NAD83 18-445579-5031542		
Latitude & Longitude:		45.43528210N 75.69577630W (converted from UTM)		
Accuracy Estimate:		6 to 10 meters		
Measurement Method:		Digitized from a map		
CPU Issued Sect 1686:		No		

3 **1 of 1** **59.1** **ON** **BORE**

Borehole ID:	848058
Type:	Borehole
Use:	Geotechnical/Geological Investigation
Status:	Decommissioned
Drill Method:	Boring
UTM Zone:	18
Easting:	445640.000
Northing:	5031639.000
Location Accuracy:	
Orig. Ground Elevation(m):	57.400002
Elev. Reliability Note:	
DEM Ground Elevation(m):	57.799999
Total Depth(m):	7.500000
Primary Name:	
Township:	NEPEAN
Concession:	BROKEN FRONT C
Lot:	LOT O
Municipality:	
Completion Date:	1962-FEB-1
Static Water Level:	
Primary Water Use:	
Secondary Water Use:	
Location Description:	

--- Details ---

Stratum ID:	6559804
Top Depth(m):	0
Bottom Depth(m):	0.900000
Stratum Desc:	CONCRETE SLAB (FILL)
+	
Stratum ID:	6559805
Top Depth(m):	0.900000
Bottom Depth(m):	4.100000
Stratum Desc:	LOOSE TO COMPACT GREY LIMESTONE COBBLES AND BOULDERS IN MATRIX OF SAND AND GRAVEL
+	

Map Key	Number of Records	Elevation m	Site	DB
<hr/> Stratum ID: 6559806 Top Depth(m): 4.100000 Bottom Depth(m): 7.500000 Stratum Desc: MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK SLIGHT WEATHERING AND FRACTURING TO ELEV. 171 <hr/>				
4	1 of 1	55.5	ON	<u>BORE</u>
Borehole ID: 848059 Type: Borehole Use: Geotechnical/Geological Investigation Status: Decommissioned Drill Method: Power auger UTM Zone: 18 Easting: 445524.000 Northing: 5031575.000 Location Accuracy: Orig. Ground Elevation(m): 57.900002 Elev. Reliability Note: DEM Ground Elevation(m): 56 Total Depth(m): 1.700000 Primary Name: Township: NEPEAN Concession: BROKEN FRONT C Lot: LOT O Municipality: Completion Date: 1962-JAN-30 Static Water Level: Primary Water Use: Secondary Water Use: Location Description: --- Details --- Stratum ID: 6559807 Top Depth(m): 0 Bottom Depth(m): 0.300000 Stratum Desc: LOOSE BLACK SANDY TOPSOIL + Stratum ID: 6559808 Top Depth(m): 0.300000 Bottom Depth(m): 1.700000 Stratum Desc: COMPACT TO DENSE GREY-BROWN SANDY GRAVEL WITH TRACE OF SILT AND COBBLES <hr/>				
5	1 of 2	57.8	OTTAWA CITY DALHOUSIE ST./BOTELER ST. OTTAWA CITY ON	<u>CA</u>
Certificate #: 3-0859-93- Application Year: 93 Issue Date: 8/4/1993 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: <hr/>				

Map Key	Number of Records	Elevation m	Site	DB
5	2 of 2	57.8	R.M. OF OTTAWA-CARLETON DALHOUSIE ST./BOTELER ST. OTTAWA CITY ON	CA
<p>Certificate #: 7-0684-93- Application Year: 93 Issue Date: 8/4/1993 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>				
6	1 of 1	56.1	ON	BORE
<p>Borehole ID: 848062 Type: Borehole Use: Geotechnical/Geological Investigation Status: Decommissioned Drill Method: Boring UTM Zone: 18 Easting: 445554.000 Northing: 5031655.000 Location Accuracy: Orig. Ground Elevation(m): 57.500000 Elev. Reliability Note: DEM Ground Elevation(m): 55.799999 Total Depth(m): 6.100000 Primary Name: Township: NEPEAN Concession: BROKEN FRONT C Lot: LOT O Municipality: Completion Date: 1962-JAN-31 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:</p> <p>--- Details --- Stratum ID: 6559814 Top Depth(m): 0 Bottom Depth(m): 2 Stratum Desc: LOOSE DARK BROWN SILTY SAND WITH SOME GRAVEL (FILL) + Stratum ID: 6559815 Top Depth(m): 2 Bottom Depth(m): 2.700000 Stratum Desc: DENSE TO VERY DENSE GREY SILTY SAND WITH GRAVEL, TRACE OF CLAY + Stratum ID: 6559816 Top Depth(m): 2.700000</p>				

Map Key	Number of Records	Elevation m	Site	DB
<i>Bottom Depth(m):</i>		6.100000		
<i>Stratum Desc:</i>		MOTTLED GREY-BROWN FOSSILIFEROUS ARGILLACEOUS LIMESTONE BEDROCK, SLIGHT WEATHERING AND FRACTURING TO EL. 174		
7	1 of 2	58.2	OTTAWA ROMAN CATHOLIC SEP. SCHOOL BOARD 140 CUMBERLAND STREET (CENTRAL ADMINISTRATION OFFICE) OTTAWA-CARLETON ON K1N 7G9	GEN
<i>SIC Code:</i>		8511		
<i>SIC Description:</i>		ELEMT./SECON. EDUC.		
<i>Generator #:</i>		ON0426411		
<i>Approval Yrs:</i>		93,94,95,96		
--- Details ---				
<i>Waste Code:</i>		264		
<i>Waste Description:</i>		PHOTOPROCESSING WASTES		
7	2 of 2	58.2	OTTAWA-CARLETON CATHOLIC SCHOOL BOARD 140 CUMBERLAND STREET OTTAWA ON K1N 7G9	GEN
<i>SIC Code:</i>		8511		
<i>SIC Description:</i>		ELEMT./SECON. EDUC.		
<i>Generator #:</i>		ON0426411		
<i>Approval Yrs:</i>		97,98,99,00,01		
--- Details ---				
<i>Waste Code:</i>		264		
<i>Waste Description:</i>		PHOTOPROCESSING WASTES		
8	1 of 1	58.6	ON	BORE
<i>Borehole ID:</i>		613656		
<i>Type:</i>		Borehole		
<i>Use:</i>				
<i>Status:</i>				
<i>Drill Method:</i>				
<i>UTM Zone:</i>		18		
<i>Easting:</i>		445551.000		
<i>Northing:</i>		5031442.000		
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i>		57.299999		
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i>		56.400002		
<i>Total Depth(m):</i>		7.700000		
<i>Primary Name:</i>				
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
<i>Completion Date:</i>		1971-JUL		
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i>		218396037		

Map Key	Number of Records	Elevation m	Site	DB
Top Depth(m):		0		
Bottom Depth(m):		1.100000		
Stratum Desc:		ARTIFICIAL.		
+				
Stratum ID:		218396038		
Top Depth(m):		1.100000		
Bottom Depth(m):		1.600000		
Stratum Desc:		TILL. DENSE.		
+				
Stratum ID:		218396039		
Top Depth(m):		1.600000		
Bottom Depth(m):		3.100000		
Stratum Desc:		BEDROCK.		
+				
Stratum ID:		218396040		
Top Depth(m):		3.100000		
Bottom Depth(m):		4.600000		
Stratum Desc:		BEDROCK.		
+				
Stratum ID:		218396041		
Top Depth(m):		4.600000		
Bottom Depth(m):		6.100000		
Stratum Desc:		BEDROCK.		
+				
Stratum ID:		218396042		
Top Depth(m):		6.100000		
Bottom Depth(m):		7.700000		
Stratum Desc:		BEDROCK. 00000 015 00035 010 00000018 STIFF. SAND. DENSE. SAND. DENSE. UNSPECIFIED		

9 **1 of 1** **60.0** **ON** **BORE**

Borehole ID: 848073
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445735.000
Northing: 5031657.000
Location Accuracy:
Orig. Ground Elevation(m): 57.500000
Elev. Reliability Note:
DEM Ground Elevation(m): 59.700001
Total Depth(m): 7
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT D
Lot: LOT O
Municipality:
Completion Date: 1962-JUN-7
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Stratum ID: 6559844
Top Depth(m): 0
Bottom Depth(m): 1.800000
Stratum Desc: LOOSE TO COMPACT DARK BROWN SILTY SAND WITH GRAVEL, TRACE OF ORGANIC

Map Key	Number of Records	Elevation m	Site	DB
			MATTER (FILL)	
			+ Stratum ID: 6559845 Top Depth(m): 1.800000 Bottom Depth(m): 3.700000 Stratum Desc: COMPACT BROWN SANDY GRAVEL AND COBBLES & BOULDERS WITH TRACE OF SILT	
			+ Stratum ID: 6559846 Top Depth(m): 3.700000 Bottom Depth(m): 4 Stratum Desc: DENSE GREY SILTY SAND WITH GRAVEL, TRACE CLAY	
			+ Stratum ID: 6559847 Top Depth(m): 4 Bottom Depth(m): 7 Stratum Desc: SOUND MOTTLED GREY-BROWN ARGILLAVEOUS LIMESTONE BEDROCK	
10	1 of 1	60.0	ON	<u>BORE</u>
			Borehole ID: 848063 Type: Borehole Use: Geotechnical/Geological Investigation Status: Decommissioned Drill Method: Power auger UTM Zone: 18 Easting: 445674.000 Northing: 5031713.000 Location Accuracy: Orig. Ground Elevation(m): 55.700001 Elev. Reliability Note: DEM Ground Elevation(m): 59.700001 Total Depth(m): 1.800000 Primary Name: Township: NEPEAN Concession: BROKEN FRONT C Lot: LOT O Municipality: Completion Date: 1962-JAN-29 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:	
			--- Details --- Stratum ID: 6559817 Top Depth(m): 0 Bottom Depth(m): 1.800000 Stratum Desc: LOOSE TO COMPACT DARK BROWN SILTY SAND WITH SOME GRAVEL (FILL)	
11	1 of 1	60.0	ON	<u>BORE</u>
			Borehole ID: 801349 Type: Borehole Use: Geotechnical/Geological Investigation Status: Drill Method: Boring UTM Zone: 18 Easting: 445728.248 Northing: 5031683.494	

Map Key	Number of Records	Elevation m	Site	DB
<i>Location Accuracy:</i>				
		Orig. Ground Elevation(m):	57.500000	
		<i>Elev. Reliability Note:</i>		
		DEM Ground Elevation(m):	60.400002	
		Total Depth(m):	4.700000	
		Primary Name:	BH R-43	
		<i>Township:</i>		
		<i>Concession:</i>		
		<i>Lot:</i>		
		<i>Municipality:</i>		
		Completion Date:	1962-JUN-13	
		Static Water Level:	4.500000	
		<i>Primary Water Use:</i>		
		<i>Secondary Water Use:</i>		
		<i>Location Description:</i>		
--- Details ---				
		Stratum ID:	218567851	
		Top Depth(m):	0	
		Bottom Depth(m):	0.900000	
		Stratum Desc:	Dark Brown Very Loose Fill-Misc Silt - Sand With: Constr Debris Trace: Gr	
		+		
		Stratum ID:	218567852	
		Top Depth(m):	0.900000	
		Bottom Depth(m):	3.500000	
		Stratum Desc:	Brown to Grey Compact sand silt Trace: Gr	
		+		
		Stratum ID:	218567853	
		Top Depth(m):	3.500000	
		Bottom Depth(m):	4.100000	
		Stratum Desc:	Boulders With: Sa W Gr W Cob	
		+		
		Stratum ID:	218567854	
		Top Depth(m):	4.100000	
		Bottom Depth(m):	4.700000	
		Stratum Desc:	Grey Bedrock Limestone	

12 **1 of 1** **60.0** **ON** **BORE**

Borehole ID: 848072
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445758.000
Northing: 5031648.000
Location Accuracy:
Orig. Ground Elevation(m): 58
Elev. Reliability Note:
DEM Ground Elevation(m): 59
Total Depth(m): 7.100000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT D
Lot: LOT O
Municipality:
Completion Date: 1962-JUN-6
Static Water Level:
Primary Water Use:
Secondary Water Use:

Map Key	Number of Records	Elevation m	Site	DB
<i>Location Description:</i>				
--- Details ---				
	Stratum ID:	6559840		
	Top Depth(m):	0		
	Bottom Depth(m):	1.500000		
	Stratum Desc:	LOOSE TO COMPACT DARK BROWN SILTY SAND WITH GRAVEL, TRACE OF ORGANIC MATTER (FILL)		
	+			
	Stratum ID:	6559841		
	Top Depth(m):	1.500000		
	Bottom Depth(m):	3.400000		
	Stratum Desc:	COMPACT BROWN SANDY GRAVEL AND COBBLES & BOULDERS WITH TRACE OF SILT		
	+			
	Stratum ID:	6559842		
	Top Depth(m):	3.400000		
	Bottom Depth(m):	3.900000		
	Stratum Desc:	COMPACT TO DENSE GREY SILTY SAND WITH GRAVEL, TRACE OF CLAY		
	+			
	Stratum ID:	6559843		
	Top Depth(m):	3.900000		
	Bottom Depth(m):	7.100000		
	Stratum Desc:	MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK, SOUND BELOW EL. 176.7		

13	1 of 1	57.7	R.M. OF OTTAWA-CARLETON BOLTON/DALHOUSE ST/KING EDWARD OTTAWA CITY ON	CA
-----------	---------------	-------------	--	---------------------------

Certificate #: 7-0033-95-
 Application Year: 95
 Issue Date: 1/27/1995
 Approval Type: Municipal water
 Status: Approved
 Application Type:
 Client Name:
 Client Address:
 Client City:
 Client Postal Code:
 Project Description:
 Contaminants:
 Emission Control:

14	1 of 21	57.8	Lester B. Pearson Building 125 Sussex Drive Ottawa ON K1A 0H7	CA
-----------	----------------	-------------	--	---------------------------

Certificate #: 3862-4TCPUT
 Application Year: 01
 Issue Date: 1/30/01
 Approval Type: Industrial air
 Status: Approved
 Application Type: New Certificate of Approval
 Client Name: Public Works and Government Services Canada
 Client Address: 11 Laurier Street, Portage III, Room 8A1
 Client City: Hull
 Client Postal Code: K1A 0S5
 Project Description: Approval is sought for the installation of one 1250 kW diesel emergency generator.
 Contaminants:
 Emission Control: Enclosure

Map Key	Number of Records	Elevation m	Site	DB
14	2 of 21	57.8	FOREIGN AFFAIRS AND INTERNATIONAL TRADE 125 SUSSEX DRIVE, TOWER D2 L.B. PEARSON BUILDING OTTAWA ON K1A 0G2	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON1715900		
Approval Yrs:		93,96,97,98,99,00,01		
--- Details ---				
Waste Code:		112		
Waste Description:		ACID WASTE - HEAVY METALS		
+				
Waste Code:		121		
Waste Description:		ALKALINE WASTES - HEAVY METALS		
+				
Waste Code:		122		
Waste Description:		ALKALINE WASTES - OTHER METALS		
+				
Waste Code:		264		
Waste Description:		PHOTOPROCESSING WASTES		
14	3 of 21	57.8	HEALTH AND WELFARE CANADA HEALTH UNIT #40, RM. 145, BLOCK C-1, 125 125 SUSSEX DR., LB PEARSON BLDG (EXT AF) OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8635		
SIC Description:		PUB. HEALTH CLINICS		
Generator #:		ON0095624		
Approval Yrs:		92,93,97		
--- Details ---				
Waste Code:		312		
Waste Description:		PATHOLOGICAL WASTES		
14	4 of 21	57.8	GVT. OF CAN.-(SEE&USE ON0249612) 18-190 PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144716		
Approval Yrs:		92,93,94,95,96,97		
--- Details ---				
Waste Code:		213		
Waste Description:		PETROLEUM DISTILLATES		
14	5 of 21	57.8	GVT. OF CANADA-PUBLIC WORKS CANADA EXTERNAL AFFAIRS CAN., 125 SUSSEX DRIVE C/O 140 PROMENADE DU PORTAGE OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144746		

Map Key	Number of Records	Elevation m	Site	DB
Approval Yrs:		89,90		
--- Details ---				
Waste Code:		264		
Waste Description:		PHOTOPROCESSING WASTES		
14	6 of 21	57.8	PUBLIC WORKS CANADA L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		561799		
SIC Description:		All Other Services to Buildings and Dwellings		
Generator #:		ON0144746		
Approval Yrs:		2009		
--- Details ---				
Waste Code:		112		
Waste Description:		ACID WASTE - HEAVY METALS		
+				
Waste Code:		121		
Waste Description:		ALKALINE WASTES - HEAVY METALS		
+				
Waste Code:		122		
Waste Description:		ALKALINE WASTES - OTHER METALS		
+				
Waste Code:		145		
Waste Description:		PAINT/PIGMENT/COATING RESIDUES		
+				
Waste Code:		146		
Waste Description:		OTHER SPECIFIED INORGANICS		
+				
Waste Code:		148		
Waste Description:		INORGANIC LABORATORY CHEMICALS		
+				
Waste Code:		212		
Waste Description:		ALIPHATIC SOLVENTS		
+				
Waste Code:		213		
Waste Description:		PETROLEUM DISTILLATES		
+				
Waste Code:		243		
Waste Description:		PCBS		
+				
Waste Code:		251		
Waste Description:		OIL SKIMMINGS & SLUDGES		
+				
Waste Code:		252		
Waste Description:		WASTE OILS & LUBRICANTS		
+				
Waste Code:		263		
Waste Description:		ORGANIC LABORATORY CHEMICALS		
+				
Waste Code:		331		
Waste Description:		WASTE COMPRESSED GASES		

14	7 of 21	57.8	SNC LAVALIN O&M LESTER B. PEARSON BLDG 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	<u>GEN</u>
-----------	----------------	-------------	--	-------------------

SIC Code:
SIC Description:

Map Key	Number of Records	Elevation m	Site	DB
Generator #:		ON9676652		
Approval Yrs:		As of Apr 2012		
--- Details ---				
Waste Code:		112		
Waste Description:		Acid solutions - containing heavy metals		
+				
Waste Code:		121		
Waste Description:		Alkaline slutions - containing heavy metals		
+				
Waste Code:		145		
Waste Description:		Wastes from the use of pigments, coatings and paints		
+				
Waste Code:		331		
Waste Description:		Waste compressed gases including cylinders		
14	8 of 21	57.8	GVT. OF CAN. - PUBLIC WORKS CANADA PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144716		
Approval Yrs:		86,87,88,89		
--- Details ---				
Waste Code:		264		
Waste Description:		PHOTOPROCESSING WASTES		
14	9 of 21	57.8	GVT. OF CAN. (OUT OF BUSINESS) PEARSON COMPOSITION CENTRE 125 SUSSEX DR., ROOM BG-227 OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144716		
Approval Yrs:		90		
14	10 of 21	57.8	GVT. OF CAN-EXTERNAL AFFAIRS 16-331 PUBLIC WKS.CAN. BLD. SERV.125 SUSSEXDR. TOWERD2(MISA)C/O140PROM.DU PORTLEVEL 2 OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON1715900		
Approval Yrs:		94,95		
--- Details ---				
Waste Code:		264		
Waste Description:		PHOTOPROCESSING WASTES		
14	11 of 21	57.8	PUBLIC WORKS & GOVERNMENT SERVICES CANADA 125 SUSSEX DRIVE L.B.PEARSON BUILDING OTTAWA ON K1A 0H7	<u>GEN</u>

Map Key	Number of Records	Elevation m	Site	DB
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144746		
Approval Yrs:		92,93,96,97		
--- Details ---				
Waste Code:		146		
Waste Description:		OTHER SPECIFIED INORGANICS		
+				
Waste Code:		212		
Waste Description:		ALIPHATIC SOLVENTS		
+				
Waste Code:		222		
Waste Description:		HEAVY FUELS		
+				
Waste Code:		243		
Waste Description:		PCB'S		
+				
Waste Code:		252		
Waste Description:		WASTE OILS & LUBRICANTS		
+				
Waste Code:		264		
Waste Description:		PHOTOPROCESSING WASTES		

14	12 of 21	57.8	PUBLIC WORKS CANADA L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	<u>GEN</u>
-----------	-----------------	-------------	--	-------------------

SIC Code:		8159
SIC Description:		OTHER GEN. ADMIN.
Generator #:		ON0144746
Approval Yrs:		98,99,00,01,02,03,04,06,07,08
--- Details ---		
Waste Code:		112
Waste Description:		ACID WASTE - HEAVY METALS
+		
Waste Code:		121
Waste Description:		ALKALINE WASTES - HEAVY METALS
+		
Waste Code:		122
Waste Description:		ALKALINE WASTES - OTHER METALS
+		
Waste Code:		145
Waste Description:		PAINT/PIGMENT/COATING RESIDUES
+		
Waste Code:		148
Waste Description:		INORGANIC LABORATORY CHEMICALS
+		
Waste Code:		213
Waste Description:		PETROLEUM DISTILLATES
+		
Waste Code:		251
Waste Description:		OIL SKIMMINGS & SLUDGES
+		
Waste Code:		263
Waste Description:		ORGANIC LABORATORY CHEMICALS
+		
Waste Code:		331
Waste Description:		WASTE COMPRESSED GASES
+		
Waste Code:		146

Map Key	Number of Records	Elevation m	Site	DB
<i>Waste Description:</i> OTHER SPECIFIED INORGANICS + <i>Waste Code:</i> 212 <i>Waste Description:</i> ALIPHATIC SOLVENTS + <i>Waste Code:</i> 222 <i>Waste Description:</i> HEAVY FUELS + <i>Waste Code:</i> 243 <i>Waste Description:</i> PCB'S + <i>Waste Code:</i> 252 <i>Waste Description:</i> WASTE OILS & LUBRICANTS				
14	13 of 21	57.8	HEALTH AND WELFARE CANADA 125 SUSSEX DR., LB PEARSON BLDG (EXT AF) HEALTH UNIT #40, ROOM 145, BLOCK C-1 OTTAWA ON K1A 0G2	GEN
<i>SIC Code:</i> 8635 <i>SIC Description:</i> PUB. HEALTH CLINICS <i>Generator #:</i> ON0095624 <i>Approval Yrs:</i> 98,99,00,01 --- Details --- <i>Waste Code:</i> 312 <i>Waste Description:</i> PATHOLOGICAL WASTES				
14	14 of 21	57.8	GVT. OF CAN-(OUT OF BUS) 18-190 PEARSON COMPOSITION CENTRE 125 SUSSEX DR. RM. BG-227 OTTAWA ON K1A 0H7	GEN
<i>SIC Code:</i> 8159 <i>SIC Description:</i> OTHER GEN. ADMIN. <i>Generator #:</i> ON0249612 <i>Approval Yrs:</i> 92,93,94,95,96,97 --- Details --- <i>Waste Code:</i> 213 <i>Waste Description:</i> PETROLEUM DISTILLATES				
14	15 of 21	57.8	PUBLIC WORKS CANADA L. B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0G2	GEN
<i>SIC Code:</i> <i>SIC Description:</i> <i>Generator #:</i> ON0144746 <i>Approval Yrs:</i> As of Apr 2012 --- Details --- <i>Waste Code:</i> 112 <i>Waste Description:</i> Acid solutions - containing heavy metals + <i>Waste Code:</i> 121 <i>Waste Description:</i> Alkaline slutions - containing heavy metals + <i>Waste Code:</i> 122 <i>Waste Description:</i> Alkaline slutions - containing other metals and non-metals (not cyanide)				

Map Key	Number of Records	Elevation m	Site	DB
+ Waste Code: Waste Description:		145 145	Wastes from the use of pigments, coatings and paints	
+ Waste Code: Waste Description:		146 146	Other specified inorganic sludges, slurries or solids	
+ Waste Code: Waste Description:		212 212	Aliphatic solvents and residues	
+ Waste Code: Waste Description:		213 213	Petroleum distillates	
+ Waste Code: Waste Description:		251 251	Waste oils/sludges (petroleum based)	
+ Waste Code: Waste Description:		252 252	Waste crankcase oils and lubricants	
+ Waste Code: Waste Description:		263 263	Misc. waste organic chemicals	
+ Waste Code: Waste Description:		331 331	Waste compressed gases including cylinders	
14	16 of 21	57.8	GVT. OF CANADA-PUBLIC WORKS CANADA18-340 L.B. PEARSON BUILDING 125 SUSSEX DRIVE OTTAWA ON K1A 0H7	GEN
SIC Code: SIC Description: Generator #: Approval Yrs:		8159 OTHER GEN. ADMIN. ON0144746 94,95		
--- Details ---				
Waste Code: Waste Description:		212 212	ALIPHATIC SOLVENTS	
+ Waste Code: Waste Description:		222 222	HEAVY FUELS	
+ Waste Code: Waste Description:		243 243	PCB'S	
+ Waste Code: Waste Description:		252 252	WASTE OILS & LUBRICANTS	
14	17 of 21	57.8	GVT. OF CAN-(OUT OF BUSINESS) PEARSON COMPOSITION CENTRE 125 SUSSEX DRIVE, ROOM BG-227 OTTAWA ON K1A 0H7	GEN
SIC Code: SIC Description: Generator #: Approval Yrs:		8159 OTHER GEN. ADMIN. ON0249612 98		
--- Details ---				
Waste Code: Waste Description:		213 213	PETROLEUM DISTILLATES	

Map Key	Number of Records	Elevation m	Site	DB
14	18 of 21	57.8	PUBLIC WORKS PEARSON COMPOSITION CENTRE 125 SUSSEX DRIVE, ROOM BG-227 OTTAWA ON K1A 0H7	<u>GEN</u>
SIC Code:		8159		
SIC Description:		OTHER GEN. ADMIN.		
Generator #:		ON0144716		
Approval Yrs:		98		
--- Details ---				
Waste Code:		213		
Waste Description:		PETROLEUM DISTILLATES		
14	19 of 21	57.8	GVT OF CAN-HEALTH&WELFARE CAN.MED.16-310 SER.BR,UNIT#40,RM145, BLOCK C-1,125 SUSSEX DR,L.B.PEARSON,C/O 301 ELGIN ST OTTAWA ON K1A 0L3	<u>GEN</u>
SIC Code:		8635		
SIC Description:		PUB. HEALTH CLINICS		
Generator #:		ON0095624		
Approval Yrs:		94,95,96		
--- Details ---				
Waste Code:		312		
Waste Description:		PATHOLOGICAL WASTES		
14	20 of 21	57.8	PUBLIC WORKS CANADA NATIONAL CAPITAL DISTRICT THRE 125 SUSSEX DR OTTAWA ON K1A 0H7	<u>PRT</u>
Location ID:		11125		
Type:		private		
Expiry Date:				
Capacity (L):		4500.00		
Licence #:		0001041734		
14	21 of 21	57.8	Waste Management of Canada Corporation 125 Sussex Dr. Ottawa ON K1A 0H7	<u>SPL</u>
Ref No.:		1216-875LLL		
Incident Dt:				
MOE Reported Dt:		7/7/2010		
Contaminant Name:		HYDRAULIC OIL		
Contaminant Quantity:		50 L		
Incident Summary:		Waste Management: Hydraulic Oil to Road, Cln		
Incident Cause:		Pipe Or Hose Leak		
Incident Reason:		Spill		
Nature of Impact:		Other Impact(s)		
Receiving Medium:				
Environmental Impact:		Not Anticipated		
15	1 of 1	59.7	Aga Khan Foundation Canada	<u>RSC</u>

Map Key	Number of Records	Elevation m	Site	DB
Vacant Land ON				
<i>Date Submitted:</i>		21-Sep-06		
<i>Date Acknowledg.:</i>				
<i>Date Returned:</i>				
<i>Certification Date:</i>		16-Aug-06		
<i>Soil Type:</i>				
<i>Restoration Type:</i>				
<i>Registration #:</i>		3671		
<i>Stratified (Y/N):</i>				
<i>Criteria:</i>				
<i>Consultant:</i>				
<i>District Office:</i>		OTTAWA		
<i>Intended Prop Use:</i>		Community		
<i>Current Property Use:</i>		Commercial		
<i>Certificate Prop Use #:</i>		No CPU		
<i>Applicable Standards:</i>		Full Depth Site Conditions Standard, with Nonpotable Ground Water, Coarse Textured Soil, for Industrial/Commercial/Community property use with Risk As		
<i>Legal Description:</i>		Part of Lot 2, Registrar's Compiled Plan No. 611769, in the city of Ottawa, Regional Municipality of Ottawa Carleton, designated as Parts 1, 2, 3 and 4 on Plan 4R-16276. Subject to an easement over Part 3 on Plan 4R-16276 as described in Instrument CR660361. Subject to an easement over Part 4 on Plan 4R-16276 as described in Instrument CR654825 and CR665177.		
<i>Prop. Identification #:</i>		04216-0162		
<i>Entire legal prop. (y/n):</i>		Yes		
<i>UTM Coordinates:</i>		NAD83 18-445455-5031491		
<i>Latitude & Longitude:</i>		45.43481340N 75.69735590W (converted from UTM)		
<i>Accuracy Estimate:</i>		2 to 5 meters		
<i>Measurement Method:</i>		Digitized from a map		
<i>CPU Issued Sect 1686:</i>		No		

16	1 of 1	59.9	ON	<u>BORE</u>
ON				
<i>Borehole ID:</i>		848060		
<i>Type:</i>		Borehole		
<i>Use:</i>		Geotechnical/Geological Investigation		
<i>Status:</i>		Decommissioned		
<i>Drill Method:</i>		Boring		
<i>UTM Zone:</i>		18		
<i>Easting:</i>		445743.000		
<i>Northing:</i>		5031706.000		
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i>		57.200001		
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i>		58.400002		
<i>Total Depth(m):</i>		5.900000		
<i>Primary Name:</i>				
<i>Township:</i>		NEPEAN		
<i>Concession:</i>		BROKEN FRONT D		
<i>Lot:</i>		LOT O		
<i>Municipality:</i>				
<i>Completion Date:</i>		1962-JAN-30		
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i>		6559809		
<i>Top Depth(m):</i>		0		

Map Key	Number of Records	Elevation m	Site	DB
Bottom Depth(m):		1		
Stratum Desc:		LOOSE DARK BROWN SANDY TOPSOIL (FILL)		
+				
Stratum ID:		6559810		
Top Depth(m):		1		
Bottom Depth(m):		3.400000		
Stratum Desc:		LOOSE TO DENSE GREY-BROWN TO GREY SILT WITH TRACE OF CLAY TO SANDY SILT		
+				
Stratum ID:		6559811		
Top Depth(m):		3.400000		
Bottom Depth(m):		5.900000		
Stratum Desc:		MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK CLAY SEAM AT ELEV. 174, SLIGHT FRACTURING AND WEATHERING TO ELEV. 173		

17 **1 of 1** **58.6** **198 Boteler Street** **EHS**
Ottawa ON K1N 5A7

Order No.: 20080902016
Report Date: 9/4/2008
Report Type: Standard Report
Search Radius (km): 0.25
Addit. Info Ordered: Fire Insur. Maps and/or Site Plans

18 **1 of 1** **59.6** **ON** **BORE**

Borehole ID: 848061
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Power auger
UTM Zone: 18
Easting: 445754.000
Northing: 5031707.000
Location Accuracy:
Orig. Ground Elevation(m): 57.200001
Elev. Reliability Note:
DEM Ground Elevation(m): 57.299999
Total Depth(m): 3.300000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT D
Lot: LOT O
Municipality:
Completion Date: 1962-JAN-27
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Stratum ID: 6559812
Top Depth(m): 0
Bottom Depth(m): 1.100000
Stratum Desc: LOOSE DARK BROWN SANDY TOPSOIL (FILL)
+
Stratum ID: 6559813
Top Depth(m): 1.100000
Bottom Depth(m): 3.300000
Stratum Desc: COMPACT TO DENSE GREY-BROWN TO GREY SILT WITH TRACE OF CLAY AND FINE SAND

Map Key	Number of Records	Elevation m	Site	DB
19	1 of 1	57.0	ON	<u>BORE</u>
<i>Borehole ID:</i> 613695				
<i>Type:</i> Borehole				
<i>Use:</i>				
<i>Status:</i>				
<i>Drill Method:</i>				
<i>UTM Zone:</i> 18				
<i>Easting:</i> 445541.000				
<i>Northing:</i> 5031742.000				
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i> 56.400002				
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i> 56.900002				
<i>Total Depth(m):</i> -999.000000				
<i>Primary Name:</i>				
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
<i>Completion Date:</i>				
<i>Static Water Level:</i> 29				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i> 218396221				
<i>Top Depth(m):</i> 0				
<i>Bottom Depth(m):</i> 2.700000				
<i>Stratum Desc:</i> GRAVEL. COMPACT.				
+				
<i>Stratum ID:</i> 218396222				
<i>Top Depth(m):</i> 2.700000				
<i>Bottom Depth(m):</i>				
<i>Stratum Desc:</i> BEDROCK. STABLE AT 89.7 FEET.T. DENSE. UNSPECIFIED. DENSE. UNSPECIFIED. DENSE. UNSPECIF				
20	1 of 1	59.5	ON	<u>BORE</u>
<i>Borehole ID:</i> 848057				
<i>Type:</i> Borehole				
<i>Use:</i> Geotechnical/Geological Investigation				
<i>Status:</i> Decommissioned				
<i>Drill Method:</i> Boring				
<i>UTM Zone:</i> 18				
<i>Easting:</i> 445763.000				
<i>Northing:</i> 5031708.000				
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i> 57.099998				
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i> 56.400002				
<i>Total Depth(m):</i> 6.700000				
<i>Primary Name:</i>				
<i>Township:</i> NEPEAN				
<i>Concession:</i> BROKEN FRONT D				
<i>Lot:</i> LOT O				
<i>Municipality:</i>				

Map Key	Number of Records	Elevation m	Site	DB
Completion Date:		1962-JAN-27		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		6559801		
Top Depth(m):		0		
Bottom Depth(m):		0.500000		
Stratum Desc:		LOOSE BLACK SANDY TOPSOIL (FILL)		
+				
Stratum ID:		6559802		
Top Depth(m):		0.500000		
Bottom Depth(m):		3.400000		
Stratum Desc:		DENSE GREY-BROWN TO GREY SILT WITH TRACE CLAY AND FINE SAND (THIN SAND SEAMS WITH DEPTH)		
+				
Stratum ID:		6559803		
Top Depth(m):		3.400000		
Bottom Depth(m):		6.700000		
Stratum Desc:		MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK SOUND BELOW ELEV. 175.5		
21	1 of 1	57.5	The Veiled Eye 245 Bolton St Ottawa ON K1N 5B5	SCT
Established:		01-SEP-05		
Plant Size (ft²):				
Employment:				
--- Details ---				
SIC/NAICS Code:		339990		
Description:		All Other Miscellaneous Manufacturing		
+				
SIC/NAICS Code:		315299		
Description:		All Other Cut and Sew Clothing Manufacturing		
+				
SIC/NAICS Code:		711311		
Description:		Live Theatres and Other Performing Arts Presenters with Facilities		
+				
SIC/NAICS Code:		611690		
Description:		All Other Schools and Instruction		
+				
SIC/NAICS Code:		315299		
Description:		All Other Cut and Sew Clothing Manufacturing		
+				
SIC/NAICS Code:		611610		
Description:		Fine Arts Schools		
22	1 of 1	58.1	ON	BORE
Borehole ID:		613641		
Type:		Borehole		
Use:				
Status:				
Drill Method:				
UTM Zone:		18		
Easting:		445531.000		
Northing:		5031382.000		

Map Key	Number of Records	Elevation m	Site	DB
<i>Location Accuracy:</i>				
	<i>Orig. Ground Elevation(m):</i>	57.299999		
<i>Elev. Reliability Note:</i>				
	<i>DEM Ground Elevation(m):</i>	56.799999		
	<i>Total Depth(m):</i>	6		
<i>Primary Name:</i>				
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
	<i>Completion Date:</i>	1973-MAR		
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
	<i>Stratum ID:</i>	218395955		
	<i>Top Depth(m):</i>	0		
	<i>Bottom Depth(m):</i>	0.800000		
	<i>Stratum Desc:</i>	ARTIFICIAL.		
+				
	<i>Stratum ID:</i>	218395956		
	<i>Top Depth(m):</i>	0.800000		
	<i>Bottom Depth(m):</i>	1.500000		
	<i>Stratum Desc:</i>	ARTIFICIAL.		
+				
	<i>Stratum ID:</i>	218395957		
	<i>Top Depth(m):</i>	1.500000		
	<i>Bottom Depth(m):</i>	3		
	<i>Stratum Desc:</i>	BEDROCK.		
+				
	<i>Stratum ID:</i>	218395958		
	<i>Top Depth(m):</i>	3		
	<i>Bottom Depth(m):</i>	4.500000		
	<i>Stratum Desc:</i>	BEDROCK.		
+				
	<i>Stratum ID:</i>	218395959		
	<i>Top Depth(m):</i>	4.500000		
	<i>Bottom Depth(m):</i>	6		
	<i>Stratum Desc:</i>	BEDROCK. 00000 025 00025 030 00025069GREY,SOFT,STIFF. CLAY. GREY,STIFF. SILT. LOOS		

23 **1 of 1** **58.8** **ON** **BORE**

Borehole ID: 801332
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Boring
UTM Zone: 18
Easting: 445772.255
Northing: 5031712.669
Location Accuracy:
Orig. Ground Elevation(m): 57.200001
Elev. Reliability Note:
DEM Ground Elevation(m): 55.700001
Total Depth(m): 6.900000
Primary Name: BH 31
Township:
Concession:

Map Key	Number of Records	Elevation m	Site	DB
Lot:				
Municipality:				
Completion Date:		1962-JAN-24		
Static Water Level:		1.200000		
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218567798		
Top Depth(m):		4.300000		
Bottom Depth(m):		6.900000		
Stratum Desc:		Grey-Brown Bedrock Limestone		
+				
Stratum ID:		218567794		
Top Depth(m):		0		
Bottom Depth(m):		1.600000		
Stratum Desc:		Grey-Brown Compact to Very Dense Sand - Gravel Trace: Si Tr Cob		
+				
Stratum ID:		218567795		
Top Depth(m):		1.600000		
Bottom Depth(m):		3.500000		
Stratum Desc:		Grey Compact to Dense Boulders With: Sa W Gr W Cob		
+				
Stratum ID:		218567796		
Top Depth(m):		3.500000		
Bottom Depth(m):		3.900000		
Stratum Desc:		Grey-Brown Compact Sand		
+				
Stratum ID:		218567797		
Top Depth(m):		3.900000		
Bottom Depth(m):		4.300000		
Stratum Desc:		Grey Base Boulders		

24 **1 of 1** **57.6** **ON** **BORE**

Borehole ID: 848065
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Power auger
UTM Zone: 18
Easting: 445825.000
Northing: 5031618.000
Location Accuracy:
Orig. Ground Elevation(m): 57.500000
Elev. Reliability Note:
DEM Ground Elevation(m): 56.799999
Total Depth(m): 1.800000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT D
Lot: LOT O
Municipality:
Completion Date: 1962-JAN-30
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Map Key	Number of Records	Elevation m	Site	DB
<hr/> <i>Stratum ID:</i> 6559821 <i>Top Depth(m):</i> 0 <i>Bottom Depth(m):</i> 1.800000 <i>Stratum Desc:</i> COMPACT TO DENSE, GREY-BROWN SANDY GRAVEL WITH TRACE OF SILT AND COBBLES <hr/>				
25	1 of 1	58.4	Office of the Public Guardian and Trustee 178 Cathcart Street Ottawa ON K1N 5B9	GEN
<i>SIC Code:</i> <i>SIC Description:</i> <i>Generator #:</i> ON6104719 <i>Approval Yrs:</i> 02,03,04 --- Details --- <i>Waste Code:</i> 221 <i>Waste Description:</i> LIGHT FUELS <hr/>				
26	1 of 1	58.4	ON	BORE
<i>Borehole ID:</i> 801337 <i>Type:</i> Borehole <i>Use:</i> Geotechnical/Geological Investigation <i>Status:</i> <i>Drill Method:</i> Boring <i>UTM Zone:</i> 18 <i>Easting:</i> 445761.952 <i>Northing:</i> 5031729.859 <i>Location Accuracy:</i> <i>Orig. Ground Elevation(m):</i> 57.599998 <i>Elev. Reliability Note:</i> <i>DEM Ground Elevation(m):</i> 56.700001 <i>Total Depth(m):</i> 7.300000 <i>Primary Name:</i> BH 39 <i>Township:</i> <i>Concession:</i> <i>Lot:</i> <i>Municipality:</i> <i>Completion Date:</i> 1962-FEB-2 <i>Static Water Level:</i> <i>Primary Water Use:</i> <i>Secondary Water Use:</i> <i>Location Description:</i> --- Details --- <i>Stratum ID:</i> 218567813 <i>Top Depth(m):</i> 0 <i>Bottom Depth(m):</i> 1.800000 <i>Stratum Desc:</i> Brown Loose to Compact Sand - Gravel Trace: Si Tr Cob + <i>Stratum ID:</i> 218567814 <i>Top Depth(m):</i> 1.800000 <i>Bottom Depth(m):</i> 4.600000 <i>Stratum Desc:</i> Grey Compact Boulders With: Sa W Gr W Cob + <i>Stratum ID:</i> 218567815 <i>Top Depth(m):</i> 4.600000 <i>Bottom Depth(m):</i> 7.300000 <i>Stratum Desc:</i> Grey-Brown Bedrock Limestone <hr/>				

Map Key	Number of Records	Elevation m	Site	DB
27	1 of 1	58.6	ON	BORE
Borehole ID: 613644				
Type: Borehole				
Use:				
Status:				
Drill Method:				
UTM Zone: 18				
Easting: 445511.000				
Northing: 5031382.000				
Location Accuracy:				
Orig. Ground Elevation(m): 57.200001				
Elev. Reliability Note:				
DEM Ground Elevation(m): 57.200001				
Total Depth(m): 10.700000				
Primary Name:				
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date: 1971-JUL				
Static Water Level: 5.400000				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID: 218395972				
Top Depth(m): 1.600000				
Bottom Depth(m): 3.100000				
Stratum Desc: BEDROCK.				
+				
Stratum ID: 218395973				
Top Depth(m): 3.100000				
Bottom Depth(m): 4.600000				
Stratum Desc: BEDROCK.				
+				
Stratum ID: 218395974				
Top Depth(m): 4.600000				
Bottom Depth(m): 6.200000				
Stratum Desc: BEDROCK.				
+				
Stratum ID: 218395975				
Top Depth(m): 6.200000				
Bottom Depth(m): 7.700000				
Stratum Desc: BEDROCK. WATER STABLE AT 169.9 FEET.				
+				
Stratum ID: 218395976				
Top Depth(m): 7.700000				
Bottom Depth(m): 9.200000				
Stratum Desc: BEDROCK.				
+				
Stratum ID: 218395977				
Top Depth(m): 9.200000				
Bottom Depth(m): 10.700000				
Stratum Desc: BEDROCK. 00000 016 00050 011 0000000700180SE. BEDROCK. 00000 022 00040 020 0				
+				
Stratum ID: 218395970				
Top Depth(m): 0				
Bottom Depth(m): 1.500000				

Map Key	Number of Records	Elevation m	Site	DB
Stratum Desc:		ARTIFICIAL.		
+				
Stratum ID:		218395971		
Top Depth(m):		1.500000		
Bottom Depth(m):		1.600000		
Stratum Desc:		ROCK. WEATHERED.		

28 **1 of 1** **57.6** **ON** **BORE**

Borehole ID: 848064
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Power auger
UTM Zone: 18
Easting: 445825.000
Northing: 5031645.000
Location Accuracy:
Orig. Ground Elevation(m): 57.599998
Elev. Reliability Note:
DEM Ground Elevation(m): 56.400002
Total Depth(m): 7.300000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT D
Lot: LOT O
Municipality:
Completion Date: 1962-FEB-2
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Stratum ID: 6559818
Top Depth(m): 0
Bottom Depth(m): 1.800000
Stratum Desc: LOOSE TO COMPACT BROWN SANDY GRAVEL WITH TRACE OF SILT AND COBBLES
+
Stratum ID: 6559819
Top Depth(m): 1.800000
Bottom Depth(m): 4.600000
Stratum Desc: COMPACT GREY LIMESTONE COBBLES AND BOULDERS IN A MATRIX OF SAND AND GRAVEL
+
Stratum ID: 6559820
Top Depth(m): 4.600000
Bottom Depth(m): 7.300000
Stratum Desc: MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK, WEATHERED AND PARTLY FRACTURED TO ELEV. 168

29 **1 of 1** **57.1** **ON** **BORE**

Borehole ID: 848056
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445832.000

Map Key	Number of Records	Elevation m	Site	DB
Northing: Location Accuracy: Orig. Ground Elevation(m): Elev. Reliability Note: DEM Ground Elevation(m): Total Depth(m): Primary Name: Township: Concession: Lot: Municipality: Completion Date: Static Water Level: Primary Water Use: Secondary Water Use: Location Description:		5031628.000		

Stratum ID: Top Depth(m): Bottom Depth(m): Stratum Desc: + Stratum ID: Top Depth(m): Bottom Depth(m): Stratum Desc: + Stratum ID: Top Depth(m): Bottom Depth(m): Stratum Desc: + Stratum ID: Top Depth(m): Bottom Depth(m): Stratum Desc: + Stratum ID: Top Depth(m): Bottom Depth(m): Stratum Desc:		6559796 0 1.600000 COMPACT TO VERY DENSE GREY-BROWN SANDY GRAVEL, TRACE OF SILT AND COBBLES + 6559797 1.600000 3.500000 COMPACT TO DENSE GREY LIMESTONE COBBLES AND BOULDERS IN A MATRIX OF SAND AND GRANITIC GRAVEL + 6559798 3.500000 3.900000 COMPACT GREY-BROWN FINE TO MEDIUM SAND + 6559799 3.900000 4.300000 GREY LIMESTONE BOULDER + 6559800 4.300000 6.900000 MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK, WEATHERED AND PARTLY FRACTURED TO EL. 167		

30 **1 of 1** **58.7** **ON** **BORE**

Borehole ID: 613647
 Type: Borehole
 Use:
 Status:
 Drill Method:
 UTM Zone: 18
 Easting: 445491.000
 Northing: 5031392.000
 Location Accuracy:
 Orig. Ground Elevation(m): 57.200001
 Elev. Reliability Note:
 DEM Ground Elevation(m): 57.299999
 Total Depth(m): -999.000000
 Primary Name:

Map Key	Number of Records	Elevation m	Site	DB
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1973-MAR		
Static Water Level:		5.400000		
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218395986		
Top Depth(m):		0		
Bottom Depth(m):		1.700000		
Stratum Desc:		ARTIFICIAL.		
+				
Stratum ID:		218395987		
Top Depth(m):		1.700000		
Bottom Depth(m):		3.200000		
Stratum Desc:		BEDROCK.		
+				
Stratum ID:		218395988		
Top Depth(m):		3.200000		
Bottom Depth(m):		4.700000		
Stratum Desc:		BEDROCK.		
+				
Stratum ID:		218395989		
Top Depth(m):		4.700000		
Bottom Depth(m):				
Stratum Desc:		BEDROCK. 00000 025 00000109BEDROCK. STABLE AT 169.9 FEET.BEDROCK. BEDROCK. 00000 01		
31	1 of 1	57.9	216 Cathcart St. Ottawa ON K1N 5B9	<u>EHS</u>
Order No.:		20121010011		
Report Date:		18-OCT-12		
Report Type:		Standard Report		
Search Radius (km):		.25		
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans		
32	1 of 1	57.3	ON	<u>BORE</u>
Borehole ID:		613674		
Type:		Borehole		
Use:				
Status:				
Drill Method:				
UTM Zone:		18		
Easting:		445846.000		
Northing:		5031562.000		
Location Accuracy:				
Orig. Ground Elevation(m):		57		
Elev. Reliability Note:				
DEM Ground Elevation(m):		56.099998		
Total Depth(m):		6.600000		
Primary Name:				
Township:				
Concession:				

Map Key	Number of Records	Elevation m	Site	DB
Lot:				
Municipality:				
Completion Date:		1970-NOV		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218396113		
Top Depth(m):		0		
Bottom Depth(m):		1.700000		
Stratum Desc:		ARTIFICIAL.		
+				
Stratum ID:		218396114		
Top Depth(m):		1.700000		
Bottom Depth(m):		3		
Stratum Desc:		CLAY. BROWN,GREY,STIFF.		
+				
Stratum ID:		218396115		
Top Depth(m):		3		
Bottom Depth(m):		3.800000		
Stratum Desc:		SILT. DENSE.		
+				
Stratum ID:		218396116		
Top Depth(m):		3.800000		
Bottom Depth(m):		4.600000		
Stratum Desc:		UNSPECIFIED. DENSE.		
+				
Stratum ID:		218396117		
Top Depth(m):		4.600000		
Bottom Depth(m):		5		
Stratum Desc:		UNSPECIFIED.		
+				
Stratum ID:		218396118		
Top Depth(m):		5		
Bottom Depth(m):		6.600000		
Stratum Desc:		BEDROCK.00000 015 00055 045 00100 025 00125 015 00150 010 000000140010002000		

33 **1 of 1** **57.4** **251 Bolton Street** **EHS**
Ottawa ON K1N 5B5

Order No.: 20050928017
Report Date: 10/6/2005
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered:

34 **1 of 1** **58.1** **ON** **BORE**

Borehole ID: 801323
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Hollow stem auger
UTM Zone: 18
Easting: 445802.543
Northing: 5031711.604

Map Key	Number of Records	Elevation m	Site	DB
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i>		57.599998		
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i>		55.500000		
<i>Total Depth(m):</i>		13.200000		
<i>Primary Name:</i>		BH 6		
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
<i>Completion Date:</i>		1979-FEB-28		
<i>Static Water Level:</i>		3.500000		
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i>		218567759		
<i>Top Depth(m):</i>		2.100000		
<i>Bottom Depth(m):</i>		3.800000		
<i>Stratum Desc:</i>		Grey-Brown to Grey Compact to Loose Silt Trace: Cl		
+				
<i>Stratum ID:</i>		218567760		
<i>Top Depth(m):</i>		3.800000		
<i>Bottom Depth(m):</i>		5.800000		
<i>Stratum Desc:</i>		Grey Compact Till Silt With: Sa W Gr Trace: Cl Occasional: Cob Occ Blds		
+				
<i>Stratum ID:</i>		218567761		
<i>Top Depth(m):</i>		5.800000		
<i>Bottom Depth(m):</i>		6.700000		
<i>Stratum Desc:</i>		Grey Bedrock Limestone		
+				
<i>Stratum ID:</i>		218567762		
<i>Top Depth(m):</i>		6.700000		
<i>Bottom Depth(m):</i>		13.200000		
<i>Stratum Desc:</i>		Grey Bedrock Limestone		
+				
<i>Stratum ID:</i>		218567758		
<i>Top Depth(m):</i>		0		
<i>Bottom Depth(m):</i>		2.100000		
<i>Stratum Desc:</i>		Dark Light Brown to Brown Fill-Misc Silt - Sand With: Gr Occasional: Cob Occ Blds		

35 **1 of 1** **54.3** **ON** **BORE**

Borehole ID: 848068
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445394.000
Northing: 5031629.000
Location Accuracy:
Orig. Ground Elevation(m): 59.099998
Elev. Reliability Note:
DEM Ground Elevation(m): 59.299999
Total Depth(m): 15
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT C
Lot: LOT O

Map Key	Number of Records	Elevation m	Site	DB
Municipality: Completion Date: 1962-MAR-7 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:				
--- Details ---				
Stratum ID: 6559830				
Top Depth(m): 0				
Bottom Depth(m): 0.900000				
Stratum Desc: LOOSE TO COMPACT GREY-BROWN SILTY SAND WITH GRAVEL (FILL)				
+				
Stratum ID: 6559831				
Top Depth(m): 0.900000				
Bottom Depth(m): 15				
Stratum Desc: INTERBEDDED DARK GREY LIMESTONE AND BLACK SHALE BEDROCK WEATHERED AND PARTLY FRACTURED TO ELEV. 187 HEALED VERTICAL FRACTURES ELEV. 178 TO 172				

36	1 of 1	54.4	ON	<u>BORE</u>
Borehole ID: 848069 Type: Borehole Use: Geotechnical/Geological Investigation Status: Decommissioned Drill Method: Boring UTM Zone: 18 Easting: 445392.000 Northing: 5031621.000 Location Accuracy: Orig. Ground Elevation(m): 59.200001 Elev. Reliability Note: DEM Ground Elevation(m): 58.900002 Total Depth(m): 15.200000 Primary Name: Township: NEPEAN Concession: BROKEN FRONT C Lot: LOT O Municipality: Completion Date: 1962-MAR-8 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:				
--- Details ---				
Stratum ID: 6559832				
Top Depth(m): 0				
Bottom Depth(m): 0.900000				
Stratum Desc: LOOSE GREY-BROWN SILTY SAND (FILL)				
+				
Stratum ID: 6559833				
Top Depth(m): 0.900000				
Bottom Depth(m): 15.200000				
Stratum Desc: INTERBEDDED DARK GREY LIMESTONE AND BLACK SHALE BEDROCK WEATHERED AND PARTLY FRACTURED TO ELEV. 190				

37	1 of 1	60.4	ON	<u>BORE</u>
-----------	---------------	-------------	-----------	--------------------

Map Key	Number of Records	Elevation m	Site	DB
Borehole ID:		613673		
Type:		Borehole		
Use:				
Status:				
Drill Method:				
UTM Zone:		18		
Easting:		445381.000		
Northing:		5031552.000		
Location Accuracy:				
Orig. Ground Elevation(m):		58.900002		
Elev. Reliability Note:				
DEM Ground Elevation(m):		58.799999		
Total Depth(m):		-999.000000		
Primary Name:				
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1962-MAR		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218396111		
Top Depth(m):		0		
Bottom Depth(m):		1		
Stratum Desc:		FILL.		
+				
Stratum ID:		218396112		
Top Depth(m):		1		
Bottom Depth(m):				
Stratum Desc:		BEDROCK. GREY,WEATHERED,FRACTURED. E. UNSPECIFIED. DENSE. BEDROCK. 0000030 00050 0		

38	1 of 1	58.0	DONNA KEARNS TEXTILES 146 DALHOUSIE ST OTTAWA ON K1N 7C4	<u>SCT</u>
-----------	---------------	-------------	---	-------------------

Established: 1981
Plant Size (ft²): 0
Employment: 5

--- Details ---

SIC/NAICS Code: 2335
Description: WOMEN'S, MISSES', AND JUNIORS' DRESSES

+

SIC/NAICS Code: 2337
Description: WOMEN'S, MISSES', AND JUNIORS' SUITS, SKIRTS, AND COATS

+

SIC/NAICS Code: 2339
Description: WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, NOT ELSEWHERE CLASSIFIED

+

SIC/NAICS Code: 315210
Description: Cut and Sew Clothing Contracting

+

SIC/NAICS Code: 315233
Description: Women's and Girls' Cut and Sew Dress Manufacturing

+

SIC/NAICS Code: 315234
Description: Women's and Girls' Cut and Sew Suit, Coat, Tailored Jacket and Skirt Manufacturing

Map Key	Number of Records	Elevation m	Site	DB
+				
SIC/NAICS Code:		315239		
Description:		Other Women's and Girls' Cut and Sew Clothing Manufacturing		

39 **1 of 1** **55.0** **ON** **BORE**

Borehole ID: 848070
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445376.000
Northing: 5031582.000
Location Accuracy:
Orig. Ground Elevation(m): 58.900002
Elev. Reliability Note:
DEM Ground Elevation(m): 59
Total Depth(m): 15.400000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT C
Lot: LOT O
Municipality:
Completion Date: 1962-MAR-9
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Stratum ID: 6559834
Top Depth(m): 0
Bottom Depth(m): 0.500000
Stratum Desc: ROADWAY FILL
+
Stratum ID: 6559835
Top Depth(m): 0.500000
Bottom Depth(m): 0.900000
Stratum Desc: COMPACT GREY-BROWN SAND (FILL)
+
Stratum ID: 6559836
Top Depth(m): 0.900000
Bottom Depth(m): 15.400000
Stratum Desc: INTERBEDDED DARK GREY LIMESTONE AND BLACK SHALE BEDROCK, SLIGHT WEATHERING AND FRACTURING TO ELEV. 184 UNHEALED VERTICAL FRACTURES ELEV. 166.5 TO 164.5, POORLY HEALED VERTICAL FRACTURES ELEV. 149 TO 143

40 **1 of 1** **56.0** **ON** **BORE**

Borehole ID: 613688
Type: Borehole
Use:
Status:
Drill Method:
UTM Zone: 18
Easting: 445851.000
Northing: 5031672.000
Location Accuracy:

Map Key	Number of Records	Elevation m	Site	DB
Orig. Ground Elevation(m):		57.200001		
Elev. Reliability Note:				
DEM Ground Elevation(m):		57.200001		
Total Depth(m):		-999.000000		
Primary Name:				
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1962-JAN		
Static Water Level:		4		
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218396180		
Top Depth(m):		1.600000		
Bottom Depth(m):		3.500000		
Stratum Desc:		BOULDERS. GREY,HARD.		
+				
Stratum ID:		218396181		
Top Depth(m):		3.500000		
Bottom Depth(m):		3.900000		
Stratum Desc:		SAND. GREY,COMPACT.		
+				
Stratum ID:		218396182		
Top Depth(m):		3.900000		
Bottom Depth(m):		4.300000		
Stratum Desc:		BOULDERS.		
+				
Stratum ID:		218396183		
Top Depth(m):		4.300000		
Bottom Depth(m):				
Stratum Desc:		BEDROCK. GREY,WEATHERED,FRACTURED, WATER STABLE AT 174.6 FEET.WEATHERED. BEDROCK. 00000 017		
+				
Stratum ID:		218396179		
Top Depth(m):		0		
Bottom Depth(m):		1.600000		
Stratum Desc:		GRAVEL. GREY,HARD.		

41 **1 of 1** **55.0** **ON** **BORE**

Borehole ID: 848071
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Boring
UTM Zone: 18
Easting: 445370.000
Northing: 5031576.000
Location Accuracy:
Orig. Ground Elevation(m): 58.900002
Elev. Reliability Note:
DEM Ground Elevation(m): 59.400002
Total Depth(m): 16.600000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT C
Lot: LOT O

Map Key	Number of Records	Elevation m	Site	DB
Municipality: Completion Date: 1962-MAR-10 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:				
--- Details ---				
Stratum ID: 6559837				
Top Depth(m): 0				
Bottom Depth(m): 0.500000				
Stratum Desc: ROADWAY FILL				
+				
Stratum ID: 6559838				
Top Depth(m): 0.500000				
Bottom Depth(m): 1				
Stratum Desc: COMPACT GREY-BROWN SAND (FILL)				
+				
Stratum ID: 6559839				
Top Depth(m): 1				
Bottom Depth(m): 16.600000				
Stratum Desc: INTERBEDDED DARK GREY LIMESTONE AND BLACK SHALE BEDROCK, WEATHERED AND SLIGHTLY FRACTURED TO ELEV. 187				
42	1 of 1	54.1	Park at the Corner of Sussex Dr & Macdonal Cartier Bridge Ottawa ON	EHS
Order No.: 20050915020				
Report Date: 9/23/2005				
Report Type: Complete Report				
Search Radius (km): 0.25				
Addit. Info Ordered:				
43	1 of 1	58.4	BREWERS WAREHOUSING CO LTD BREWERS RETAIL STORE 157 DALHOUSIE STREET OTTAWA ON K1N 7C3	GEN
SIC Code: 0000				
SIC Description: *** NOT DEFINED ***				
Generator #: ON0273401				
Approval Yrs: 86,87,88,89,90,92,93,94				
44	1 of 1	55.0	ON	BORE
Borehole ID: 848067				
Type: Borehole				
Use: Geotechnical/Geological Investigation				
Status: Decommissioned				
Drill Method: Power auger				
UTM Zone: 18				
Easting: 445875.000				
Northing: 5031687.000				
Location Accuracy:				
Orig. Ground Elevation(m): 56				
Elev. Reliability Note:				
DEM Ground Elevation(m): 55.900002				
Total Depth(m): 7.600000				

Map Key	Number of Records	Elevation m	Site	DB
<i>Primary Name:</i>				
<i>Township:</i>		NEPEAN		
<i>Concession:</i>		BROKEN FRONT D		
<i>Lot:</i>		LOT O		
<i>Municipality:</i>				
<i>Completion Date:</i>		1962-FEB-1		
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i>		6559826		
<i>Top Depth(m):</i>		0		
<i>Bottom Depth(m):</i>		1.200000		
<i>Stratum Desc:</i>		LOOSE DARK BROWN SILTY SAND (FILL)		
+				
<i>Stratum ID:</i>		6559827		
<i>Top Depth(m):</i>		1.200000		
<i>Bottom Depth(m):</i>		4		
<i>Stratum Desc:</i>		LOOSE TO COMPACT GREY-BROWN TO GREY SANDY TO CLAYEY SILT		
+				
<i>Stratum ID:</i>		6559828		
<i>Top Depth(m):</i>		4		
<i>Bottom Depth(m):</i>		4.600000		
<i>Stratum Desc:</i>		DENSE GREY SILTY SAND WITH GRAVEL, TRACE OF CLAY		
+				
<i>Stratum ID:</i>		6559829		
<i>Top Depth(m):</i>		4.600000		
<i>Bottom Depth(m):</i>		7.600000		
<i>Stratum Desc:</i>		SOUND MOTTLED GREY-BROWN ARGILLACEOUS LIMESTONE BEDROCK, SLIGHT WEATHERING IN UPPER 3 FEET		

45	1 of 1	56.0	ON	<u>BORE</u>
-----------	---------------	-------------	-----------	--------------------

<i>Borehole ID:</i>				
		801344		
<i>Type:</i>				
		Borehole		
<i>Use:</i>				
		Geotechnical/Geological Investigation		
<i>Status:</i>				
<i>Drill Method:</i>		Boring		
<i>UTM Zone:</i>		18		
<i>Easting:</i>		445813.757		
<i>Northing:</i>		5031773.386		
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i>		56		
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i>		57.700001		
<i>Total Depth(m):</i>		7.600000		
<i>Primary Name:</i>		BH 42		
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
<i>Completion Date:</i>		1962-FEB-1		
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i>		218567837		

Map Key	Number of Records	Elevation m	Site	DB
Top Depth(m):		1.200000		
Bottom Depth(m):		4		
Stratum Desc:		Grey-Brown to Grey Loose to Compact sand silt With: Cl		
+				
Stratum ID:		218567838		
Top Depth(m):		4		
Bottom Depth(m):		4.600000		
Stratum Desc:		Grey-Brown Dense Silt - Sand With: Gr Trace: Cl		
+				
Stratum ID:		218567839		
Top Depth(m):		4.600000		
Bottom Depth(m):		7.600000		
Stratum Desc:		Grey-Brown Bedrock Limestone		
+				
Stratum ID:		218567836		
Top Depth(m):		0		
Bottom Depth(m):		1.200000		
Stratum Desc:		Dark Brown Loose Fill-Misc Silt - Sand		

46 **1 of 1** **59.3** **OTTAWA ON** [WWIS](#)

Well Id:	1535590	Lot:	
Concession:		Concession Name:	
County:	OTTAWA-CARLETON	Municipality:	OTTAWA CITY
Easting Nad83:	445353	Northing Nad83:	5031481
Zone:	18	Utm Reliability:	
Primary Water Use:		Construction Date:	5/17/2005
Secondary Water Use:		Well Depth:	
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Other
Construction Method:		Flowing (y/n):	
Elevation (m):	57.760288	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	No formation data
Water Type:		Casing Material:	

47 **1 of 1** **53.3** **ON** [BORE](#)

Borehole ID:	848702
Type:	Borehole
Use:	Geotechnical/Geological Investigation
Status:	Decommissioned
Drill Method:	Diamond Drill
UTM Zone:	18
Easting:	445366.000
Northing:	5031688.000
Location Accuracy:	
Orig. Ground Elevation(m):	59
Elev. Reliability Note:	
DEM Ground Elevation(m):	55.700001
Total Depth(m):	44.200001
Primary Name:	
Township:	NEPEAN
Concession:	
Lot:	LOT O
Municipality:	
Completion Date:	1961-SEP-26

Map Key	Number of Records	Elevation m	Site	DB
Static Water Level: Primary Water Use: Secondary Water Use: Location Description:				
--- Details ---				
		6561916		
		0		
		0.200000		
		COMPACT DARK BROWN SANDY FILL		
		+		
		6561917		
		0.200000		
		44.200001		
		DARK GREY LIMESTONE BEDROCK		

48 **1 of 1** **56.0** **ON** **BORE**

Borehole ID: 801329
 Type: Borehole
 Use: Geotechnical/Geological Investigation
 Status:
 Drill Method: Boring
 UTM Zone: 18
 Easting: 445829.781
 Northing: 5031768.088
 Location Accuracy:
 Orig. Ground Elevation(m): 57.799999
 Elev. Reliability Note:
 DEM Ground Elevation(m): 57.400002
 Total Depth(m): 9.100000
 Primary Name: BH 30
 Township:
 Concession:
 Lot:
 Municipality:
 Completion Date: 1962-JAN-25
 Static Water Level: 2.300000
 Primary Water Use:
 Secondary Water Use:
 Location Description:

--- Details ---

Stratum ID: 218567783
 Top Depth(m): 0
 Bottom Depth(m): 3.300000
 Stratum Desc: Dark Brown Loose to Compact Fill-Misc Silt - Sand With: Gr
 +
 Stratum ID: 218567784
 Top Depth(m): 3.300000
 Bottom Depth(m): 6.100000
 Stratum Desc: Grey-Brown to Grey Loose to Compact Silt With: Cl W Sa
 +
 Stratum ID: 218567785
 Top Depth(m): 6.100000
 Bottom Depth(m): 6.600000
 Stratum Desc: Grey Compact Silt - Sand With: Gr Trace: Cl
 +
 Stratum ID: 218567786
 Top Depth(m): 6.600000
 Bottom Depth(m): 9.100000

Map Key	Number of Records	Elevation m	Site	DB
Stratum Desc:		Grey Bedrock		
49	1 of 1	55.0	ON	<u>BORE</u>
Borehole ID:		848055		
Type:		Borehole		
Use:		Geotechnical/Geological Investigation		
Status:		Decommissioned		
Drill Method:		Boring		
UTM Zone:		18		
Easting:		445889.000		
Northing:		5031678.000		
Location Accuracy:				
Orig. Ground Elevation(m):		57.799999		
Elev. Reliability Note:				
DEM Ground Elevation(m):		55.500000		
Total Depth(m):		9.100000		
Primary Name:				
Township:		NEPEAN		
Concession:		BROKEN FRONT D		
Lot:		LOT O		
Municipality:				
Completion Date:		1962-JAN-25		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		6559792		
Top Depth(m):		0		
Bottom Depth(m):		3.300000		
Stratum Desc:		LOOSE TO COMPACT DARK BROWN SILTY SAND WITH GRAVEL (FILL)		
+				
Stratum ID:		6559793		
Top Depth(m):		3.300000		
Bottom Depth(m):		6.100000		
Stratum Desc:		LOOSE TO COMPACT GREY BROWN TO GREY SANDY TO CLAYEY SILT		
+				
Stratum ID:		6559794		
Top Depth(m):		6.100000		
Bottom Depth(m):		6.600000		
Stratum Desc:		COMPACT GREY SILTY SAND WITH GRAVEL, TRACE CLAY		
+				
Stratum ID:		6559795		
Top Depth(m):		6.600000		
Bottom Depth(m):		9.100000		
Stratum Desc:		MOTTLED GREY-BROWN PARTLY FRACTURED ARGILLACEOUS BEDROCK, THIN SAND SEAMS @ EL. 164 AND EL. 162		
50	1 of 1	58.8	163 Dalhousie St Ottawa ON K1N 7C3	<u>EHS</u>
Order No.:		20121101037		
Report Date:		12-NOV-12		
Report Type:		Standard Report		
Search Radius (km):		.25		
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Elevation m	Site	DB
51	1 of 1	55.9	ON	<u>BORE</u>
<i>Borehole ID:</i> 801340				
<i>Type:</i> Borehole				
<i>Use:</i> Geotechnical/Geological Investigation				
<i>Status:</i>				
<i>Drill Method:</i> Power auger				
<i>UTM Zone:</i> 18				
<i>Easting:</i> 445840.361				
<i>Northing:</i> 5031757.392				
<i>Location Accuracy:</i>				
<i>Orig. Ground Elevation(m):</i> 55.500000				
<i>Elev. Reliability Note:</i>				
<i>DEM Ground Elevation(m):</i> 57.299999				
<i>Total Depth(m):</i> 4.600000				
<i>Primary Name:</i> BH 41				
<i>Township:</i>				
<i>Concession:</i>				
<i>Lot:</i>				
<i>Municipality:</i>				
<i>Completion Date:</i> 1962-JAN-30				
<i>Static Water Level:</i>				
<i>Primary Water Use:</i>				
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
<i>Stratum ID:</i> 218567821				
<i>Top Depth(m):</i> 0				
<i>Bottom Depth(m):</i> 1.800000				
<i>Stratum Desc:</i> Dark Brown Loose to Compact Fill-Misc Silt - Sand With: Gr W Cob				
+				
<i>Stratum ID:</i> 218567822				
<i>Top Depth(m):</i> 1.800000				
<i>Bottom Depth(m):</i> 3.500000				
<i>Stratum Desc:</i> Brown to Grey Loose sand silt Trace: Cl				
+				
<i>Stratum ID:</i> 218567823				
<i>Top Depth(m):</i> 3.500000				
<i>Bottom Depth(m):</i> 4.600000				
<i>Stratum Desc:</i> Grey Loose to Compact Silt - Sand With: Gr Trace: Cl				
52	1 of 4	59.4	199 SUSSEX DRIVE OTTAWA ON K1N 1K6	<u>HINC</u>
<i>External File Num:</i> FS INC 0809-05432				
<i>Date of Occurrence:</i> 9/19/2008				
<i>Fuel Occurrence Type:</i> Pipeline Strike				
<i>Fuel Type Involved:</i> Natural Gas				
<i>Status Desc:</i> Completed - Causal Analysis(End)				
<i>Job Type Desc:</i> Incident/Near-Miss Occurrence (FS)				
<i>Oper. Type Involved:</i> Construction Site (pipeline strike)				
<i>Service Interruptions:</i> Yes				
<i>Property Damage:</i> Yes				
<i>Fuel Life Cycle Stage:</i> Transmission, Distribution and Transportation				
<i>Root Cause:</i> Root Cause: Equipment/Material/Component:N/A Procedures:Yes Maintenance:No Design:N/A Training:Yes Management:Yes Human Factors:Ye				
<i>Reported Details:</i>				
<i>Fuel Category:</i> Gaseous Fuel				
<i>Occurrence Type:</i> Incident				

Map Key	Number of Records	Elevation m	Site	DB
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
County Name:		Ottawa		
Approx. Quant. Rel:				
Nearby body of water:				
Enter Drainage Syst.:				
Approx. Quant. Unit:				
Environmental Impact:				

52	2 of 4	59.4	199 Sussex Drive, Ottawa ON K1N 1K6	PINC
Incident ID:		2730276		
Incident Number:		573764		
SR Type:		FS-Pipeline Incident		
Status Code:		Pipeline Damage Reason Est		
Summary:		199 Sussex Drive, Ottawa - Pipeline Hit		
Spills Action Centre:		3347-8FMNLD		
Reported By:		Bruce Rozycki - Enbridge		
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)		
Method Details:		utility damage		
Fuel Category:		Heating Fuel		
Fuel Occurrence Type:		Pipeline Strike		
Date of Occurrence:		4/5/2011 0:00		
Occurrence Start Date:		4/15/2011 0:00		
Health Impact:		No		
Occurrence Desc:		Contractor cut into a conduit which contained a natural gas line.		
Environment Impact:		No		
Property Damage:		Yes		
Service Interupt:		Yes		
Fuel Type:		Natural Gas		
Enforce Policy:		Yes		
Operation Type:		Construction Site (pipeline strike)		
Damage Reason:		None of the above, Please Explain		
Public Relation:		No		
Pipeline System:				
Pipeline Type:				
Depth:				
Pipe Material:				
Regualtor Location:				
PSIG:				
Regulator Type:				
Notes:				

52	3 of 4	59.4	Enbridge Gas Distribution Inc. 199 Sussex Dr. in Ottawa Ottawa ON	SPL
Ref No.:		8680-7JMNS2		
Incident Dt:				
MOE Reported Dt:		9/19/2008		
Contaminant Name:		NATURAL GAS (METHANE)		
Contaminant Quantity:				
Incident Summary:		TSSA-FSB: Pipeline strike		
Incident Cause:		Pipe Or Hose Leak		
Incident Reason:		Negligence (Apparent) - Caused by lack of diligence		
Nature of Impact:				
Receiving Medium:				
Environmental Impact:		Not Anticipated		

Map Key	Number of Records	Elevation m	Site	DB
52	4 of 4	59.4	Enbridge Gas Distribution Inc. 199 Sussex Drive Ottawa ON K1N 1K6	SPL
<p>Ref No.: 3347-8FMNLD Incident Dt: 4/5/2011 MOE Reported Dt: 4/5/2011 Contaminant Name: NATURAL GAS (METHANE) Contaminant Quantity: 0 other - see incident description Incident Summary: TSSAfsb- 1" service line-unconfirmed-Enbridge Incident Cause: Unknown Incident Reason: Unknown - Reason not determined Nature of Impact: Receiving Medium: Environmental Impact: Not Anticipated</p>				
53	1 of 1	58.6	Carleton Condominium Corporation No. 151 40 Boteler Ottawa ON	CA
<p>Certificate #: 4298-5RPQEC Application Year: 2003 Issue Date: 9/25/2003 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:</p>				
54	1 of 1	55.0	ON	BORE
<p>Borehole ID: 848066 Type: Borehole Use: Geotechnical/Geological Investigation Status: Decommissioned Drill Method: Power auger UTM Zone: 18 Easting: 445899.000 Northing: 5031666.000 Location Accuracy: Orig. Ground Elevation(m): 55.500000 Elev. Reliability Note: DEM Ground Elevation(m): 55.500000 Total Depth(m): 4.600000 Primary Name: Township: NEPEAN Concession: BROKEN FRONT D Lot: LOT O Municipality: Completion Date: 1962-JAN-30 Static Water Level:</p>				

Map Key	Number of Records	Elevation m	Site	DB
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		6559823		
Top Depth(m):		0		
Bottom Depth(m):		1.800000		
Stratum Desc:		LOOSE TO COMPACT DARK BROWN SILTY SAND WITH GRAVEL AND COBBLES (FILL)		
+				
Stratum ID:		6559824		
Top Depth(m):		1.800000		
Bottom Depth(m):		3.500000		
Stratum Desc:		LOOSE BROWN TO GREY SANDY SILT TO SAND WITH TRACE OF CLAY		
+				
Stratum ID:		6559825		
Top Depth(m):		3.500000		
Bottom Depth(m):		4.600000		
Stratum Desc:		LOOSE TO COMPACT GREY SILTY SAND WITH GRAVEL, TRACE OF CLAY		

55 **1 of 1** **57.9** **ESSO PETROLEUM CANADA** **SPL**
266 CATHCART ST. TANK TRUCK (CARGO)
OTTAWA CITY ON K1N 5C3

Ref No.: 47904
Incident Dt: 3/14/1991
MOE Reported Dt: 3/14/1991
Contaminant Name:
Contaminant Quantity:
Incident Summary: ESSO HOME COMFORT - UNKNOWN AMOUNT HEATING OIL TO GROUND
Incident Cause: UNKNOWN
Incident Reason: UNKNOWN
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: CONFIRMED

56 **1 of 1** **58.6** **ON** **BORE**

Borehole ID: 613626
Type: Borehole
Use:
Status:
Drill Method:
UTM Zone: 18
Easting: 445691.000
Northing: 5031272.000
Location Accuracy:
Orig. Ground Elevation(m): 57.599998
Elev. Reliability Note:
DEM Ground Elevation(m): 57.200001
Total Depth(m): -999.000000
Primary Name:
Township:
Concession:
Lot:
Municipality:
Completion Date: 1965-FEB
Static Water Level: 3.700000
Primary Water Use:

Map Key	Number of Records	Elevation m	Site	DB
<i>Secondary Water Use:</i>				
<i>Location Description:</i>				
--- Details ---				
		Stratum ID:	218395878	
		Top Depth(m):	0	
		Bottom Depth(m):	0.800000	
		Stratum Desc:	FILL. VERY HARD.	
		+		
		Stratum ID:	218395879	
		Top Depth(m):	0.800000	
		Bottom Depth(m):	4.100000	
		Stratum Desc:	TILL. COMPACT.	
		+		
		Stratum ID:	218395880	
		Top Depth(m):	4.100000	
		Bottom Depth(m):		
		Stratum Desc:	BEDROCK. CRYSTALLINE, WATER STABLE AT 177.1 FEET.NSE. SAND. DENSE. 0003800300065011STIFF.	

57	1 of 1	58.8	ROYAL EMBASSY OF SAUDI ARABIA, OTTAWA 201 SUSSEX DRIVE (SWM) OTTAWA ON K1N 1K6	CA
		Certificate #:	3-1330-98-	
		Application Year:	98	
		Issue Date:	10/20/1998	
		Approval Type:	Municipal sewage	
		Status:	Cancelled	
		Application Type:		
		Client Name:		
		Client Address:		
		Client City:		
		Client Postal Code:		
		Project Description:		
		Contaminants:		
		Emission Control:		

58	1 of 2	58.3	OTTAWA CITY BRUYERE ST./CUMBERLAND ST. OTTAWA CITY ON	CA
		Certificate #:	3-1070-93-	
		Application Year:	93	
		Issue Date:	9/23/1993	
		Approval Type:	Municipal sewage	
		Status:	Approved	
		Application Type:		
		Client Name:		
		Client Address:		
		Client City:		
		Client Postal Code:		
		Project Description:		
		Contaminants:		
		Emission Control:		

58	2 of 2	58.3	OTTAWA CITY BRUYERE ST./CUMBERLAND ST.	CA
-----------	---------------	-------------	---	---------------------------

Map Key	Number of Records	Elevation m	Site	DB
OTTAWA CITY ON				
Certificate #:		7-0843-93-		
Application Year:		93		
Issue Date:		9/23/1993		
Approval Type:		Municipal water		
Status:		Approved		
Application Type:				
Client Name:				
Client Address:				
Client City:				
Client Postal Code:				
Project Description:				
Contaminants:				
Emission Control:				

59	1 of 1	58.6	ON	<u>BORE</u>
-----------	---------------	-------------	-----------	--------------------

Borehole ID:	808739
Type:	Borehole
Use:	Geotechnical/Geological Investigation
Status:	
Drill Method:	Boring
UTM Zone:	18
Easting:	445685.546
Northing:	5031265.349
Location Accuracy:	
Orig. Ground Elevation(m):	57.599998
Elev. Reliability Note:	
DEM Ground Elevation(m):	57.200001
Total Depth(m):	18.600000
Primary Name:	BH 216
Township:	
Concession:	
Lot:	
Municipality:	
Completion Date:	1965-FEB-8
Static Water Level:	
Primary Water Use:	
Secondary Water Use:	
Location Description:	

--- Details ---

Stratum ID:	218597531
Top Depth(m):	0
Bottom Depth(m):	0.800000
Stratum Desc:	Asphalt With: Sa
+	
Stratum ID:	218597532
Top Depth(m):	0.800000
Bottom Depth(m):	1.800000
Stratum Desc:	Grey Fill-Misc Sand With: Si W Gr W Brk Frag W Constr Debris
+	
Stratum ID:	218597533
Top Depth(m):	1.800000
Bottom Depth(m):	4.100000
Stratum Desc:	Brown to Grey Compact Till sand silt Trace: Cl Occasional: Gr Occ Blds
+	
Stratum ID:	218597534

Map Key	Number of Records	Elevation m	Site	DB
<i>Top Depth(m):</i> <i>Bottom Depth(m):</i> <i>Stratum Desc:</i>		4.100000 18.600000 Grey Limestone		
60	1 of 1	55.0	Park at King Edward & Sussex Dr along Rideau River Ottawa ON	<u>EHS</u>
<i>Order No.:</i> <i>Report Date:</i> <i>Report Type:</i> <i>Search Radius (km):</i> <i>Addit. Info Ordered:</i>		20050915022 9/23/2005 Complete Report 0.3		
61	1 of 1	51.3	ON	<u>BORE</u>
<i>Borehole ID:</i> <i>Type:</i> <i>Use:</i> <i>Status:</i> <i>Drill Method:</i> <i>UTM Zone:</i> <i>Easting:</i> <i>Northing:</i> <i>Location Accuracy:</i> <i>Orig. Ground Elevation(m):</i> <i>Elev. Reliability Note:</i> <i>DEM Ground Elevation(m):</i> <i>Total Depth(m):</i> <i>Primary Name:</i> <i>Township:</i> <i>Concession:</i> <i>Lot:</i> <i>Municipality:</i> <i>Completion Date:</i> <i>Static Water Level:</i> <i>Primary Water Use:</i> <i>Secondary Water Use:</i> <i>Location Description:</i>		847589 Borehole Geotechnical/Geological Investigation Decommissioned Diamond Drill 18 445313.000 5031640.000 55.900002 50.500000 21 NEPEAN BROKEN FRONT C LOT O 1962-MAR-6		
<i>--- Details ---</i> <i>Stratum ID:</i> <i>Top Depth(m):</i> <i>Bottom Depth(m):</i> <i>Stratum Desc:</i>		6558097 0 21 DARK GREY LIMESTONE BEDROCK		
62	1 of 1	55.0	ON	<u>BORE</u>
<i>Borehole ID:</i> <i>Type:</i> <i>Use:</i> <i>Status:</i> <i>Drill Method:</i> <i>UTM Zone:</i> <i>Easting:</i> <i>Northing:</i> <i>Location Accuracy:</i> <i>Orig. Ground Elevation(m):</i>		801293 Borehole Geotechnical/Geological Investigation Rotary (conventional) 18 445859.537 5031782.031 54.599998		

Map Key	Number of Records	Elevation m	Site	DB
<i>Elev. Reliability Note:</i>				
	DEM Ground Elevation(m):	55.200001		
	Total Depth(m):	11.500000		
	Primary Name:	BH 1		
	Township:			
	Concession:			
	Lot:			
	Municipality:			
	Completion Date:	1979-FEB-8		
	Static Water Level:			
	Primary Water Use:			
	Secondary Water Use:			
	Location Description:			
--- Details ---				
	Stratum ID:	218567633		
	Top Depth(m):	0		
	Bottom Depth(m):	0.600000		
	Stratum Desc:	Ice		
	+			
	Stratum ID:	218567634		
	Top Depth(m):	0.600000		
	Bottom Depth(m):	2.200000		
	Stratum Desc:	Water rideau river		
	+			
	Stratum ID:	218567635		
	Top Depth(m):	2.200000		
	Bottom Depth(m):	3.300000		
	Stratum Desc:	Dark Brown Dense Alluvium Sand - Gravel Occasional: Cob Occ Blds		
	+			
	Stratum ID:	218567636		
	Top Depth(m):	3.300000		
	Bottom Depth(m):	4		
	Stratum Desc:	Grey Compact to Dense Till Silt - Sand With: Gr Trace: Cl Occasional: Cob		
	+			
	Stratum ID:	218567637		
	Top Depth(m):	4		
	Bottom Depth(m):	8.500000		
	Stratum Desc:	Grey Bedrock Limestone		
	+			
	Stratum ID:	218567638		
	Top Depth(m):	8.500000		
	Bottom Depth(m):	11.500000		
	Stratum Desc:	Grey Bedrock Limestone		

63 **1 of 1** **53.1** **ON** **BORE**

Borehole ID: 847588
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Diamond Drill
UTM Zone: 18
Easting: 445303.000
Northing: 5031613.000
Location Accuracy:
Orig. Ground Elevation(m): 56.500000
Elev. Reliability Note:
DEM Ground Elevation(m): 51.799999
Total Depth(m): 23
Primary Name:

Map Key	Number of Records	Elevation m	Site	DB
Township: Concession: Lot: Municipality: Completion Date: Static Water Level: Primary Water Use: Secondary Water Use: Location Description:		NEPEAN BROKEN FRONT C LOT O 1962-FEB-28		
--- Details ---				
Stratum ID:		6558095		
Top Depth(m):		0		
Bottom Depth(m):		23		
Stratum Desc:		DARK GREY LIMESTONE BEDROCK FAIRLY SOUND WITH CLAY SEAMS		
64	1 of 1	56.7	nr Bordeleau Park. OTTAWA ON	<u>WDSH</u>
Site No.:		X1114		
Region:		SOUTHEAST		
County:		OTTAWA CARLETON		
Concession:				
Lot:		nr Bordeleau Park.		
Easting:		445950		
Northing:		5031350		
Zone:		18		
Date Closed:		1926		
Status:		CLOSED		
Classification:		A5 - POTENTIAL HUMAN IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED 10-20 YRS		
%CommercialWste:		n/a		
%DomesticWste Rec:		n/a		
%LiquidWste Rec:		n/a		
%HazardousWste Rec:		n/a		
%Non-haz.Wste Rec:		n/a		
%Sewage/Sludge Rec:		n/a		
%Other Wste Rec:		n/a		
65	1 of 5	56.8	THE OTTAWA RIVERBOAT COLTD 10 LADY GREY DRIVE OTTAWA ON	<u>GEN</u>
SIC Code:		4549		
SIC Description:		OTHER WATER TRANS.		
Generator #:		ON1620200		
Approval Yrs:		92,93,97,98		
--- Details ---				
Waste Code:		252		
Waste Description:		WASTE OILS & LUBRICANTS		
65	2 of 5	56.8	THE OTTAWA RIVERBOAT CO.LTD. 29-627 10 LADY GREY DR. C/O 30 MURRAY ST. SUITE 100 OTTAWA ON K1N 5M4	<u>GEN</u>
SIC Code:		4549		
SIC Description:		OTHER WATER TRANS.		
Generator #:		ON1620200		
Approval Yrs:		94,95,96		

Map Key	Number of Records	Elevation m	Site	DB
<i>--- Details ---</i>				
		252		
		WASTE OILS & LUBRICANTS		
65	3 of 5	56.8	The Ottawa Riverboat Company 10 Lady Grey Drive Ottawa ON K1P 5P9	<u>GEN</u>
			SIC Code:	
			SIC Description:	
		ON4017616	Generator #:	
		02,03,04	Approval Yrs:	
<i>--- Details ---</i>				
		221		
		LIGHT FUELS		
65	4 of 5	56.8	THE OTTAWA RIVERBOAT COMPANY LTD. 10 LADY GREY DRIVE OTTAWA ON	<u>GEN</u>
		4549	SIC Code:	
		OTHER WATER TRANS.	SIC Description:	
		ON1620200	Generator #:	
		99,00,01	Approval Yrs:	
<i>--- Details ---</i>				
		252		
		WASTE OILS & LUBRICANTS		
65	5 of 5	56.8	UNKNOWN 10 LADY GREY OTTAWA RIVER OTTAWA CITY ON	<u>SPL</u>
		41891	Ref No.:	
		10/8/1990	Incident Dt:	
		10/8/1990	MOE Reported Dt:	
			Contaminant Name:	
			Contaminant Quantity:	
		1 LTR OF OIL TO RIVER	Incident Summary:	FROM UNKNOWN SOURCE. NOT RECOVERABLE BY PUC.
		UNKNOWN	Incident Cause:	
		UNKNOWN	Incident Reason:	
			Nature of Impact:	
		WATER	Receiving Medium:	
		NOT ANTICIPATED	Environmental Impact:	
66	1 of 1	58.3	ON	<u>BORE</u>
		806145	Borehole ID:	
		Borehole	Type:	
		Geotechnical/Geological Investigation	Use:	
			Status:	
		Rotary (conventional)	Drill Method:	
		18	UTM Zone:	
		445292.486	Easting:	
		5031545.643	Northing:	
			Location Accuracy:	

Map Key	Number of Records	Elevation m	Site	DB
Orig. Ground Elevation(m):		57.500000		
Elev. Reliability Note:				
DEM Ground Elevation(m):		55.599998		
Total Depth(m):		3.200000		
Primary Name:		BH 1		
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1980-FEB-28		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218587774		
Top Depth(m):		0		
Bottom Depth(m):		0.100000		
Stratum Desc:		Asphalt		
+				
Stratum ID:		218587775		
Top Depth(m):		0.100000		
Bottom Depth(m):		0.300000		
Stratum Desc:		Brown Sand - Gravel		
+				
Stratum ID:		218587776		
Top Depth(m):		0.300000		
Bottom Depth(m):		0.900000		
Stratum Desc:		Brown Till sand silt With: Cl W Gr		
+				
Stratum ID:		218587777		
Top Depth(m):		0.900000		
Bottom Depth(m):		1.600000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218587778		
Top Depth(m):		1.600000		
Bottom Depth(m):		3.200000		
Stratum Desc:		Grey Bedrock Limestone		

67 **1 of 1** **49.5** **ON** **BORE**

Borehole ID: 847587
Type: Borehole
Use: Geotechnical/Geological Investigation
Status: Decommissioned
Drill Method: Diamond Drill
UTM Zone: 18
Easting: 445300.000
Northing: 5031644.000
Location Accuracy:
Orig. Ground Elevation(m): 44
Elev. Reliability Note:
DEM Ground Elevation(m): 48.299999
Total Depth(m): 15.600000
Primary Name:
Township: NEPEAN
Concession: BROKEN FRONT C
Lot: LOT O
Municipality:

Map Key	Number of Records	Elevation m	Site	DB
Completion Date: 1962-MAR-9 Static Water Level: Primary Water Use: Secondary Water Use: Location Description:				
--- Details ---				
Stratum ID:		6558093		
Top Depth(m):		0		
Bottom Depth(m):		0.600000		
Stratum Desc:		LOOSE LIMESTONE SLABS		
+				
Stratum ID:		6558094		
Top Depth(m):		0.600000		
Bottom Depth(m):		15.600000		
Stratum Desc:		DARK GREY LIMESTONE BEDROCK		
68	1 of 1	58.7	OTTAWA CITY CATHCART ST./PARENT ST. OTTAWA CITY ON	<u>CA</u>
Certificate #:		3-0419-94-		
Application Year:		94		
Issue Date:		5/9/1994		
Approval Type:		Municipal sewage		
Status:		Approved		
Application Type:				
Client Name:				
Client Address:				
Client City:				
Client Postal Code:				
Project Description:				
Contaminants:				
Emission Control:				
69	1 of 1	50.6	ON	<u>BORE</u>
Borehole ID:		847586		
Type:		Borehole		
Use:		Geotechnical/Geological Investigation		
Status:		Decommissioned		
Drill Method:		Diamond Drill		
UTM Zone:		18		
Easting:		445295.000		
Northing:		5031630.000		
Location Accuracy:				
Orig. Ground Elevation(m):		43.200001		
Elev. Reliability Note:				
DEM Ground Elevation(m):		49.400002		
Total Depth(m):		41.099998		
Primary Name:				
Township:		NEPEAN		
Concession:		BROKEN FRONT C		
Lot:		LOT O		
Municipality:				
Completion Date:		1962-MAR-8		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				

Map Key	Number of Records	Elevation m	Site	DB
<i>Location Description:</i>				
--- Details ---				
		Stratum ID: 6558091		
		Top Depth(m): 0		
		Bottom Depth(m): 1.200000		
		Stratum Desc: SAND GRAVEL COBBLES AND LIMESTONE		
		+		
		Stratum ID: 6558092		
		Top Depth(m): 1.200000		
		Bottom Depth(m): 41.099998		
		Stratum Desc: DARK GREY LIMESTONE BEDROCK AND CLAY SEAMS		
70	1 of 1	57.8	204 Bruyere Street Ottawa ON	EHS
		Order No.: 20120213029		
		Report Date: 2/21/2012 12:58:58 PM		
		Report Type: Custom Report		
		Search Radius (km): 0.25		
		Addit. Info Ordered:		
71	1 of 2	59.0	SCO Health Services Elizabeth Bruhere Center 79 Cathcart St OTTAWA ON	CFOT
		Registration No.: 200204-1325		
		Licence No.:		
		Tank Size: 500 gal		
		Year Installed: 1987		
		Tank Material: n/a		
		Distributor:		
		Contact Name: c/o Louis Thibault		
		Contact Address: 43 Bruyere St		
		Contact Address2:		
		Contact City: Ottawa		
		Comments:		
71	2 of 2	59.0	SCO Health Services Elizabeth Bruhere Center 79 Cathcart St OTTAWA ON	CFOT
		Registration No.: 200204-1324		
		Licence No.:		
		Tank Size: 10000 gal		
		Year Installed: 1987		
		Tank Material: n/a		
		Distributor:		
		Contact Name: c/o Louis Thibault		
		Contact Address: 43 Bruyere St		
		Contact Address2:		
		Contact City: Ottawa		
		Comments:		
72	1 of 1	51.9	ON	BORE

Map Key	Number of Records	Elevation m	Site	DB
Borehole ID:		847585		
Type:		Borehole		
Use:		Geotechnical/Geological Investigation		
Status:		Decommissioned		
Drill Method:		Diamond Drill		
UTM Zone:		18		
Easting:		445290.000		
Northing:		5031616.000		
Location Accuracy:				
Orig. Ground Elevation(m):		43.500000		
Elev. Reliability Note:				
DEM Ground Elevation(m):		48.099998		
Total Depth(m):		16.400000		
Primary Name:				
Township:		NEPEAN		
Concession:		BROKEN FRONT C		
Lot:		LOT O		
Municipality:				
Completion Date:		1962-MAR-13		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		6558090		
Top Depth(m):		0		
Bottom Depth(m):		16.400000		
Stratum Desc:		DARK GREY LIMESTONE BEDROCK		

73 **1 of 1** **57.3** **ON** **BORE**

Borehole ID:		806149		
Type:		Borehole		
Use:		Geotechnical/Geological Investigation		
Status:				
Drill Method:		Rotary (conventional)		
UTM Zone:		18		
Easting:		445281.229		
Northing:		5031546.853		
Location Accuracy:				
Orig. Ground Elevation(m):		57.500000		
Elev. Reliability Note:				
DEM Ground Elevation(m):		53.099998		
Total Depth(m):		5.400000		
Primary Name:		BH 2		
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1980-FEB-28		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218587795		
Top Depth(m):		0		
Bottom Depth(m):		0.100000		
Stratum Desc:		Asphalt		

Map Key	Number of Records	Elevation m	Site	DB
+		218587796		
		Stratum ID:		
		Top Depth(m):	0.100000	
		Bottom Depth(m):	0.200000	
		Stratum Desc:	Brown Sand - Gravel	
+		218587797		
		Stratum ID:		
		Top Depth(m):	0.200000	
		Bottom Depth(m):	0.900000	
		Stratum Desc:	Brown Fill-Misc Silt - Sand With: Gr Trace: Cl	
+		218587798		
		Stratum ID:		
		Top Depth(m):	0.900000	
		Bottom Depth(m):	4.100000	
		Stratum Desc:	Grey Bedrock Limestone	
+		218587799		
		Stratum ID:		
		Top Depth(m):	4.100000	
		Bottom Depth(m):	5.400000	
		Stratum Desc:	Grey Bedrock Limestone	

74 **1 of 1** **60.0** **Sussex Drive from King Edward Avenue to St. Patrick Street.** **EHS**
Ottawa ON

Order No.: 20090319005
Report Date: 3/20/2009
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered:

75 **1 of 1** **55.0** **ON** **BORE**

Borehole ID: 801302
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Rotary (conventional)
UTM Zone: 18
Easting: 445900.661
Northing: 5031777.264
Location Accuracy:
Orig. Ground Elevation(m): 54.599998
Elev. Reliability Note:
DEM Ground Elevation(m): 51.500000
Total Depth(m): 12.300000
Primary Name: BH 2
Township:
Concession:
Lot:
Municipality:
Completion Date: 1979-FEB-10
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---
Stratum ID: 218567675

Map Key	Number of Records	Elevation m	Site	DB
Top Depth(m):		3.800000		
Bottom Depth(m):		4.700000		
Stratum Desc:		Grey Very Dense Till Silt - Sand With: Gr W Cob W Blds Trace: Cl		
+				
Stratum ID:		218567676		
Top Depth(m):		4.700000		
Bottom Depth(m):		4.900000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218567677		
Top Depth(m):		4.900000		
Bottom Depth(m):		9.400000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218567678		
Top Depth(m):		9.400000		
Bottom Depth(m):		12.300000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218567673		
Top Depth(m):		0		
Bottom Depth(m):		0.600000		
Stratum Desc:		Ice		
+				
Stratum ID:		218567674		
Top Depth(m):		0.600000		
Bottom Depth(m):		3.800000		
Stratum Desc:		Water		

76 **1 of 1** **56.5** **Bordeleau Pk Dump** **[ANDR](#)**

Ottawa ON K1N

Legal Description: Gloucester
Location Description: nr Bordeleau Park, Cathcart St*, E of King Edward Ave*, W of Rose St*, S of Rideau R and park
Municipality: Ottawa City
Current Municipality: Ottawa City
RM: Ottawa-Carleton Region
Facility: Dump
Date Active: 1926
Date Begun:
Date Complete: 1926
Area (Ha):
Landfill Type:
Group Name: Rideau River
Operated By:
Serial: MOEE 1114
NTS: 31G05
Diameter (m):
Waste Type:
UTM X Nad 27: 445950
UTM Y Nad 27: 5031350
UTM Zone: 18
Historical Summary: Bordeleau Park Dump MOEE 1994 Nr Bordeleau Park cited as closed waste disposal site ([Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 p. : maps. ISBN 0772984093). 1965 Military Town Plan ASE 306 Not marked, site is on Cathcart St*, E of King Edward Ave*, W of Rose St*, S of Rideau R and Bordeleau Park* [1965 Military Town Plan Ottawa-Hull ASE 306 Edition 1 (produced 1965)]. *[1992] MapArt Corporation Ontario, Towns and Cities [Street Atlas].

Map Key	Number of Records	Elevation m	Site	DB
77	1 of 1	50.1	ON	<u>BORE</u>
<p><i>Borehole ID:</i> 847590 <i>Type:</i> Borehole <i>Use:</i> Geotechnical/Geological Investigation <i>Status:</i> Decommissioned <i>Drill Method:</i> Diamond Drill <i>UTM Zone:</i> 18 <i>Easting:</i> 445275.000 <i>Northing:</i> 5031636.000 <i>Location Accuracy:</i> <i>Orig. Ground Elevation(m):</i> 40.599998 <i>Elev. Reliability Note:</i> <i>DEM Ground Elevation(m):</i> 50.400002 <i>Total Depth(m):</i> 13.700000 <i>Primary Name:</i> <i>Township:</i> <i>Concession:</i> <i>Lot:</i> <i>Municipality:</i> <i>Completion Date:</i> 1962-MAR-12 <i>Static Water Level:</i> <i>Primary Water Use:</i> <i>Secondary Water Use:</i> <i>Location Description:</i></p> <p>--- Details ---</p> <p><i>Stratum ID:</i> 6558098 <i>Top Depth(m):</i> 0 <i>Bottom Depth(m):</i> 0.900000 <i>Stratum Desc:</i> ICE + <i>Stratum ID:</i> 6558099 <i>Top Depth(m):</i> 0.900000 <i>Bottom Depth(m):</i> 2.700000 <i>Stratum Desc:</i> WATER + <i>Stratum ID:</i> 6558100 <i>Top Depth(m):</i> 2.700000 <i>Bottom Depth(m):</i> 4.300000 <i>Stratum Desc:</i> VERY LOOSE ORGANIC SILT WITH GARBAGE + <i>Stratum ID:</i> 6558101 <i>Top Depth(m):</i> 4.300000 <i>Bottom Depth(m):</i> 13.700000 <i>Stratum Desc:</i> DARK GREY LIMESTONE BEDROCK</p>				
78	1 of 1	55.0	Ottawa ON	<u>FCS</u>
<p><i>Site Id:</i> 00023317 <i>Departmental Id:</i> 96287 <i>Property No.:</i> 02772 <i>Site Name:</i> King Edward Park <i>Location:</i> <i>Municipality:</i> Ottawa <i>Census Division:</i> Ottawa <i>Federal Electoral District:</i> Ottawa--Vanier <i>Nearest Populated Area:</i> <i>Longitude:</i> -75.690949 <i>Latitude:</i> 45.436606</p>				

Map Key	Number of Records	Elevation m	Site	DB
<i>Reporting Organization:</i>			National Capital Commission	
<i>Reason for Involvement:</i>			Federal Real Property	
<i>Est m³ Contaminated:</i>				
<i>Est Ha Contaminated:</i>		2.25		
<i>Est Tons Contaminated:</i>				
<i>Site Management Strategy:</i>			Risk Management	
<i>Highest Step Completed:</i>			Develop Remediation/Risk Management Strategy	
<i>Action Plan:</i>				
<i>Additional Info:</i>				
--- Details ---				
<i>Medium:</i>			Soil	
<i>Contaminant:</i>			PAHs (polycyclic aromatic hydrocarbon)	
+				
<i>Medium:</i>			Soil	
<i>Contaminant:</i>			Metal, metalloid, and organometallic	

79 **1 of 1** **57.3** **ON** **BORE**

Borehole ID: 806179
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Rotary (conventional)
UTM Zone: 18
Easting: 445269.725
Northing: 5031489.576
Location Accuracy:
Orig. Ground Elevation(m): 56.700001
Elev. Reliability Note:
DEM Ground Elevation(m): 53.500000
Total Depth(m): 5.400000
Primary Name: BH 13
Township:
Concession:
Lot:
Municipality:
Completion Date: 1980-MAR-7
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---
Stratum ID: 218587946
Top Depth(m): 0
Bottom Depth(m): 0.100000
Stratum Desc: Asphalt
+
Stratum ID: 218587947
Top Depth(m): 0.100000
Bottom Depth(m): 0.300000
Stratum Desc: Brown Fill-Misc Sand - Gravel
+
Stratum ID: 218587948
Top Depth(m): 0.300000
Bottom Depth(m): 1.500000
Stratum Desc: Crushed Stone
+
Stratum ID: 218587949
Top Depth(m): 1.500000

Map Key	Number of Records	Elevation m	Site	DB
Bottom Depth(m):		3.200000		
Stratum Desc:		Brown Till sand silt With: Gr Trace: Cl Tr Cob Tr Blds		
+				
Stratum ID:		218587950		
Top Depth(m):		3.200000		
Bottom Depth(m):		5.400000		
Stratum Desc:		Grey Bedrock Limestone		

80 **1 of 1** **54.8** **ON** **BORE**

Borehole ID: 806154
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Hollow stem auger
UTM Zone: 18
Easting: 445273.828
Northing: 5031436.506
Location Accuracy:
Orig. Ground Elevation(m): 54.299999
Elev. Reliability Note:
DEM Ground Elevation(m): 51.900002
Total Depth(m): 13.600000
Primary Name: BH 5
Township:
Concession:
Lot:
Municipality:
Completion Date: 1980-MAR-3
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---

Stratum ID: 218587814
Top Depth(m): 0
Bottom Depth(m): 4.400000
Stratum Desc: Brown Compact to Very Dense Fill-Misc clay silt With: Sa W Gr Trace: Constr Debris Occasional: Brk Frag
+
Stratum ID: 218587815
Top Depth(m): 4.400000
Bottom Depth(m): 10.500000
Stratum Desc: Brown Loose to Compact Fill-Misc Silt - Sand With: Gr W Brk Frag Trace: Constr Debris
+
Stratum ID: 218587816
Top Depth(m): 10.500000
Bottom Depth(m): 11.200000
Stratum Desc: Grey Bedrock Limestone
+
Stratum ID: 218587817
Top Depth(m): 11.200000
Bottom Depth(m): 13.600000
Stratum Desc: Grey Bedrock Limestone

81 **1 of 1** **43.0** **ON** **BORE**

Borehole ID: 848700

Map Key	Number of Records	Elevation m	Site	DB
Type:		Borehole		
Use:		Geotechnical/Geological Investigation		
Status:		Decommissioned		
Drill Method:		Diamond Drill		
UTM Zone:		18		
Easting:		445277.000		
Northing:		5031716.000		
Location Accuracy:				
Orig. Ground Elevation(m):		39.799999		
Elev. Reliability Note:				
DEM Ground Elevation(m):		40.500000		
Total Depth(m):		25.100000		
Primary Name:				
Township:				
Concession:				
Lot:				
Municipality:				
Completion Date:		1961-AUG-24		
Static Water Level:				
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		6561911		
Top Depth(m):		0		
Bottom Depth(m):		9.600000		
Stratum Desc:		WATER		
+				
Stratum ID:		6561912		
Top Depth(m):		9.600000		
Bottom Depth(m):		9.900000		
Stratum Desc:		LIMESTONE BOULDERS		
+				
Stratum ID:		6561913		
Top Depth(m):		9.900000		
Bottom Depth(m):		25.100000		
Stratum Desc:		SOUND DARK GREY LIMESTONE BEDROCK		

82 **1 of 1** **55.0** **ON** **BORE**

Borehole ID: 801308
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Rotary (conventional)
UTM Zone: 18
Easting: 445911.343
Northing: 5031815.560
Location Accuracy:
Orig. Ground Elevation(m): 54.599998
Elev. Reliability Note:
DEM Ground Elevation(m): 43.799999
Total Depth(m): 12.500000
Primary Name: BH 3
Township:
Concession:
Lot:
Municipality:
Completion Date: 1979-FEB-13
Static Water Level:

Map Key	Number of Records	Elevation m	Site	DB
Primary Water Use:				
Secondary Water Use:				
Location Description:				
--- Details ---				
Stratum ID:		218567699		
Top Depth(m):		0		
Bottom Depth(m):		0.600000		
Stratum Desc:		Ice		
+				
Stratum ID:		218567700		
Top Depth(m):		0.600000		
Bottom Depth(m):		3.900000		
Stratum Desc:		Water		
+				
Stratum ID:		218567701		
Top Depth(m):		3.900000		
Bottom Depth(m):		4.800000		
Stratum Desc:		Grey Compact Till Silt - Sand With: Gr Trace: Cl Occasional: Cob Occ Blds		
+				
Stratum ID:		218567702		
Top Depth(m):		4.800000		
Bottom Depth(m):		5.200000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218567703		
Top Depth(m):		5.200000		
Bottom Depth(m):		7.800000		
Stratum Desc:		Grey Bedrock Limestone		
+				
Stratum ID:		218567704		
Top Depth(m):		7.800000		
Bottom Depth(m):		12.500000		
Stratum Desc:		Grey Bedrock Limestone		

83 **1 of 1** **50.7** **ON** **BORE**

Borehole ID: 806158
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Rotary (conventional)
UTM Zone: 18
Easting: 445261.815
Northing: 5031435.731
Location Accuracy:
Orig. Ground Elevation(m): 54.200001
Elev. Reliability Note:
DEM Ground Elevation(m): 48.700001
Total Depth(m): 15.700000
Primary Name: BH 6
Township:
Concession:
Lot:
Municipality:
Completion Date: 1980-MAR-5
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

Map Key	Number of Records	Elevation m	Site	DB
--- Details ---				
		218587829		
		0		
		0.100000		
		Asphalt		
		218587830		
		0.100000		
		0.200000		
		Brown Sand - Gravel		
		218587831		
		0.200000		
		2.600000		
		Dark Brown Compact Fill-Misc Gravel With: Si W Sa Occasional: Cob Occ Blds		
		218587832		
		2.600000		
		10.700000		
		Grey Compact to Very Loose Fill -Rock Limestone		
		218587833		
		10.700000		
		13.400000		
		Grey Bedrock Limestone		
		218587834		
		13.400000		
		15.700000		
		Grey Bedrock Limestone		

84 **1 of 1** **44.6** **ON** **BORE**

Borehole ID: 806151
Type: Borehole
Use: Geotechnical/Geological Investigation
Status:
Drill Method: Rotary (conventional)
UTM Zone: 18
Easting: 445247.813
Northing: 5031430.493
Location Accuracy:
Orig. Ground Elevation(m): 43.900002
Elev. Reliability Note:
DEM Ground Elevation(m): 44.599998
Total Depth(m): 4.400000
Primary Name: BH 3
Township:
Concession:
Lot:
Municipality:
Completion Date: 1980-MAR-3
Static Water Level:
Primary Water Use:
Secondary Water Use:
Location Description:

--- Details ---
Stratum ID: 218587804
Top Depth(m): 0
Bottom Depth(m): 1.700000

Map Key	Number of Records	Elevation m	Site	DB
<i>Stratum Desc:</i>			Dark Brown Compact Fill-Misc sand silt Trace: Constr Debris Occasional: Gr Occ Cob	
+				
<i>Stratum ID:</i>		218587805		
<i>Top Depth(m):</i>		1.700000		
<i>Bottom Depth(m):</i>		1.900000		
<i>Stratum Desc:</i>			Grey Bedrock Limestone	
+				
<i>Stratum ID:</i>		218587806		
<i>Top Depth(m):</i>		1.900000		
<i>Bottom Depth(m):</i>		4.400000		
<i>Stratum Desc:</i>			Grey Bedrock Limestone	

Unplottable Report

Site: (Ward 13 Rideau-Rockcliffe
Sussex Drive, MacKay to Princess/Rideau Gate Ottawa ON

Database:
CA

Certificate #: 5184-5A2LF4
Application Year: 02
Issue Date: 5/13/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: Install Watermains on Sussex Drive Between MacKay & Rideau Gate
Contaminants:
Emission Control:

Site: OTTAWA CITY-PT.LOT LETTER 'O', CONC.C&D
KING EDWARD AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1467-91-
Application Year: 91
Issue Date: 12/2/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON - YORK ST.
YORK ST/SUSSEX DR/DALHOUSIE ST OTTAWA CITY ON

Database:
CA

Certificate #: 7-1198-90-
Application Year: 90
Issue Date: 8/3/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY - PT. LOT O, CONC. D
SUSSEX DR., CITY HALL S.W.M. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0993-92-
Application Year: 92
Issue Date: 8/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY - PT.LOT O, CONC. D
SUSSEX DRIVE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1813-91-
Application Year: 91
Issue Date: 12/3/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY - YORK ST.
YORK ST/SUSSEX DR/DALHOUSIE ST OTTAWA CITY ON

Database:
CA

Certificate #: 3-1474-90-
Application Year: 90
Issue Date: 8/3/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
PARENT AVE OTTAWA CITY ON

Database:
CA

Certificate #: 3-1005-87-
Application Year: 87
Issue Date: 6/18/1987
Approval Type: Municipal sewage

Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
King Edward Avenue (from King Edward Avenue to MacDonald Cartier Bridge) Ottawa ON

Database:
CA

Certificate #: 8343-6CWHXZ
Application Year: 2005
Issue Date: 6/1/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **SISTERS OF CHARITY OF OTTAWA, ENGINEERIN**
LOT 6, PT.LOT 7, N.CATHCART ST OTTAWA CITY ON

Database:
CA

Certificate #: 8-4118-99-
Application Year: 99
Issue Date: //
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: STANDBY GENSET, ELIZABETH BRUYERE HOSP.
Contaminants:
Emission Control:

Site: **Ward 13 Rideau-Rockcliffe**
Sussex Drive, MacKay to Princess/Rideau Gate Ottawa ON

Database:
CA

Certificate #: 7829-5A2L9N
Application Year: 02
Issue Date: 5/13/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: Install Storm Sewers on Sussex Drive
Contaminants:

Emission Control:

Site: **City of Ottawa**
Sussex Drive (King Edward Ave. to Mackay St.) Ottawa ON

Database:
CA

Certificate #: 2742-5KSKYE
Application Year: 2003
Issue Date: 4/3/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
King Edward Avenue Ottawa ON

Database:
CA

Certificate #: 1054-6RMQZT
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
Sussex Drive (King Edward Ave. to Mackay St.) Ottawa ON

Database:
CA

Certificate #: 0949-5P3Q8B
Application Year: 2003
Issue Date: 7/7/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **City of Ottawa**
King Edward Ave Ottawa ON

Database:
CA

Certificate #: 4043-7PUT48

Application Year: 2009
Issue Date: 4/8/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
King Edward Ave Ottawa ON

Database:
CA

Certificate #: 4067-7EPJYC
Application Year: 2008
Issue Date: 5/16/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ROCKCLIFFE BOATHOUSE LTD.
SUSSEX DRIVE OTTAWA CITY ON

Database:
CA

Certificate #: 8-4087-91-
Application Year: 91
Issue Date: 8/14/1991
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: EXHAUST FAN FOR KITCHEN STOVE
Contaminants:
Emission Control:

Site: ROCKCLIFFE BOATHOUSE LTD.
SUSSEX DR. AT THE LOOKOUT OTTAWA CITY ON

Database:
CA

Issue Date: 6/14/1991
Certificate #: 8-4083-90-
Application Year: 90
Approval Type: Industrial air
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description: COMMERCIAL KITCHEN HOOD VENTING FOR STOV
Contaminants: Odour/Fumes
Emission Control: No Controls

Site: **Rockcliffe Boathouse Marine Inc.**
Sussex Dr., Lot Gore Concession 1 OTTAWA ON

Database:
CFOT

Registration No.: 200204-2539
Licence No.:
Tank Size: 1000 gal
Year Installed: 1984
Tank Material: Steel
Distributor: Eastview Fuel
Contact Name: c/o Shirley Kent
Contact Address: Beechwood, P.O. 74073
Contact Address2:
Contact City: Ottawa
Comments:

Site: **City of Ottawa**
King Edward Ave Ottawa ON

Database:
ECA

CofA Number: 3035-8YCRZ9
Date: 10/12/2012
Status: Approved
Project Type: Municipal and Private Sewage

Site: **Marina Ottawa Rowin Club , Sussex Drive Ottawa ON**

Database:
NEES

Incident Date: 6/30/01 10:53
Contaminant: gasoline
Amount: 100
Units: Litres
Quantity: Potential
Cause: Sinking
Source: Other Motor Vehicle
Reason: Unknown
Sector: Transportation

Site: **ONTARIO HYDRO**
R.M. OTTAWA-CARLETON/R.P 4358 OTTAWA ON

Database:
NPCB

Company Code: O0893
Transaction Date: 5/31/1988
Inspection Date:
Industry: UTILITY
Site Status:

--- Details ---

Label: OH00122
No. of Items: 72
Contents: 327 L
Serial No.:
Item/State: CAPACITOR/FULL
Status: STORED FOR DISPOSAL

PCB Type/Code: ASKAREL/INERTEEN
Location:
Manufacturer:
+
Label: OH00121
No. of Items: 72
Contents: 327 L
Serial No.:
Item/State: CAPACITOR/FULL
Status: STORED FOR DISPOSAL
PCB Type/Code: ASKAREL/INERTEEN
Location:
Manufacturer:

Site: ONTARIO HYDRO
KING EDWARD T.S.; R.M. OTTAWA-CARLETON/R.P. 4358 OTTAWA ON

Database:
NPCB

Inspection Date:
Company Code: O0893
Transaction Date: 5/31/1988
Industry: Utility
Site Status:

Site: Waste Management of Canada Corporation
Ottawa ON

Database:
SPL

Ref No.: 5421-6SXKLN
Incident Dt: 8/23/2006
MOE Reported Dt: 8/23/2006
Contaminant Name: MOTOR OIL
Contaminant Quantity: 30 L
Incident Summary: Waste Management: ~30 L motor oil from truck on Dalhousie St
Incident Cause: Other Discharges
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Not Anticipated
Ref No.: 5421-6SXKLN
Incident Dt: 8/23/2006
MOE Reported Dt: 8/23/2006
Contaminant Name: MOTOR OIL
Contaminant Quantity: 30 L
Incident Summary: Waste Management: ~30 L motor oil from truck on Dalhousie St
Incident Cause: Other Discharges
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Not Anticipated

Site: PRIVATE OWNER
KING EDWARD AVE. NORTH OF RIDEAU. OTTAWA CITY ON

Database:
SPL

Ref No.: 27499
Incident Dt: 11/7/1989
MOE Reported Dt: 11/7/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: A.F.WHITE TRANSPORT TRUCK-SMALL QUANTITY OF TRANSMISSION FLUID TO
GRD
Incident Cause: OTHER CONTAINER LEAK

Incident Reason: GASKET/JOINT
Nature of Impact:
Receiving Medium: LAND
Environmental Impact:

Site: UNIVERSITY OF OTTAWA
KING EDWARD OTTAWA CITY ON

Database:
SPL

Ref No.: 84839
Incident Dt: 4/30/1993
MOE Reported Dt: 4/30/1993
Contaminant Name:
Contaminant Quantity:
Incident Summary: UNIVERSITY OF OTTAWA: 225-450 L FURNACE OIL TO GROUND DUE TO OVERFILL.
Incident Cause: CONTAINER OVERFLOW
Incident Reason: ERROR
Nature of Impact: Water course or lake
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: UNKNOWN
MARINA AT BASE OF SUSSEX DRIVE OTTAWA CITY ON

Database:
SPL

Ref No.: 41475
Incident Dt: 9/29/1990
MOE Reported Dt: 9/29/1990
Contaminant Name:
Contaminant Quantity:
Incident Summary: UNKNOWN QTY OILY MAT'L ON OTTAWA RIVER (CITY & MOE INVESTIGATING).
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Reason: UNKNOWN
Nature of Impact: Fish kill
Receiving Medium: WATER
Environmental Impact: POSSIBLE

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd can search the following databases. The extent of Historical information varies with each database and current information is determined by what is publicly available to Ecolog ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Abandoned Aggregate Inventory: Up to Sept 2002 Provincial [AAGR](#)
The MAAP Program maintains a database of all abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.

Aggregate Inventory: Up to Aug 2012 Provincial [AGR](#)
The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. Please note that the database is only referenced by lot\concession and city/town location. The database provides information regarding the registered owner/operator, location, status, licence type, and maximum tonnage.

Abandoned Mine Information System: 1800-Jan 2012 Provincial [AMIS](#)
The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Anderson's Waste Disposal Sites: 1860s-Present Private [ANDR](#)
The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Automobile Wrecking & Supplies: 2001-Jun 2010 Private [AUWR](#)
This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Borehole: 1875-Aug 2011 Provincial [BORE](#)
A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Certificates of Approval:

1985-Oct 30, 2011*

Provincial

[CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Commercial Fuel Oil Tanks:

1948-Aug 2011

Provincial

[CFOT](#)

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Chemical Register:

1992, 1999-Jun 2010

Private

[CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Inventory of Coal Gasification Plants and Coal Tar

Apr 1987 and Nov 1988*

Provincial

[COAL](#)**Sites:**

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Compliance and Convictions:

1989-Feb 2013

Provincial

[CONV](#)

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Certificates of Property Use:

1994-Feb 2013

Provincial

[CPU](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Drill Hole Database:

1886-Oct 2011

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Environmental Activity and Sector Registry:

Oct 31, 2011-Mar 2013

Provincial

[EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Environmental Registry:

1994-Feb 2013

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Environmental Compliance Approval:

Oct 31, 2011-Mar 2013

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For CofA's prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Environmental Effects Monitoring:

1992-2007*

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

ERIS Historical Searches:

1999-Oct 2012

Private

[EHS](#)

EcoLog ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Environmental Issues Inventory System:

1992-2001*

Federal

[EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

List of TSSA Expired Facilities:

Current to Feb 2012

Provincial

[EXP](#)

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Federal Convictions:

1988-Jun 2007

Federal

[FCON](#)

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Contaminated Sites on Federal Land:

June 2000-Jan 2013

Federal

[FCS](#)

The Federal Contaminated Sites Inventory includes information on all known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Fisheries & Oceans Fuel Tanks:

1964-Sept 2003

Federal

[FOFT](#)

Fisheries & Oceans Canada maintains an inventory of all aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Fuel Storage Tank:

Current to Jun 2011

Provincial

[FST](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Ontario Regulation 347 Waste Generators Summary:

1986-Apr 2012

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

TSSA Historic Incidents:

2006-June 2009

Provincial

[HINC](#)

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Indian & Northern Affairs Fuel Tanks:

1950-Aug 2003

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

TSSA Incidents:

June 2009-Mar 2012

Provincial

[INC](#)

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Landfill Inventory Management Ontario:

2010

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Canadian Mine Locations:

1998-2009

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Mineral Occurrences:

1846-Nov 2011

Provincial

[MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

National Analysis of Trends in Emergencies System

1974-1994*

Federal

[NATE](#)**(NATES):**

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Non-Compliance Reports:

1992(water only), 1994-2010

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

<u>National Defence & Canadian Forces Fuel Tanks:</u>	Up to May 2001*	Federal	NDFT
The Department of National Defence and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.			
<u>National Defence & Canadian Forces Spills:</u>	Mar 1999-Aug 2010	Federal	NDSP
The Department of National Defence and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.			
<u>National Defence & Canadian Forces Waste Disposal Sites:</u>	2001-Apr 2007	Federal	NDWD
The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.			
<u>National Environmental Emergencies System (NEES):</u>	1974-2003	Federal	NEES
In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for all previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.			
<u>National PCB Inventory:</u>	1988-2008	Federal	NPCB
Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites.			
<u>National Pollutant Release Inventory:</u>	1993-2010	Federal	NPRI
Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.			
<u>Oil and Gas Wells:</u>	1988-2012	Private	OGW
The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com .			

Ontario Oil and Gas Wells: 1800-Feb 2012 Provincial [OOGW](#)
In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, well cap date, licence no., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Inventory of PCB Storage Sites: 1987-Oct 2004 Provincial [OPCB](#)
The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Orders: 1994-Feb 2013 Provincial [ORD](#)
This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, Private [PAP](#)
2009
This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Parks Canada Fuel Storage Tanks: 1920-Jan 2005 Federal [PCFT](#)
Canadian Heritage maintains an inventory of all known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Pesticide Register: 1988-Jun 2012 Provincial [PES](#)
The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

TSSA Pipeline Incidents: June 2009-Mar 2012 Provincial [PINC](#)
TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Private and Retail Fuel Storage Tanks: 1989-1996* Provincial [PRT](#)
The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Permit to Take Water: 1994-Feb 2013 Provincial [PTTW](#)
This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Ontario Regulation 347 Waste Receivers Summary: 1986-2009 Provincial [REC](#)
Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Record of Site Condition: 1997-Sept 2001, Oct 2004- Provincial [RSC](#)
Feb 2013
The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Retail Fuel Storage Tanks: 1999-Jun 2010 Private [RST](#)
This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Scott's Manufacturing Directory: 1992-Mar 2011 Private [SCT](#)
Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Ontario Spills: 1988-Aug 2012 Provincial [SPL](#)
This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Wastewater Discharger Registration Database: 1990-2011 Provincial [SRDS](#)
Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Anderson's Storage Tanks: 1915-1953* Private [TANK](#)
The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Transport Canada Fuel Storage Tanks: 1970-Mar 2007 Federal [TCFT](#)
With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

TSSA Variances for Abandonment of Underground

Current to Oct 2011

Provincial

[VAR](#)

Storage Tanks:

The TSSA, Under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Waste Disposal Sites - MOE CA Inventory:

1970-Mar 2013

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Up to Oct 1990*

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Water Well Information System:

1955-2011

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property, within the report search radius, and the surrounding area outside the search radius.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red upside down triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

Fax



Stantec

Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa ON K2C 3G4
Tel: (613) 722-4420
Fax: (613) 722-2799

To:	Ms. Heather Hill	From:	Christine Braham
Company:	MOE Freedom of Information and Privacy Protection Office	Phone:	(613) 738-6050
Fax:	416-314-4285	Fax:	(613) 722-2799
Date:	June 24, 2013		
File:	122510670.215		3 page(s) total includes cover sheet. Original will NOT follow by mail.

The content of this fax is confidential. If the reader is not the intended recipient or its agent, be advised that any dissemination, distribution or copying of the content of this fax is prohibited. If you have received this fax in error, please notify us immediately and return the original fax to us by mail at our expense. Thank you.

Reference:

Dear Ms. Hill,

Stantec Consulting Ltd. would like to make a formal request under the Freedom of Information and Protection of Privacy Act for information regarding the attached to ascertain the existence of any information regarding infractions or violations of applicable environmental regulations, any reportable spill occurrences.

We appreciate your assistance in collecting this information. Please see the attached Visa Preauthorization to deduct the \$5 fee from our prepaid account as well as \$30.00 for processing fees. Should you have any questions or require additional information, please contact me at (613)-738-6050.

Thank you in advance for your assistance in the above matter.

Sincerely,

STANTEC CONSULTING LTD.

Christine Braham
Senior Administrative Assistant
Environmental Services
christine.braham@stantec.com

Attachment:

c. file copy

One Team. Infinite Solutions.

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario K2C 3G4 Email Address christine.braham@stantec.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid
			Response Due Date	ACCT-CHQ-VISA-MC-CASH
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference No. 122510670.215	Signature of Requester Christine Braham	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)

Part Lot 3 and Part Lot 7 RCP611769, Parts 2,4,5,6 Plan 4R-26468

Present Property Owner(s) and Date(s) of Ownership

City of Ottawa

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s), (if applicable)

Search Parameters

Files older than 2 years may require \$60.00 retrieval cost.
There is no guarantee that records responsive to your request will be located.

Specify Year(s) Requested

Environmental concerns (General correspondence, occurrence reports, abatement)

All

Orders

All

Spills

All

Investigations/prosecutions ▶ Owner/tenant information must be provided

All

Waste Generator number/classes

All

Certificates of Approval ▶ Proponent information must be provided

1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, hydrogeological reports, etc.

SD

Specify Year(s) Requested

air - emissions

water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)

sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations

waste water - industrial discharge

waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites

All

waste systems

- haulers: sewage, non-hazardous & hazardous waste

All

- mobile waste processing units

All

- PCB destruction

All

pesticides - licenses

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Fax



Stantec

Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa ON K2C 3G4
Tel: (613) 722-4420
Fax: (613) 722-2799

To:	Ms. Heather Hill	From:	Christine Braham
Company:	MOE Freedom of Information and Privacy Protection Office	Phone:	(613) 738-6050
Fax:	416-314-4285	Fax:	(613) 722-2799
Date:	June 24, 2013		
File:	122510670.210		3 page(s) total includes cover sheet. Original will NOT follow by mail.

The content of this fax is confidential. If the reader is not the intended recipient or its agent, be advised that any dissemination, distribution or copying of the content of this fax is prohibited. If you have received this fax in error, please notify us immediately and return the original fax to us by mail at our expense. Thank you.

Reference:

Dear Ms. Hill,

Stantec Consulting Ltd. would like to make a formal request under the Freedom of Information and Protection of Privacy Act for information regarding the attached to ascertain the existence of any information regarding infractions or violations of applicable environmental regulations, any reportable spill occurrences.

We appreciate your assistance in collecting this information. Please see the attached Visa Preauthorization to deduct the \$5 fee from our prepaid account as well as \$30.00 for processing fees. Should you have any questions or require additional information, please contact me at (613)-738-6050.

Thank you in advance for your assistance in the above matter.

Sincerely,

STANTEC CONSULTING LTD.

Christine Braham
Senior Administrative Assistant
Environmental Services
christine.braham@stantec.com

Attachment:

c. file copy

One Team. Infinite Solutions.

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario K2C 3G4 Email Address christine.braham@stantec.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received	Fee Paid
			Response Due Date	ACCT-CHQ-VISA-MC-CASH
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference No. 122510670.210	Signature of Requester Christine Braham	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)

50 King Edward Avenue, Ottawa, Ontario (City PIN: 042180175)

Present Property Owner(s) and Date(s) of Ownership

City of Ottawa

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s), (if applicable)

Search Parameters

Files older than 2 years may require \$60.00 retrieval cost.
There is no guarantee that records responsive to your request will be located.

Specify Year(s) Requested

Environmental concerns (General correspondence, occurrence reports, abatement)

All

Orders

All

Spills

All

Investigations/prosecutions ▶ Owner/tenant information must be provided

All

Waste Generator number/classes

All

Certificates of Approval ▶ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of \$300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, hydrogeological reports, etc.

	SD	Specify Year(s) Requested
air - emissions		
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)		
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations		
waste water - industrial discharge		
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites		All
waste systems		All
- haulers: sewage, non-hazardous & hazardous waste		All
- mobile waste processing units		All
- PCB destruction		All
pesticides - licenses		

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Fax



Stantec

Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa ON K2C 3G4
Tel: (613) 722-4420
Fax: (613) 722-2799

To:	Ms. Heather Hill	From:	Christine Braham
Company:	MOE Freedom of Information and Privacy Protection Office	Phone:	(613) 738-6050
Fax:	416-314-4285	Fax:	(613) 722-2799
Date:	June 27, 2013		
File:	122510670.215		10 page(s) total includes cover sheet. Original will NOT follow by mail.

The content of this fax is confidential. If the reader is not the intended recipient or its agent, be advised that any dissemination, distribution or copying of the content of this fax is prohibited. If you have received this fax in error, please notify us immediately and return the original fax to us by mail at our expense. Thank you.

Reference:

Dear Ms. Hill,

Stantec Consulting Ltd. would like to make a formal request under the Freedom of Information and Protection of Privacy Act for information regarding the attached to ascertain the existence of any information regarding infractions or violations of applicable environmental regulations, any reportable spill occurrences.

We appreciate your assistance in collecting this information. Please see the attached Visa Preauthorization to deduct the \$5 fee from our prepaid account as well as \$30.00 for processing fees. Please process for all **eight** requests for a total amount of \$280.00. Should you have any questions or require additional information, please contact me at (613)-738-6050.

Thank you in advance for your assistance in the above matter.

Sincerely,

STANTEC CONSULTING LTD.

Christine Braham
Senior Administrative Assistant
Environmental Services
christine.braham@stantec.com

Attachment:

c. file copy

One Team. Infinite Solutions.

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only				
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.		Date Request Received		
			Fee Paid \$				~ ACCT
Telephone/Fax Nos.	Your Project/Reference	Signature of Requester		~ CNR	~ ER	~ NOR	
Tel : 613-738-6050 Fax : 613-722-2799	122510670.215			~ WCR			
				~ SAC	~ IEB	~ EAA	~ EMR
				~ SWA			
Request Parameters							
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)							
125 Boteler Street, Ottawa							
Present Property Owner(s) and Date(s) of Ownership							
Condominium corporation							
Previous Property Owner(s) and Date(s) of Ownership							
Present/Previous Tenant(s), (if applicable)							
Search Parameters						Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.							
Environmental concerns (General correspondence, occurrence reports, abatement)						All	
Orders						All	
Spills						All	
Investigations/prosecutions ▶ Owner and tenant information must be provided						All	
Waste Generator number/classes						All	
Certificates of Approval ▶ Proponent information must be provided							
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.							
						SD	Specify Year(s) Requested
air - emissions							
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)							
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations							
waste water - industrial discharge							
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites							All
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction							All
pesticides - licenses							

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference 122510670.215	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
<i>150 Boteler Street, Ottawa</i>				
Present Property Owner(s) and Date(s) of Ownership				
<i>Korean Embassy</i>				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
	SD		Specify Year(s) Requested	
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			All	
waste systems		- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	All	
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document 1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference 122510670.215	Signature of Requester	~ CNR	~ ER
			~ WCR	~ NOR
			~ SAC	~ IEB
			~ SWA	~ EAA
			~ SWR	~ EMR
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
186 Boteler Street, Ottawa				
Present Property Owner(s) and Date(s) of Ownership				
Dufferin Construction				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				All
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction				All
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00. Document1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference 122510670.215	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
190 Boteler Street, Ottawa				
Present Property Owner(s) and Date(s) of Ownership				
M. R. Zelmer				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				All
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction				All
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document 1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference 122510670.215	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
<i>198 Boteler Street, Ottawa</i>				
Present Property Owner(s) and Date(s) of Ownership				
<i>Private Owner</i>				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
	SD		Specify Year(s) Requested	
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites			All	
waste systems		- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	All	
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document 1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos. Tel : 613-738-6050 Fax : 613-722-2799	Your Project/Reference 122510670.215	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
204 Boteler Street, Ottawa				
Present Property Owner(s) and Date(s) of Ownership				
Catholic Immigration Centre of Ottawa.				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				All
waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction			All
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos.	Your Project/Reference	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Tel : 613-738-6050 Fax : 613-722-2799	122510670.215			
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
171 Bolton Street, Ottawa				
Present Property Owner(s) and Date(s) of Ownership				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				All
waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction			All
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document 1

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Christine Braham Stantec Consulting Ltd. 1331 Clyde Avenue, Suite 400 Ottawa, Ontario, K2C 3G4 Email Address: christine.braham@stantec.com			FOI Request No.	Date Request Received
			Fee Paid \$	
Telephone/Fax Nos.	Your Project/Reference	Signature of Requester	~ CNR ~ ER ~ NOR ~ SWR ~ WCR ~ SAC ~ IEB ~ EAA ~ EMR ~ SWA	
Tel : 613-738-6050 Fax : 613-722-2799	122510670.215			
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions)				
205 Bolton Street, Ottawa				
Present Property Owner(s) and Date(s) of Ownership				
residential condominiums				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All	
Orders			All	
Spills			All	
Investigations/prosecutions ▶ Owner and tenant information must be provided			All	
Waste Generator number/classes			All	
Certificates of Approval ▶ Proponent information must be provided				
1987 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				
waste water - industrial discharge				
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				All
waste systems	- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction			All
pesticides - licenses				

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.
Document 1

Cooke, Brenda

From: Cooke, Brenda
Sent: Friday, June 28, 2013 10:14 AM
To: 'publicinformationsservices@tssa.org'
Subject: Request for records search

Hello,

I am looking to have a search performed on a property located on the north side of Boteler Street between Dalhousie Street and King Edward Avenue, Ottawa.

Can you please let me know, by email, if any records are found. If records are found I will provide my credit card information for the records.

If you have any questions please let me know.

Thanks!
Brenda

Brenda Cooke, M.Sc. (Eng.)

Stantec Consulting Ltd.

1331 Clyde Avenue, Suite 400

Ottawa ON K2C 3G4

Ph: (613) 784-2226

Fx: (613) 722-2799

brenda.cooke@stantec.com

stantec.com

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

 Please consider the environment before printing this email.