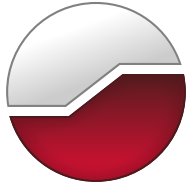


GEMTEC

www.gemtec.ca

**Phase One
Environmental Site Assessment
Proposed Residential Development
393 McArthur Avenue
Ottawa, Ontario**



GEMTEC

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Submitted to:

Novatech Engineering Consultants
200 Michael Cowpland Drive
Ottawa, Ontario
K2M 1P6

**Phase One
Environmental Site Assessment
Proposed Residential Development
393 McArthur Avenue
Ottawa, Ontario**

May 31, 2022
Project: 64819.22

GEMTEC Consulting Engineers and Scientists Limited
32 Steacie Drive
Ottawa, ON, Canada
K2K 2A9

May 31, 2022

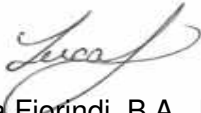
File: 64819.22

Novatech Engineering Consultants
200 Michael Cowpland Drive
Ottawa, Ontario
K2M 1P6

Attention: Mr. Murray Chown, MCIP, RPP

**Re: Phase One Environmental Site Assessment
393 McArthur Street
Ottawa, Ontario**

Enclosed is the GEMTEC Consulting Engineers and Scientists Limited, Updated Phase One ESA report for the above-noted project. The report presented herein is based on the scope of work presented in our proposal dated July 9, 2019, updated to include 2022 site conditions. This updated report was prepared by Luca Fiorindi, B.A., Dip., with senior review performed by Brenda Thom, M.Sc.E., P.Eng., QP_{ESA}.



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Jr. Environmental Technologist



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Senior Environmental Engineer

LF/BT

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EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Novatech Engineering Consultants Engineering Consultants to carry out a Phase One Environmental Site Assessment (ESA) at 393 McArthur Avenue in Ottawa, Ontario (hereafter referred to as “the subject property”).

GEMTECs understands that the Phase One ESA is required for development purposes. The original Phase One ESA prepared by GEMTEC for Novatech was conducted in general accordance with Ontario Regulation 153/04 and the CSA Group standard *Z768-01 (R2016)*. To support the filing of a Record of Site condition (RSC), as requested by the client contact and found to be mandatory, the Phase One ESA was updated in May 2022 to only be in general accordance with Ontario Regulation 153/04.

The subject property is currently vacant, although based on historical review structures have been present historically on the subject property. Based on the review of aerial photographs, the subject property was developed sometime before 1928 as structures are visible on the subject property in the 1928 aerial photograph.

Based on review of records and the site reconnaissance, potential environmental concerns are present at the subject property resulting from historical / present activities and PCAs identified at the subject property and study area.

The APECs identified at the subject property include:

APEC 1: Operation of Dry Cleaning Equipment at 387 McArthur Avenue

The ERIS report, city directory, and site reconnaissance identified 387 McArthur Avenue as a dry cleaner. As detailed in the ERIS manufacturing directory: men's and boys' cut and sew suit, coat and overcoat manufacturing, and dry cleaning and laundry services.

APEC 2: Use of Salt for de-icing purposes on the subject property

It was identified through the site interview, and aerial photographs that the subject property has been historically used as a commercial parking lot. As such, salt has likely been used at 393 McArthur Avenue as a de-icing agent.

APEC 3: Importation of Fill Material of Unknown Quality on the subject property

Fill material of unknown origin may have been brought to the subject property during the development of the subject property as a parking lot or during the development of the structures historically present on the subject property. Furthermore, since no records are available regarding the demolition of the historical buildings, deleterious building material may still be present on the subject property.

APEC 4: Hydrocarbon spill from truck on the subject property

A white pick-up truck was identified during the 2019 site reconnaissance. The truck was located on the east side of the subject property, with staining and a hydrocarbon odour identified on the asphalt below the truck.

Based on the 2022 site reconnaissance, the truck and staining were not observed on the subject property.

A Phase Two ESA was recommended to be completed for the subject property, to investigate soil and groundwater quality in the vicinity of the identified APECs and assist in the preparation of a remedial or risk management strategy for the development of the subject property, if required.

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1.0 INTRODUCTION

1.1 Background

GEMTEC Consulting Engineers and Scientist Limited (GEMTEC) was retained by Novatech Engineering Consultants Engineering Consultants (Novatech) to complete a Phase One Environmental Site Assessment (ESA) for proposed residential development at the property located at 393 McArthur Avenue in Ottawa, Ontario (the 'subject property'). The location of the subject property is shown on Figure 1, Appendix A.

We understand that the Phase Two ESA is required in support of a proposed development, with potential re-zoning of the property from vacant (or commercial) to residential land-use. Change in land use from vacant 'commercial' to residential' would represent a shift to a more stringent land use, a condition that would make the filing of a Record of Site Condition (RSC) mandatory under the Ontario Regulation (O.Reg.) 153/04 under the Environmental Protection Act.

This Phase Two ESA was conducted in general accordance of O.Reg. 153/04, and may be used to support a future RSC application for the subject property, provided a legal survey of the property is included in the RSC application.

1.2 Phase One Property Information

The subject property is owned by Elite Home Management and is located on the northwest quadrant of McArthur Avenue and Belisle Street. The legal description for 393 McArthur Avenue is part of lot 7, concession junction gore, being part 1 on plan 5R-12736, City of Ottawa; PIN 04241-0135.

The subject property is rectangular in shape with approximately 21 m of frontage along McArthur Avenue and 57 m along the west side of Belisle Street, with an area of approximately 0.16 hectares (0.4 acres). The subject property is currently vacant with concrete block barricades around the perimeter, and a gated entrance off McArthur Avenue.

Authorization to proceed with the work was granted to GEMTEC by Mr. Murray Chown of Novatech on July 16, 2019. Mr. Chown can be reached at 613-254-9643.

2.0 SCOPE OF INVESTIGATION

2.1 General Objectives

The Phase One ESA was conducted in accordance with current industry standards, as outlined within Schedule D of O.Reg. 153/04. The general objectives of the Phase One ESA were:

- To develop a preliminary determination of the likelihood of contamination in soil or groundwater at the subject property; and,
- To determine the need for a Phase Two ESA.

The general objectives were met through the evaluation of the information gathered from the review of records, an interview, and a site reconnaissance. Specific objectives for these components and the tasks completed to achieve these objectives are described below.

2.2 Records Review

The records review was conducted to obtain and review records that relate to the subject property and the surrounding lands within a 250 m radius (Phase One Study Area) to identify current and past uses and activities that may have contributed to contamination of the soil and groundwater at the subject property.

- Bedrock and Overburden Geology Maps – Overburden and bedrock geology maps provided by Ontario Basic Mapping, ESRI geographic information system company, and the Ministry of Natural Resources were reviewed in order to identify the underlying soil deposits, bedrock types, and watercourses.
- Fire Insurance Maps and Reports – A search of available fire insurance maps and reports was performed for the subject property and surrounding area to confirm the development history of the study area. This information was used to assess the historical occupants in the study area, the historical presence of storage tanks, and general development.
- Chain of Title – Chain of title and ownership history for the subject property was obtained to confirm the subject property development history. This information was used to assess the historical ownership/occupants and development at the subject property.
- ERIS Databases – The Environmental Risk Information Services (ERIS) report searches more than 50 public and private information databases to identify potential environmental concerns. An ERIS report was obtained for the subject property and a 250-metre-buffer surrounding the subject property.
- City Directories – A city directory search was conducted for the subject property and adjacent properties using available records, to determine the past/ present use of the subject property, and study area.
- Review of available information from regulatory agencies (i.e. Technical Standards and Safety Authority (TSSA), and Local Municipal Works or Engineering Department),

including a Freedom of Information search request for the subject property. These sources can provide information regarding the presence of fuel storage tanks, approvals and permits, Certificates of Approvals, Ministry of the Environment, Conservation and Parks (MECP) administrative orders (such as control orders, stop orders, remedial orders), and reports submitted to the MECP.

- The City of Ottawa – Records from the City of Ottawa Historical Land Use Inventory (HLUI) were reviewed as part of this report. This information will help to determine the historical uses of the subject property and adjacent properties.
- Google Earth and National Air Photo Library Aerial Photographs – Aerial photographs from the years 1928, 1945, 1965, 1978, 1991, 2002, 2017, 2019, and 2021 were obtained for the subject property and study area. The photographs were reviewed to identify APECs resulting from historical land uses on the subject property and surrounding areas.
- Mapping of Federally Contaminated Sites – Prepared by Treasury Board of Canada Secretariat was reviewed. The interactive maps database provides an inventory of over 4,000 federally contaminated sites across the country and were reviewed to identify any known brownfields on the subject property, or in the study area.
- Ontario Inventory of PCB Storage Sites – Prepared by Ontario Ministry of the Environment (Waste Management Branch) was reviewed. The publication includes information of PCB storage sites collected under O.Reg. 11/82 through MECP district and regional offices and was reviewed to determine if there was a large PCB storage site identified on the subject property, or in the study area.

2.3 Interview

The objective of the interview is to assist in the identification of PCAs that may have led to APECs at the subject property.

GEMTEC interviewed Mr. Miles Yang, owner of 393 McArthur Avenue on August 1, 2019. Mr. Yang provided a description of recent and past uses of the subject property and was asked about activities that could have contributed to contamination of the soil and groundwater.

2.4 Site Reconnaissance

The site reconnaissance was conducted to document current site conditions and determine if APECs are present at the subject property. The purpose of the site reconnaissance was to determine if APECs exist through observations about current and past uses and PCAs on, in or under the subject property; and, as practicable, current and past uses and activities and PCAs in the Phase One Study Area.

To meet the specific site reconnaissance objectives outlined above, the subject property was visually assessed to document current conditions and evaluate the potential for environmental impacts to soil and groundwater and identify any possible preferential pathways such as

underground utilities that may affect the fate, transport and distribution of contaminants. Adjacent properties were assessed from publicly accessible boundaries to evaluate the potential for environmental impacts to the subject property. Photographs were taken to support pertinent observations.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The subject property is rectangular in shape with approximately 21 m of frontage along McArthur Avenue and 57 m along the west side of Belisle Street, with an area of approximately 0.16 hectares (0.4 acres). The subject property is currently vacant with concrete block barricades around the perimeter, and a gated entrance off of McArthur Avenue. Part of the subject property is currently used as a parking lot. The land uses within the study area were observed to be residential, commercial, and community.

Based on this information, a Phase One ESA study area of 250 metres surrounding the subject property is deemed sufficient for the purpose of this Phase One ESA. The location of the subject property and the extent of the Phase One ESA study area are provided on the Study Area Plan, Figure 2. The locations of the identified APECs are provided in Figure 3. A Detailed Site Plan is provided on Figure 4.

3.1.2 First Developed Use Determination

Based on a review of available historical information, the subject property was first developed sometime prior to 1928. By 1928, two semi-detached houses were present on the subject property with associated small structures.

3.1.3 Fire Insurance Plans / Insurance Reports

A search of available fire insurance plans was conducted for the subject property and the adjacent properties. The search indicated that fire insurance plans were available for 1948, and 1958. A summary of the plans can be found below, and a copy of the response is provided in Appendix B.

1948 Fire Insurance Plan

- The subject property and areas directly adjacent to the east and west appear to be developed with residential properties.

1958 Fire Insurance Plan

- The subject property and areas directly adjacent to the east and west appear to be developed with residential properties.

3.1.4 Chain of Title

A chain of title search for the subject property was provided by Wentzell Titles of Kemptville, Ontario and is included in Appendix C. The legal description for 393 McArthur Avenue is part of lot 7, concession junction gore, being part 1 on plan 5R-12736, City of Ottawa; PIN 04241-0135. The highlights of the chain of title search are described below:

- The subject property was first purchased from the Crown by Hon. John Munroe in 1799;
- The property was then owned by many private owners until 1946 when it was severed into two lots;
- The property was merged back to one lot in 1989; and,
- Since 1989 the property has been owned by different private owners until the property was the purchased by Elite Homes Management Inc. (current owner) in 2019.

An updated land title abstract was obtained in May 2022 to support the update of the Phase One ESA. The record indicated no changes to the information provided in the 2019 record review.

3.1.5 Environmental Reports

No historical environmental reports were available for review.

3.2 Environmental Source Information

3.2.1 ERIS Database Report

GEMTEC contacted ERIS to conduct a search of approximately 73 public and private information databases for the subject property and the area within 250 metres of the subject property. The complete ERIS report, including a list of databases searched, is provided in Appendix E. All listings were reviewed and the following entries were identified as relevant:

Table 3.1: Summary of ERIS Database Report

PCA #	PCA Description	Location of PCA	Distance from Subject Property	Company	Database	Description
37	Operation of Dry Cleaning Equipment (where chemicals are used)	387 McArthur Avenue	Adjacent west	McArthur Tailor & Dry Cleaning	Scotts Manufacturing Directory	Listed as men's and boys' cut and sew suit, coat and overcoat manufacturing, and dry cleaning and laundry services.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	373 McArthur Avenue	Adjacent northwest	Ottawa-Carleton District School Board	Ontario Regulation 347 Waste Generators Summary	Listed as producing paint/ pigment/ coating residues from 2009 to 2016, and as of Dec 2018 and March 2019.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	390 McArthur Avenue	20 metres south	Richmond Technical Services - McArthur Medical Centre	Ontario Regulation 347 Waste Generators Summary	Listed as producing photoprocessing wastes from 1986 to 1990, and 1992 to 2004, and pathological wastes from 2014 to as of Mar 2019.
31	Ink Manufacturing, Processing and Bulk Storage	377 McArthur Avenue	25 metres west	Ray-Tek Printing Inc.	Scotts Manufacturing Directory	Listed as digital printing, other printing and business service centers in 1993.
Other	Spill	400 McArthur Avenue	45 metres southeast	City of Ottawa	Ontario Spills	A 40 litre douse water spill occurred in 2014 due to vehicle fire.
31	Ink Manufacturing, Processing and Bulk Storage	411 McArthur Avenue	70 metres east	CR Printing	Scotts Manufacturing Directory	Listed as quick printing, digital printing, and other printing in 1994.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	780 Church Street	70 metres northeast	Conseil des Ecoles Catholiques de Langue	Ontario Regulation 347 Waste Generators Summary	Listed as producing PCBs from 1993 to 2001.
Other	Spill	362 McArthur Avenue	125 metres southwest	-	Historical TSSA Incident	A natural gas release occurred in 2006.

PCA #	PCA Description	Location of PCA	Distance from Subject Property	Company	Database	Description
Other	Spill	415 McArthur Avenue	140 metres east	Enbridge Gas Distribution Inc.	TSSA Incident, Ontario Spills	An incident occurred in 2009 when a 1/2" pipeline was hit. A casual incident analysis was completed.
28	Gasoline and Associated Products Storage in Fixed Tanks	414 McArthur Avenue	145 metres southeast	1067323 Ontario Ltd.	List of TSSA expired facilities, Fuel Storage Tank - Historic, and Private/Retail Fuel Storage Tank	A gasoline service station with at least five fuel storage tanks. Tanks included a 22,700 litre and a 25,500 litre liquid fuel single walled UST for gasoline, one 13,600 litre liquid fuel single walled UST for diesel, and one 13,600 litre liquid fuel single walled UST with undefined contents.
Other	Spill	358 McArthur Avenue	155 metres southwest	-	Historical TSSA Incident	A natural gas release occurred in 2007 due to a pipeline strike at a construction site.
Other	Spill	350 McArthur Avenue	180 metres southwest	-	Historical TSSA Incident	A natural gas release occurred in 2007 due to a pipeline leak. The file was referred back to the MOE as the leak had migrated off-site.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	420 McArthur Avenue	180 metres southeast	Fred Trottier Construction Ltd.	Ontario Regulation 347 Waste Generators Summary	Listed as producing paint/ pigment/ coating residues from 2004 to 2016 and as od Dec 2018 to Mar 2019.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	420 McArthur Avenue	180 metres southeast	U A P Inc.	Ontario Regulation 347 Waste Generators Summary	Listed as producing alkaline wastes, and emulsified oils from 1988 to 1990, and 1992 to 1998.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other	485 Donald Street	180 metres southeast	Ottawa Board of Education	Ontario Regulation 347 Waste	Listed as producing inorganic laboratory chemicals, aliphatic solvents, petroleum distillates, light fuels, halogenated solvents, oils

PCA #	PCA Description	Location of PCA	Distance from Subject Property	Company	Database	Description
	than use of biosoils as soil conditioners				Generators Summary	skimmings & sludges, waste oils & lubricants, and organic laboratory chemicals from 1986 to 1990, 1992 to 2016, and as od Dec 2018 to Mar 2019.
Other	Spill	485 Donald Street	180 metres southeast	Ottawa-Carleton District School Board	Ontario Spills	An unknown volume of oily water spill occurred in 2005. Environmental impact was not anticipated soil contamination.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	422 McArthur Avenue	200 metres southeast	Bytown Cat Hospital	Ontario Regulation 347 Waste Generators Summary	Listed as producing pharmaceutical wastes, pathological wastes, and photoprocessing wastes from 1992 to 2016, and ad of Dec 2018 to Mar 2019.
58	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	McArthur Avenue at Irwin Miller Street	210 metres west	Greely Construction	Ontario Regulation 347 Waste Generators Summary	Listed as producing light fuel wastes in 2014.
Other	Spill	15 Eastwood Place	240 metres west	N R Construction Co. Ltd.	Ontario Spills	A 50 litre hydraulic oil spill occurred in 2015 due to equipment failure. Nature of impact was land.

3.2.2 City Directories

A review of the city directories from 1946 to 2011 was completed for the subject property (393 McArthur Avenue), and several adjacent properties including 373, 381, 385, 387, 390, 400, 401, 416, 420, and 422 McArthur Avenue, in Ottawa, Ontario. A copy of the City Directory records is provided in Appendix F. All records were reviewed, and a summary of environmentally significant businesses is provided in Table 3.1.

Table 3.2: Summary of City Directories

Address	Distance from Subject Property	Description
387 McArthur Avenue	Adjacent west	1965 to 1996/97 and 2006/07 to 2011 – McArthur Tailors & Cleaners
416 McArthur Avenue	160 metres east	1992 to 1996/97 – Aditek Printing, Minute Muffler, and Tidy Car. 2006/07 – Transmission Depot, and Spark Auto. 2011 – Automotive M, and Mastertech Automotive.
420 McArthur Avenue	180 metres southeast	1987 – U A P Inc. Auto Parts 1992 to 1996/97 – Allkars Automotive Ltd.

3.3 Regulatory Information

3.3.1 Technical Standards and Safety Authority

The Technical Standards and Safety Authority (TSSA) was contacted on July 16, 2019, to request available records regarding the subject property (393 McArthur Avenue), and for the adjacent properties located at 373, 381, 385, 387, 390, 393, 400, 401, 416, 420, and 422 McArthur Avenue in Ottawa, Ontario. The response from the TSSA indicated that there are no available records for the subject property or any of the above-listed properties. 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 of 1990 or furnace oil tanks prior to May 1, 2002.

A copy of the search request and the response from the TSSA are provided in Appendix G.

3.3.2 City of Ottawa

Records from the City of Ottawa Historical Land Use Inventory (HLUI) were obtained as part of this study. Based on a review of the HLUI information, the selected activities identified as being associated with potential environmental concerns are listed in Table 3.3 below.

Table 3.3: Summary of The City of Ottawa – Historical Land Use Inventory

PCA#	PCA Description	Company Name	Location	Distance from Subject Property	Facility Type
37	Operation of Dry Cleaning Equipment (where chemicals are used)	McArthur Tailors and Cleaners	387 McArthur Avenue	Adjacent west	Recreational Vehicle Dealers (where servicing is present)
28	Gasoline and Associated Products Storage in Fixed Tanks	1055716 Ontario Limited	414 McArthur Avenue	145 metres southeast	Gasoline Service Stations
52	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Transmission Depot & Eliseo Signorini Garage	416 McArthur Avenue	165 metres southeast	Motor Vehicle Repair Shops & Motor Vehicles, Wholesale
31	Ink Manufacturing, Processing and Bulk Storage	Ray-Tek Printing Inc	377 McArthur Avenue	25 metres west	Commercial Printing Industries
37	Operation of Dry Cleaning Equipment (where chemicals are used)	Dutch Girl Cleaners	425 McArthur Avenue	210 metres east	Laundries and Cleaners
31	Ink Manufacturing, Processing and Bulk Storage	JHL Impressive Printing	358 McArthur Avenue	155 metres southwest	Commercial Printing Industries
31	Ink Manufacturing, Processing and Bulk Storage	Centre Franco Ontarien	435 Donald Street	220 metres south	Commercial Printing Industries
31	Ink Manufacturing, Processing and Bulk Storage	CR Printing	411 McArthur Avenue	70 metres east	Commercial Printing Industries

A copy of the information provided by the City of Ottawa is provided in Appendix H.

3.3.3 Mapping of Federally owned Contaminated Sites

A Government of Canada, Treasury Board of Canada Secretariat, interactive map of contaminated sites was reviewed. The database did not identify any federally owned contaminated sites within the study area.

3.3.4 Ontario Inventory of PCB Storage Sites

The Waste Management Branch of the Ontario Ministry of the Environment, Conservation and Parks published an Ontario Inventory of PCB Storage Sites in October 1991 (MOE, 1991). The database did not identify any addresses within the study area as having PCB storage on site.

3.4 Physical Setting Sources

3.4.1 Aerial Photographs

Aerial photographs were obtained at regular intervals and were selected based on suitable scales for analysis and coverage area. The earliest aerial photograph obtained was from 1928. Observations made with respect to the selected aerial photographs are discussed below, in Table 3.4.

Table 3.4: Summary of Aerial Photograph Review

Plate Number	Date	Photograph Number	Observations
H1	1928	A20-3	<ul style="list-style-type: none"> The subject property is developed with what looks like two structures. What is currently known as McArthur Avenue is present south of the subject property; and, Rural residential development is present in areas surrounding the subject property.
H2	1945	A9608-51	<ul style="list-style-type: none"> No significant changes from the 1945 aerial photograph.
Not Plated	1965	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> Significant development has occurred in the study area including the properties adjacent north and west of the subject property.
H3	1978	A24854-75	<ul style="list-style-type: none"> Additional development has occurred in the study area including the properties adjacent east of the subject property.
Not Plated	1991	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> No significant changes from the 1978 Aerial Photograph.
Not Plated	2002	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> The two structures previously present on-site are no longer visible; however, the slab on grade from one of the structures can still be identified.
Not Plated	2005	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> The southern part of the subject property appears as though it is being used for vehicle parking.
Not Plated	2017	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> The whole subject property appears as though it is being used as parking spaces.

Plate Number	Date	Photograph Number	Observations
Not Plated	2019	Publicly Available from GeoOttawa	<ul style="list-style-type: none"> The whole subject property appears to have been barricaded off and may no longer serve as parking spaces. The only entrance is off McArthur Avenue.
Not Plated	2021	Publicly Available from Google Earth	<ul style="list-style-type: none"> No changes to the subject property as it remains barricaded, empty of cars, suggesting it has not been used for parking since prior to 2019.

Selected aerial photographs were examined as part of this Phase One ESA to augment publicly available aerial photographs as indicated in Table 3.4. Copies of the aerial photographs reviewed are provided in Appendix I.

Based on the review of selected historical aerial photographs, the subject property was developed sometime before 1928; a structure is visible on the subject property in the first available aerial photograph from 1928. Land use in the study area prior to 1928 was primarily agricultural followed by residential, and commercial.

3.4.2 Surficial and Bedrock Geology

Surficial and bedrock geology maps of the Ottawa area indicate that the overburden in the vicinity of the subject property generally consists of clay and silt underlying erosional terraces with a thickness between 2 and 5 metres (ESRI, 2016).

Bedrock beneath the subject property is mapped as dark brown to black shale, with laminations of calcareous siltstone of the Billings Formation (ESRI, 2016).

3.4.3 Topography, and Hydrogeology

Topographic mapping available through the Ontario Basic Mapping (OBM, 2012) and the Ministry of Natural Resources (MNR, 2014), were reviewed to determine topographic features in the of the subject property and study area.

The subject property is approximately 60 m above sea level, and topography at the subject property and surrounding topography slopes downward, slightly west. The Rideau River is situated approximately 1.5 km west of the subject property, and the Ottawa River is situated approximately 3.2 km north of the subject property.

Shallow groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography of the area, it is expected that the local shallow groundwater flow is westwards towards the Rideau River, located approximately 1.5 kilometers west of the subject property. It should be noted that local groundwater flow may be

influenced by underground utilities (i.e. service trenches) and building structures making the groundwater flow direction uncertain.

3.4.4 Water Bodies and Areas of Natural Significance

No provincially significant wetlands (PSWs) or areas of natural and scientific interest (ANSIs) were identified on the subject property or within the study area.

3.4.5 Fill Materials

No fill material was observed on the subject property during the original 2019 site reconnaissance, nor the 2022 updated site reconnaissance. Although fill material is anticipated beneath the asphalt parking surface.

3.4.6 Well Records

A copy of the MECP Well Records for a 350-metre radius from the centre of the subject property is provided in Appendix J. Six wells were identified within this search radius. The locations of the adjacent water wells, based on the UTM coordinates provided in the water well records, have been plotted on Figure 4 in Appendix A. The depth to the water table based on the static water levels available from the MECP well records was variable ranging from overflow to 10.9 metres below ground surface.

The MECP well records indicate that the stratigraphy of the overburden in the area is generally till and/or loam over bedrock. Slate or shale bedrock was encountered at an average depth of 3.4 metres below ground surface.

The 2022 update identified two new wells within the initial 350-metre radius from the centre of the subject property. One at 129 Ringwood Avenue showing a stratigraphy of clay followed by sand. The second entry is for a well developed on the subject property with limited details. Of note, there are no records for two of the three wells observed during the 2022 site reconnaissance.

3.4.7 Site Operating Records

Operating records were not available for the subject property.

4.0 INTERVIEW

An interview was carried out via email with Mr. Miles Yang, owner of 393 McArthur Avenue on August 1, 2019. Mr. Yang was identified as an interview candidate because he owns the property. The following relevant information concerning potentially contaminating activities and areas of potential environmental concern were noted:

- Regarding historical structures present on the subject property between 1928 and 1999: Mr. Yang was informed in writing by the realtor, that the property previously contained two

semi-detached houses. The two roll numbers were 061490020104700, 061490020104600. The street numbers were 393 and 395 McArthur Avenue.

- Mr. Yang did not have any information regarding the demolition of the previous structures. He mentioned that the last structure seems to have been demolished between 1991-1999.
- According to Mr. Yang's conversation with the next door business owner, he understands that the truck on the subject property has been there since October 2018. Mr. Yang is planning to have it towed if he cannot identify the owner.
- Mr. Yang is unaware of any ASTs or USTs currently or historically present on the subject property. He indicated that any previous structures were removed prior to his ownership.
- Mr. Yang believes that the street is serviced with municipal water and sewer systems, he is not aware of any septic systems and/or water wells in the area.
- Mr. Yang is unaware of any spills that occurred on the subject property or adjacent properties.
- Mr. Yang is not aware of any usage of salt for de-icing the parking lot during the winter months; however, he did confirm that the subject property had been rented out as employee parking for a nearby auto dealer.
- Mr. Yang is unaware of any importation of any kind of fill materials during site development.
- Mr. Yang is unaware of any gas stations or garages that have existed previously on the subject property, or study area.
- Mr. Yang is unaware of any potentially environmentally harming practice or procedure.

To confirm the above information remains unchanged, Mr. Yang was contacted in 2022 via email. The information provided confirms that the subject property remains vacant in the same state as 2019.

4.1 Assessment and Evaluation of Interview

Ms. Yang commented on the use of the subject property historically and currently to the best of his knowledge. The information obtained in the interview is consistent with historical records, and other information sources in that the subject property has been used for residential tenants prior to the demolition of the structures and use of the subject property as a commercial parking lot.

Two PCAs were identified through the site interview: (i) Use of salt during winter maintenance on the commercial parking lot; and, (ii) Potential fill material of unknown origin from the demolition of buildings on the subject property.

5.0 SITE RECONNAISSANCE

5.1 General Site Conditions

On July 31, 2019, from 2:30 pm to 3:30 pm, GEMTEC visited the subject property and conducted the site reconnaissance. The study area was assessed in a systematic manner by walking the project extents and recording visual and olfactory observations. The weather at the time of the site reconnaissance was sunny and the air temperature was approximately 27°C.

On May 18, 2022, from 2:45 pm to 3:20 pm, GEMTEC re-visited the subject property to conduct an updated site reconnaissance to identify any changes to the subject property since the writing of the original Phase One ESA in 2019. The study area was re-assessed in the same manner as 2019. The weather at the time of the 2022 site reconnaissance was sunny with clear sky and the air temperature was approximately 19°C.

5.1.1 Site Photographs

Photographs of the subject property were taken during the course of both the site reconnaissance visits to document the general condition of the subject property and any APECs. The relevant photographs are presented in Appendix K. A discussion of the photographs is summarized in Table 5.1. Photos from the 2019 site reconnaissance are numbered J1 through J8 and the photos from the 2022 site reconnaissance are numbered J9 through J14.

Table 5.1: Summary of Site Photographs

Plate Number	Compass Orientation	Description
J1	Northwest	View of subject property; vegetation, concrete pad, concrete blocks.
J2	South	View of subject property, looking towards McArthur Avenue.
J3	North	Concrete pad, identified on the subject property.
J4	North	Pick-up truck, parked on east side of subject property. Stained soil caused by truck leaking.
J5	North	Metal sticking up from ground. Cut off.
J6	North	Adjacent dry-cleaning business. Potentially contaminating business within the study area. McArthur Tailor and Dry Cleaning, 387 McArthur Avenue.
J7	East	Potentially contaminating business within the study area. American Graffiti Automotive, 416 McArthur Avenue. Drum and monitoring well in front of business.
J8	Downward	Sewer grates, above ground hydro lines and transformer, natural gas meter, water mains, fire hydrants, and sewer caps all located within the study area.

Plate Number	Compass Orientation	Description
J9	North	Abandoned metal shopping cart, north end of the subject property.
J10	Downward	A flush-mount monitoring well.
J11	Northeast	Example of vegetation coverage on the subject property, vegetation not stressed.
J12	Downward	Example of the non-vegetated coverage on the subject property, mostly cobble, some pavement/asphalt and bare soil.
J13	Southeast	Stick up well casing observed in the southeast corner of the subject property. Two empty drums located on the east side of the subject property.
J14	South	Stick up well casing observed on the west side of the subject property. One empty drum observed on the west side of the subject property.

At the time of the site reconnaissance, the subject property was vacant, and appeared as though it had been previously developed. The surrounding area consisted of residential properties, commercial properties and community roadways.

The 2022 site reconnaissance found little changes to the subject property since the 2019 site reconnaissance. The subject property remains vacant, blocked off by cinderblocks, and no longer used for public or commercial parking. The surrounding land use remains the same as noted above. An intrusive investigation of soil and groundwater is evident, with at least three boreholes developed as monitoring wells on the subject property.

5.2 Specific Observations at Phase One Property

5.2.1 Onsite Structures

No structures were observed on the subject property at the time of the 2019 and 2022 site reconnaissance.

5.2.2 Observations

The following observations were made for property at 393 McArthur Avenue:

- The subject property appeared to have been used mainly as a parking area, and there was a large metal barricade blocking the entrance;
- One truck was present on the subject property in 2019 and appeared to be leaking with a hydrocarbon odour was identified;
- The ground cover at the subject property was generally grass, pavement, and/or gravel;
- No water wells or septic systems were identified during the site reconnaissance;

- Identification of potential fill material was noted in areas where structures were previously present on the subject property; and,
- No stressed vegetation, former rail lines, stained soils or vegetation was identified on the subject property.

In addition to the observations above, the following observations were made during the 2022 site reconnaissance:

- Intrusive investigations have are evident on the subject property in the form of at least three monitoring wells; two stick-up and one flush mount observed across the subject property from east to west.
- The north side of the subject property was filled with assorted litter and garbage, including numerous metal objects, the largest of which was an abandoned shopping cart.
- The truck identified as a PCA and as an APEC in the 2019 site reconnaissance was no longer on-site during the 2022 site reconnaissance.

5.2.3 Site Services

The subject property is fully serviced with overhead hydro, municipal water, natural gas, and sanitary and storm sewer.

5.2.4 Unidentified Substances

A white pick-up truck was located on the east side of the subject property, staining was identified on the asphalt below the truck and a hydrocarbon odour was identified.

The white truck was not observed on the subject property during the 2022 site reconnaissance. Further, no staining or hydrocarbon odours were observed in 2022.

5.2.5 Odours

As indicated above, a white pick-up truck located on the east side of the subject property was identified as a potential source of hydrocarbon odours during the site reconnaissance .

No odours were observed during the 2022 site reconnaissance.

5.3 Specific Observations within the Study Area

5.3.1 Surrounding Properties

Adjacent properties were viewed from the subject property and publicly accessible boundaries to assess the potential for uses to adversely affect the subject property. The following adjacent properties were observed in 2019 and 2022:

- A dry cleaning business was identified adjacent west to the subject property;
- Residential homes are located to the east of the subject property, and apartment buildings are located to the north;
- A school is located to the north west of the subject property;

- Commercial businesses were identified to the east, west and south, concentrated along McArthur Avenue; and,
- An automotive repair shop was located on the southeast corner of McArthur Avenue and Moorvale Street.

5.3.2 Water, Wastewater and Storm Water

Buildings in the study area are fully serviced with hydro, water, sanitary and storm sewers. Sewers were also observed in the streets adjacent to the subject property.

5.3.3 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed at the time of the 2019 and 2022 site reconnaissance.

5.3.4 Stained Materials and Stressed Vegetation

No stained materials and stressed vegetation were observed at the time of the 2019 and 2022 site reconnaissance.

5.3.5 Watercourses, Ditches or Standing Water

No watercourses, ditches or standing water was identified at the time of the 2019 and 2022 site reconnaissance.

5.4 Hazardous Materials

5.4.1 Lead

Under the federal Hazardous Products Act, the lead content in interior paint was limited to 0.5% by weight in 1976. After 1980, lead was not used in interior paints; however, exterior paints may have still contained lead. All consumer paints produced and imported into Canada were virtually lead-free as of 1992.

No lead based paints were identified, at the time of the 2019 and 2022 site reconnaissance.

5.4.2 Mercury

Mercury is commonly found in thermostats and electrical switches, as well as mercury vapour-containing fluorescent light bulbs.

No fluorescent light bulbs or mercury containing thermostats were observed, at the time of the 2019 and 2022 site reconnaissance.

5.4.3 Storage Tanks

No storage tanks were observed on the subject property during the 2019 and 2022 site reconnaissance.

5.4.4 Polychlorinated Biphenyl (PCBs)

From the 1930s to the 1970s, PCBs were used to make coolants and lubricants for certain kinds of electrical equipment, including transformers and capacitors, and were widely used in a number of industrial materials including sealing and caulking compounds, inks, and paint additives. PCBs are an environmental concern as they do not readily degrade and have been identified to bio-accumulate. In Canada, the Federal Environmental Contaminants Act (1976) prohibited the use of PCBs in heat transfer and electrical equipment installed after September 1, 1977, and in transformers and capacitors installed after July 1, 1980. In addition, the storage and disposal of PCB waste materials is regulated.

No transformers were identified on the subject property at the time of site reconnaissance. Pole mounted transformers were identified in the study area where aboveground electricity was identified. The transformers appeared to be in good condition with no evidence of leaking.

No changes to the state and condition of the pole mounted transformers identified around subject property during the 2022 site reconnaissance.

5.4.5 Asbestos Containing Materials (ACM)

Asbestos has been used in many products in buildings and continues to be used in some building products today. Two categories of asbestos were used in building construction (i) non-friable asbestos-containing materials (ACMs), and (ii) friable ACMs. Products that contain non-friable (hard or non-crumbly) asbestos include floor tiles, cement sheeting and pipes, motor vehicle brakes, and roofing materials. The use of these products has declined significantly since the 1970s; however, these products are still legal and are still used in Canada today. Friable asbestos materials can be crumbled, pulverized, or reduced to powder by hand pressure. Due to the softer nature of these products, the fibres can more readily be released to the air where they can be inhaled. Most friable products were withdrawn from the Canadian market in the 1970s, and production of friable products ceased, and they were commercially unavailable by 1982. However, it was not until 1985 that provincial regulatory bodies enforced a complete ban on friable asbestos products. Common friable products included sprayed fireproofing, sprayed acoustic or decorative finishes, and thermal insulation on piping or mechanical systems.

No ACMs were observed, at the time of the 2019 and 2022 site reconnaissance.

5.4.6 Urea Formaldehyde Foam Insulation (UFFI)

UFFI became an insulation product for existing houses in Canada in the 1970s. However, it was banned in Canada in 1980 under the Hazardous Products Act. UFFI can begin to deteriorate if exposed to water and moisture, and its degradation can also result in formaldehyde gas emissions.

No UFFI was observed, at the time of the 2019 and 2022 site reconnaissance.

5.4.7 Solid Waste Disposal Practices

No garbage dumpsters were identified on subject property at the time of site reconnaissance. Municipal waste services are available for residences in the study area.

5.4.8 Ozone Depleting Substances

In 1998, the Federal government filed the Ozone-Depleting Substances Regulations. The Regulations reflect Canada's commitment to meet its requirements under the Montreal Protocol on Substances that Deplete the Ozone Layer (Montreal Protocol). The Montreal Protocol is an international agreement signed by over 180 countries to control the production and exchange of certain ozone-depleting substances. The Regulations are intended to further reduce emissions of ozone-depleting substances. The Regulations were amended in 2001, 2002, and 2004.

No ozone depleting substances were identified during the 2019 and 2022 site reconnaissance.

5.4.9 Radon Gas

Radon is a colourless, tasteless radioactive gas with a very short half-life of 3.8 days. The health risk potential of radon is associated with its rate of accumulation within confined areas, particularly confined areas near or in the ground, such as basements, where vapours can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure.

Based on GEMTECs review of the map entitled 'Radon Potential Map Ontario', the subject property is within a guarded potential radon hazard area (REMC, 2011).

Actual radon concentrations can only be determined using Long-term Measurement techniques, as described within Health Canada's 'Guide for Radon Measurements in Public Buildings' document (Health Canada, 2016).

5.5 Enhanced Investigation Property

The Phase One ESA property is not an enhanced investigation property as defined by Ontario Regulation 153/04, as amended.

5.6 Site Reconnaissance Limitations

No limitations were identified during the 2019 and 2022 site reconnaissance.

5.7 Written Description of Investigation

Two potentially contaminating activities were identified on the subject property during the 2019 site reconnaissance.

- A white pick-up truck was located on the east side of the property, staining was identified on the asphalt below the truck and a hydrocarbon odour was identified; and,
- Indications of historical structures on the subject property indicate that it is likely fill material or other deleterious material is present on the subject property.

The following potentially contaminating activities were identified in the study area during the 2019 and 2022 site reconnaissance:

- American Graffiti Automotive, 416 McArthur Avenue; and,
- McArthur Tailor and Dry Cleaning, 387 McArthur Avenue

One potentially contaminating activity was identified on the subject property during the 2022 site reconnaissance.

- Metal debris and garbage present on the subject property for an unknown period, including a shopping cart, three metal drums with minor rust visible, and various small metal debris.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

Current and past uses of the subject property are documented in Table 6.1.

Table 6.1: Summary of Current and Past Uses

Year	Name of Owner	Description of Property Use	Property Use	Observations
1877 to 1928	John Munro and others	Unknown (likely Residential/ Agricultural)	Unknown (likely Residential/ Agricultural)	No aerial photographs prior to 1928; however, structures were visible on the subject property in the 1928 aerial photograph.
1928 to 1965	William and Martha Seick and others	Unknown (likely Residential/ Agricultural)	Unknown (likely Residential/ Agricultural)	Aerial photographs from 1945, and 1965 indicate that two of the structures previously on the subject property have been removed.
1965 to 2002	Gerald Crabtree and others	Unknown (likely Residential/ Agricultural)	Unknown (likely Residential/ Agricultural)	Aerial photographs from 1978, 1991, and 2002 indicated that the two remaining on-site structures were demolished between 1991 and 2002.
2002 to 2019	Carolyn Nguyen, Aleander Tran and others	Commercial	Commercial	Aerial photographs from 2002 and 2017 did not identify any major changes to the subject property.
2019	Elite Homes Management Inc.	Parking Lot	Commercial	Based on the site reconnaissance, the subject property was used as a parking lot.

Year	Name of Owner	Description of Property Use	Property Use	Observations
2022	Elite Homes Management Inc. (current owner)	Parking Lot	Commercial	Based on the site reconnaissance, the subject property is a vacant parking lot with concrete barriers preventing access.

6.2 Potentially Contaminating Activities

During the Phase One ESA and 2022 update, 26 PCAs were identified to be present within the study area, summarized in Table 6.2 and shown on Figure 2 within Appendix A.

Table 6.2: Potentially Contaminating Activities

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
48. Manufacturing, Processing and Storage	Salt Bulk Use of salts for a parking lot is typically de-icing activity for the winter.	393 McArthur Avenue	On the subject property	Site Reconnaissance, Interview	Yes	Based on the use of salt as a de-icing agent on the subject property.
Other - Spill	A white pick-up truck was located on the east side of the property, staining was identified below the truck and a hydrocarbon odour was identified.	393 McArthur Avenue	On the subject property	Site Reconnaissance	Yes	Based on the presence of hydrocarbon staining and odour on the subject property.
Other – Debris on Site	Metal debris was identified on the subject property, an abandoned shopping cart, three drums, and small metal debris found on the subject property. Length of presence on subject property is unknown.	393 McArthur Avenue	On the subject property	Site Reconnaissance	No	Based on the small volume of metal and short length of time left on the subject property.
30. Importation of Fill Material of Unknown Quality	Fill of unknown quantity is expected on the subject property due to the potential of fill material during construction of the parking lot, and due to the demolition of building historically on the subject property.	393 McArthur Avenue	On the subject property	Site Reconnaissance, Aerial Photographs	Yes	Based on the likelihood of fill of unknown origin being present on the subject property.
37 - Operation of Dry Cleaning Equipment (where chemicals are used)	Listed as McArthur Tailor and Dry Cleaning, a men's and boys' cut and sew suit, coat and overcoat manufacturing, dry cleaning and laundry service.	387 McArthur Avenue	Adjacent west	ERIS, Site Reconnaissance, HLUI, City Directory	Yes	Based on the presence of a dry-cleaning business at an adjacent property to subject property.
58 - Waste Disposal and Management, including thermal	Ottawa Carelton District School Board listed as producing paint/pigment/ coating residues from	373 McArthur Avenue	Adjacent northwest	ERIS	No	Based on anticipated groundwater flow direction, and

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	2009 to 2016, and as of Dec 2018 and March 2019.					anticipated minimal quantity of wastes produced
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Richmond Technical Services - McArthur Medical Centre listed as producing photoprocessing wastes from 1986 to 1990, and 1992 to 2004, and pathological wastes from 2014 to as of Mar 2019.	390 McArthur Avenue	20 metres south	ERIS, City Directory	No	Based on anticipated groundwater flow direction, and anticipated minimal quantity of wastes produced
31 - Ink Manufacturing, Processing and Bulk Storage	Ray-Tek Printing Inc. listed as digital printing, other printing and business service centers in 1993.	377 McArthur Avenue	25 metres west	ERIS, HLUI	No	Based on anticipated groundwater flow direction
Other - Spill	City of Ottawa reported a 40 litre douse water spill occurred in 2014 due to vehicle fire.	400 McArthur Avenue	45 metres southeast	ERIS	No	Based on anticipated groundwater flow direction.
31 - Ink Manufacturing, Processing and Bulk Storage	CR Printing listed as quick printing, digital printing, and other printing in 1994.	411 McArthur Avenue	70 metres east	ERIS, HLUI	No	PCB wastes registered for only one year and situated down gradient based on anticipated groundwater flow direction.
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste,	Conseil des Ecoles Catholiques de Langue listed as producing PCBs from 1993 to 2001.	780 Church Street	70 metres northeast	ERIS	No	Based on anticipated groundwater flow direction, and anticipated minimal quantity

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
other than use of biosoils as soil conditioners						of wastes produced
Other - Spill	A natural gas release occurred in 2006.	362 McArthur Avenue	125 metres southwest	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
Other - Spill	Enbridge Gas Distribution Inc. reported an incident occurred in 2009 when a 1/2" pipeline was hit. A casual incident analysis was complete.	415 McArthur Avenue	140 metres east	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
28 - Gasoline and Associated Products Storage in Fixed Tanks	1067323 Ontario Ltd. owned a gasoline service station with at least five fuel storage tanks. Tanks included a 22,700 litre and a 25,500 litre liquid fuel single walled UST for gasoline, one 13,600 litre liquid fuel single walled UST for diesel, and one 13,600 litre liquid fuel single walled UST with undefined contents.	414 McArthur Avenue	145 metres southeast	ERIS, HLUI	No	Based on distance to subject property and anticipated groundwater flow direction
Other - Spill	A natural gas release occurred in 2007 due to a pipeline strike at a construction site.	358 McArthur Avenue	155 metres southwest	ERIS, HLUI	No	Based on distance to subject property and anticipated groundwater flow direction
Other - Spill	A natural gas release occurred in 2007 due to a pipeline leak. The file was referred back to the MOE as the leak had migrated off-site.	350 McArthur Avenue	180 metres southwest	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Fred Trotter Construction Ltd. was listed as producing paint/pigment/ coating residues from 2004 to 2016 and as od Dec 2018 to Mar 2019.	420 McArthur Avenue	180 metres southeast	ERIS, City Directory	No	Based on distance to subject property and anticipated groundwater flow direction
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	U A P Inc. listed as producing alkaline wastes, and emulsified oils from 1988 to 1990, and 1992 to 1998.	420 McArthur Avenue	180 metres southeast	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Ottawa Board of Education listed as producing inorganic laboratory chemicals, aliphatic solvents, petroleum distillates, light fuels, halogenated solvents, oils skimmings & sludges, waste oils & lubricants, and organic laboratory chemicals from 1986 to 1990, 1992 to 2016, and as od Dec 2018 to Mar 2019.	485 Donald Street	180 metres southeast	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
Other - Spill	Ottawa-Carleton District School Board reported an unknown volume of oily water spill occurred in 2005. Environmental impact was not anticipated soil contamination.	485 Donald Street	180 metres southeast	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Bytown Cat Hospital was listed as producing pharmaceutical wastes, pathological wastes, and photoprocessing wastes from 1992 to 2016, and ad of Dec 2018 to Mar 2019.	422 McArthur Avenue	200 metres southeast	ERIS, City Directory, Site Reconnaissance	No	Based on distance to subject property and anticipated groundwater flow direction
58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Greely Construction was listed as producing light fuel wastes in 2014.	McArthur Avenue at Irwin Miller Street	210 metres west	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
Other - Spill	N R Construction Co. Ltd. reported a 50 litre hydraulic oil spill occurred in 2015 due to equipment failure. Nature of impact was land.	15 Eastwood Place	240 metres west	ERIS	No	Based on distance to subject property and anticipated groundwater flow direction
52 - Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems	Transmission Depot & Eliseo Signorini Garage were kisted as Motor Vehicle Repair Shops & Motor Vehicles, Wholesale.	416 McArthur Avenue	165 metres southeast	HLUI, City Directory, Site Reconnaissance	No	Based on distance to subject property and anticipated groundwater flow direction
37 - Operation of Dry Cleaning Equipment (where chemicals are used)	Dutch Girl Cleaners were listed as Laundries and Cleaners	425 McArthur Avenue	210 metres east	HLUI	No	Based on distance to subject property

PCA Type	Description of PCA	Address of PCA	Location of PCA	Data Source	PCA Resulted in APEC (Yes/ No)	Rationale
31 - Ink Manufacturing, Processing and Bulk Storage	Centre Franco Ontarien was listed as commercial printing industry.	435 Donald Street	220 metres south	HLUI	No	Based on distance to subject property and anticipated groundwater flow direction

6.3 Areas of Potential Environmental Concern

The available information was reviewed in a comprehensive manner starting with available historical information, followed by the results of the site reconnaissance and finally the results of the interview. These three components were evaluated using our professional experience, judgment and available documentation including guidelines to determine potentially contaminating activities. Available historical records were cross-referenced with other records to verify their accuracy. The observations from the site reconnaissance and information provided through the interview validated the available historical records for the subject property, and vice versa. The potentially contaminating activities were then reassessed using our professional experience and judgment in order to identify the areas of potential environmental concern on the subject property. In combination, the factual review of available historical records and application of professional judgment have led to a thorough analysis that is sufficient for the purposes of the Phase One ESA.

GEMTEC has identified the following four activities at the subject property resulting from three on-site PCAs and one off-site PCAs with a potential to result in an APEC at the subject property. APECs identified are summarized in Table 6.3 below and illustrated on Figure 3 within Appendix A.

Table 6.3: Areas of Potential Environmental Concern

APEC #	PCA and Location	Location of APEC on Phase One Property	Contaminants of Potential Concern	Media Potentially Impacted
1	PCA # 37: Operation of Dry Cleaning Equipment at 387 McArthur Avenue	West boundary of subject property adjacent to structure at 387 McArthur Avenue	VOCs	Soil and Groundwater
2	PCA # 48: Use of Salt for de-icing purposes on the subject property	Across the subject property	EC SAR	Soil
3	PCA # 30: Importation of Fill Material of Unknown Quality on the subject property	Across the subject property, and two former buildings along east boundary	PAHs Metals & Inorganics	Soil
4	PCA # Other: Hydrocarbon spill from truck on the subject property	Along the eastern boundary midway through the subject property.	PHCs BTEX Metals	Soil and Groundwater

Notes: VOCs = Volatile Organic Compounds, EC = Electrical Conductivity, SAR = Sodium Adsorption Ratio, PAH = Polycyclic Aromatic Hydrocarbons, PHCs = Petroleum Hydrocarbons, BTEX = Benzene, Toluene, Ethylbenzene, Xylene.

A summary and description of the identified APECs and the contaminants of potential concern (CoPCs) are provided in the following sections:

6.3.1 APEC 1: Operation of Dry Cleaning Equipment at 387 McArthur Avenue

The ERIS report, city directory, and site reconnaissance identified 387 McArthur Avenue as a dry cleaner dating back to 1965. As detailed in the ERIS manufacturing directory: men's and boys' cut and sew suit, coat and overcoat manufacturing, and dry cleaning and laundry services. The CoPCs relating to dry cleaning chemicals are VOCs in soil and groundwater. This APEC is present along the western property boundary of 393 McArthur Avenue.

6.3.2 APEC 2: Use of Salt for de-icing purposes on the subject property

It was identified through the site interview, and aerial photographs that the subject property has been historically used as a commercial parking lot (parking on the subject property was identified in the 2005, and 2017 aerial photographs). As such, salt has likely been used at 393 McArthur Avenue as a de-icing agent. The associated CoPCs are EC, and SAR in soil. This APEC is present across the subject property.

6.3.3 APEC 3: Importation of Fill Material of Unknown Quality on the subject property

Fill material of unknown origin may have been brought to the subject property during the development of the subject property as a parking lot or during the development of the structures historically present on the subject property. Furthermore, since no records are available regarding the demolition of the historical buildings, deleterious building material may still be present on the subject property. The CoPCs associated with this APEC are metals & inorganics, and PAHs in soil. This APEC is present across the subject property – primarily in the areas where buildings were identified on the aerial photographs.

6.3.4 APEC 4: Hydrocarbon spill from truck on the subject property

A white pick-up truck was identified during the 2019 site reconnaissance. The truck was located on the east side of the subject property, with staining and a hydrocarbon odour identified on the asphalt below the truck. The associated CoPCs are PHCs, BTEX, and metals. This APEC is present along the eastern boundary midway through the subject property.

6.4 Phase One Conceptual Site Model

Based on the historical review and site reconnaissance, GEMTEC concludes that there is a potential for soil and groundwater contamination at the subject property. Information presented in this report that contributes to the development of the CSM is presented as applicable in Figures 2, 3, and 4, and summarized as follows.

- The Rideau River is situated approximately 1.5 km west of the subject property, which flows north towards the Ottawa River approximately 3.2 km north;

- Records indicated that eight wells were identified within the study area, with an additional two wells identified on the subject property that have no associated MECP well record;
- The surrounding properties are serviced by municipal water obtained from a surface water source (Ottawa River);
- Surrounding properties are a mix of residential, commercial, and community use;
- The subject property is currently vacant, and is proposed to be developed into residential;
- The subject property is not situated within a sensitive area (e.g. ANSI) or within 30 m of a waterbody;
- The subject property is 60 m above sea level (asl), and topography at the subject property and surrounding topography slopes downward, slightly west;
- Geology mapping suggests that the subject property consists of dark brown to black shale, with laminations of calcareous siltstone underlying clay and silt underlying erosional terraces; and,
- Based on the review of records, interviews and the site reconnaissance completed as part of the Phase One ESA, GEMTEC identified several PCAs for the study area. Based on this, four APECS were identified for the subject property. These PCAs (with a PCA code identified within Table 2 of Schedule D in O.Reg. 153/04) include:
 - 37: Operation of Dry Cleaning Equipment at 387 McArthur Avenue;
 - 30: Importation of Fill Material of Unknown Quality on the subject property;
 - Other: Hydrocarbon spill from truck on the subject property;

Information considered for the development of this CSM was gathered from numerous sources (i.e. aerial photographs, city directories, environmental database searches, physical setting sources, interviews and a site reconnaissance), which reduces the potential for not identifying a former property use or PCA.

6.4.1 Underground Utilities

There is potential for underground utilities to affect contaminant transport on or to the subject property, if contaminants are present. The subject property is fully serviced with natural gas, hydro, water, and municipal sewer.

6.4.2 Surficial and Bedrock Geology, Topography, and Hydrogeology

Surficial and bedrock geology maps of the Ottawa area indicate that the overburden in the vicinity of the subject property generally consists of clay and silt underlying erosional terraces with a thickness between 2 and 5 metres (ESRI, 2016).

Bedrock beneath the subject property is mapped as dark brown to black shale, with laminations of calcareous siltstone of the Billings Formation (ESRI, 2016).

Topographic mapping available through the Ontario Basic Mapping (OBM, 2012) and the Ministry of Natural Resources (MNR, 2014), were reviewed to determine topographic features in the of the subject property and study area.

The subject property is approximately 60 m above sea level, and topography at the subject property and surrounding topography slopes downward, slightly west. The Rideau River is situated approximately 1.5 km west of the subject property, and the Ottawa River is situated approximately 3.2 km north of the subject property.

Shallow groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography of the area, it is expected that the local shallow groundwater flow is westwards towards the Rideau River, located approximately 1.5 kilometers west of the subject property. It should be noted that local groundwater flow may be influenced by underground utilities (i.e. service trenches) and building structures making the groundwater flow direction uncertain.

6.4.3 Discussion of Uncertainty

There is uncertainty with the Phase One Conceptual Site Model associated with using well record data, topographic and geology maps from external sources. Information based on these sources may have changed since publishing due to construction, seasonal variations, or other factors.

7.0 CONCLUSIONS AND RECOMMENDATIONS

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by Novatech Engineering Consultants to carry out a Phase One Environmental Site Assessment (ESA) for the subject property located at 393 McArthur Avenue in Ottawa, Ontario.

The available information was reviewed in a comprehensive manner starting with available historical information, followed by the results of the site reconnaissance and interviews. These three components were evaluated using our professional experience, judgment and available documentation including guidelines to determine potentially contaminating activities. Using site-specific geological and hydrogeological information, we determined the likelihood of contamination on the subject property due to the potentially contaminating activities in order to establish areas of potential environmental concern. The identification of areas of potential environmental concern was guided by our professional experience and judgment. This analysis constitutes a comprehensive review of the available information and factual data that is sufficient for the purposes of the Phase One ESA.

The following APECs were determined through the Phase One ESA to exist for the subject property:

7.1.1 APEC 1: Operation of Dry Cleaning Equipment at 387 McArthur Avenue

The ERIS report, city directory, and site reconnaissance identified 387 McArthur Avenue as a dry cleaner. As detailed in the ERIS manufacturing directory: men's and boys' cut and sew suit, coat and overcoat manufacturing, and dry cleaning and laundry services.

7.1.2 APEC 2: Use of Salt for de-icing purposes on the subject property

It was identified through the site interview, and aerial photographs that the subject property has been historically used as a commercial parking lot. As such, salt has likely been used at 393 McArthur Avenue as a de-icing agent.

7.1.3 APEC 3: Importation of Fill Material of Unknown Quality on the subject property

Fill material of unknown origin may have been brought to the subject property during the development of the subject property as a parking lot or during the development of the structures historically present on the subject property. Furthermore, since no records are available regarding the demolition of the historical buildings, deleterious building material may still be present on the subject property.

7.1.4 APEC 4: Hydrocarbon spill from truck on the subject property

A white pick-up truck was identified during the site reconnaissance. The truck was located on the east side of the subject property, staining and a hydrocarbon odour was identified on the asphalt below the truck.

7.2 Conclusions

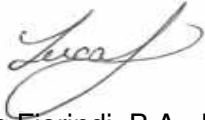
Based on GEMTEC's review of historical information pertaining to the subject property and adjacent properties, historical spills, potential importation of fill, waste generators located in close proximity to the subject property and an adjacent dry cleaning service have been identified as PCAs, resulting in the identification of four APECs on the subject property.

7.3 Recommendations

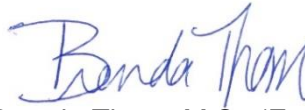
Based on the information summarized above, it is our opinion that a Phase Two Environmental Site Assessment is required to investigate potential soil and groundwater impacts on the subject property from the APECs identified.

The Phase One Environmental Site Assessment has been carried out by the qualified personnel and reviewed by the undersigned. This Phase One ESA was carried out in accordance with Ontario Regulation 153/04, as amended, made under the Environmental Protection Act. and meets the requirements of Part VII (Sections 23 to 31) and Schedule D of the regulation.

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.



Luca Fiorindi, B.A., Dip.
Jr. Environmental Technologist



Brenda Thom, M.Sc.(Eng.), P.Eng., QP_{ESA}
Senior Environmental Engineer

LF/BT

8.0 LIMITATIONS OF LIABILITY

The Phase One Environmental Site Assessment has been supervised and reviewed by a qualified person. This Phase One ESA was carried out in general with Ontario Regulation 153/04 made under the Environmental Protection Act and meets the requirements of Part VII (Sections 23 to 31) and Schedule D of the regulation.

The results of this Phase One ESA should in no way be construed as a warranty that the subject property is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of Novatech Engineering Consultants and Mr. Miles Yang and is based on data and information collected during the Phase One ESA of the property conducted by Gemtec Consulting Engineers and Scientists Limited. This report may not be relied upon by any other person or entity without the express written consent of Gemtec Consulting Engineers and Scientists Limited and Novatech Engineering Consultants and Mr. Miles Yang. In evaluating this subject property, Gemtec Consulting Engineers and Scientists Limited has relied on good faith regarding information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others.

The assessment of environmental conditions and possible site hazards presented has been made using the available historical and technical data collected and provided by others. The conclusions provided herein represent the best judgment of Gemtec Consulting Engineers and Scientists Limited based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities.

The scope of the Phase One ESA is sufficient to identify existing and/or potential environmental liabilities that are obvious from visual examination of surface features and from available sources of information. This level of work is a method of risk reduction, not risk elimination. No building materials, water, liquid, gas, products or chemical sampling and/or testing on or in the vicinity of the subject property was carried out as part of this assessment. The Phase One ESA does not include a program of intrusive observation/testing. These activities would be carried out as part of a Phase Two ESA. This environmental assessment included only a cursory overview of the neighbouring land uses from public right of ways and from the subject property and does not constitute a complete assessment of the adjacent sites.

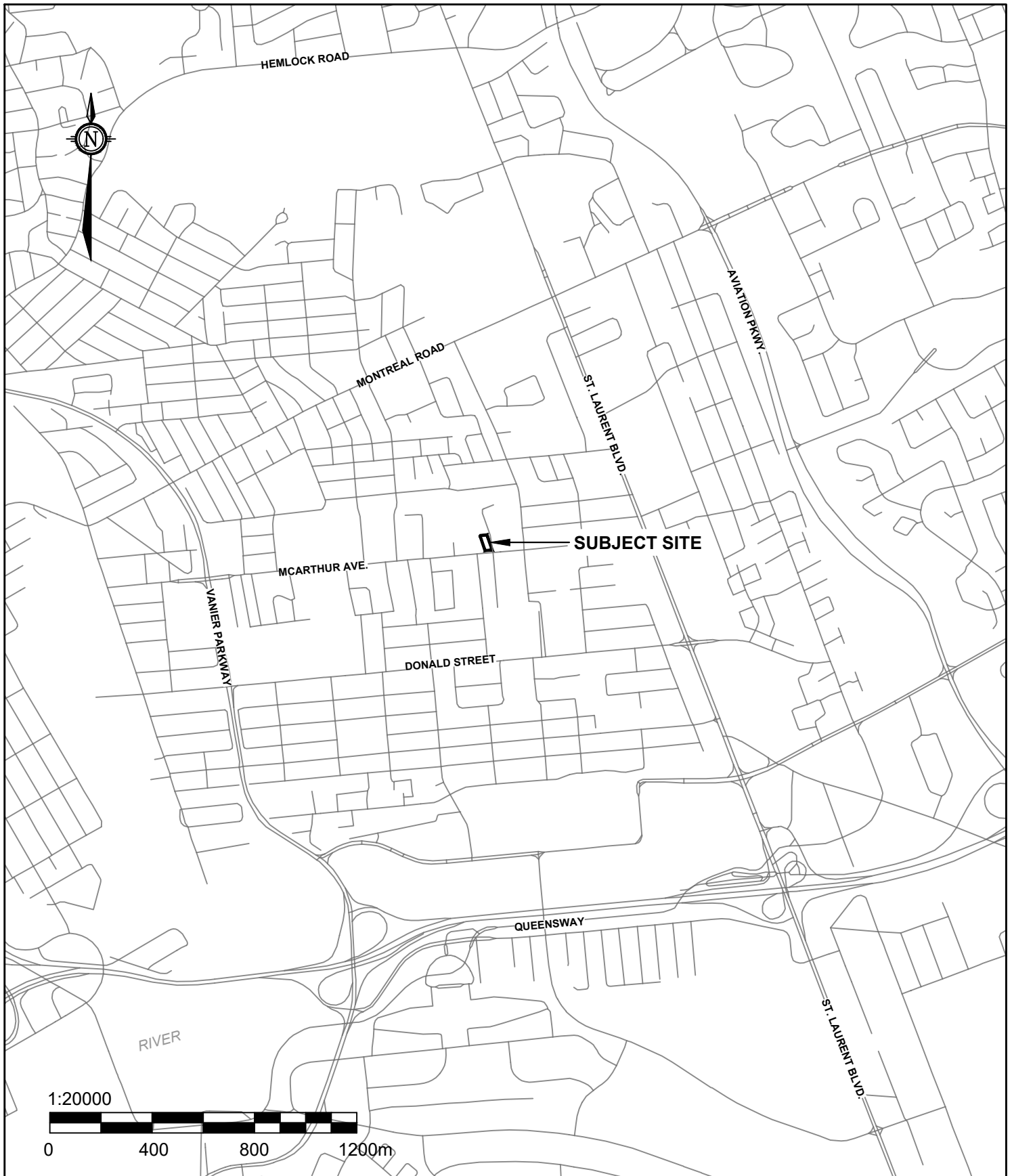
9.0 REFERENCES


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APPENDIX A

Figures



 GEMTEC CONSULTING ENGINEERS AND SCIENTISTS <small>32 Steacie Drive, Ottawa, ON K2K 2A9 T: (613) 836-1422 www.gemtec.ca ottawa@gemtec.ca</small>	Project PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 393 MCARTHUR AVENUE OTTAWA, ONTARIO			Drawing KEY PLAN		
	Drwn By P.C./S.L.	Chkd By L.F.	Date MAY 2022	Project No. 64819.22	Revision No. 1	FIGURE 1



LEGEND

- SUBJECT SITE
- 250 METRE BUFFER SHOWING EXTENT OF STUDY AREA

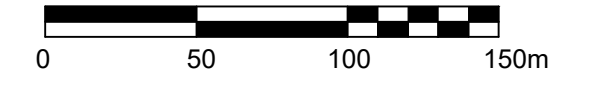
POTENTIALLY CONTAMINATING ACTIVITIES (PCA)

- 28** GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
- 30** IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
- 31** INK MANUFACTURING, PROCESSING AND BULK STORAGE
- 37** OPERATION OF DRY CLEANING EQUIPMENT
- 48** SALT MANUFACTURING, PROCESSING AND BULK STORAGE
- 52** STORAGE, MAINTENANCE, FUELLING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS
- 58** WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS

OTHER PCAs:

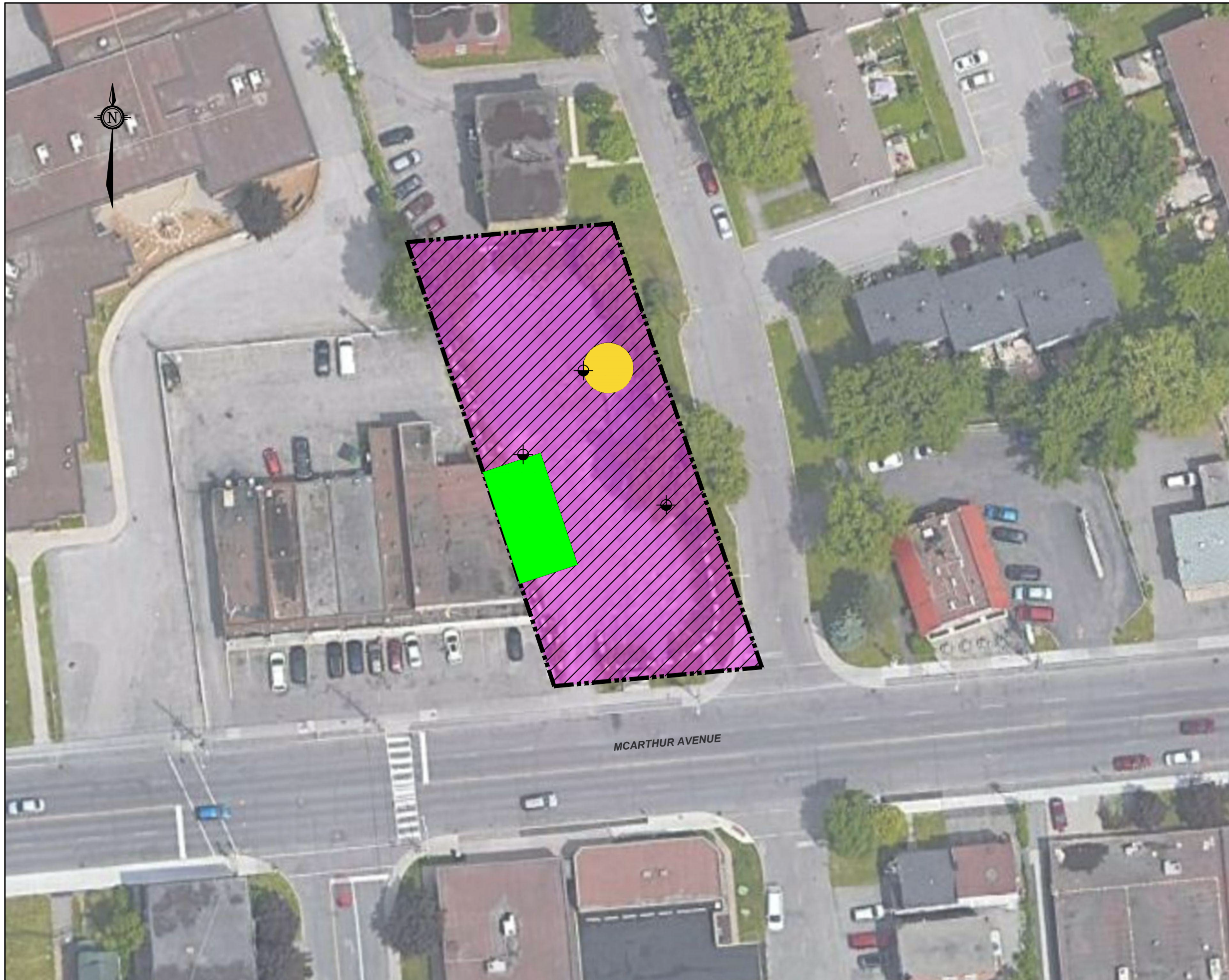
- A** SPILL
- B** DEBRIS

Scale 1:2500





32 Steacie Drive
Ottawa, ON K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca





Drawing		STUDY AREA PLAN	
Client		NOVATECH	
Project	64819.22	PHASE ONE ESA 393 ARTHUR AVENUE OTTAWA, ONTARIO	
Drwn by	P.C./S.L.		
Chkd by	L.F.		
Date	MAY 2022	Rev.	1
			FIGURE 2

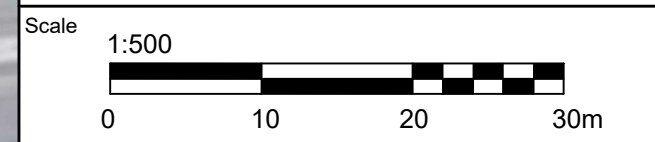


LEGEND

-  SUBJECT SITE
-  250 METRE BUFFER SHOWING EXTENT OF STUDY AREA

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

-  **APEC 1**
OPERATION OF DRY CLEANING EQUIPMENT AT ADJACENT PROPERTY
-  **APEC 2**
USE OF SALT FOR DE-ICING PURPOSES
-  **APEC 3**
IMPORTATION OF FILL OF UNKNOWN QUALITY
-  **APEC 4**
APPROXIMATE LOCATION OF WHITE TRUCK WITH STAINING AND HYDROCARBON ODOURS




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CONSULTING ENGINEERS AND SCIENTISTS

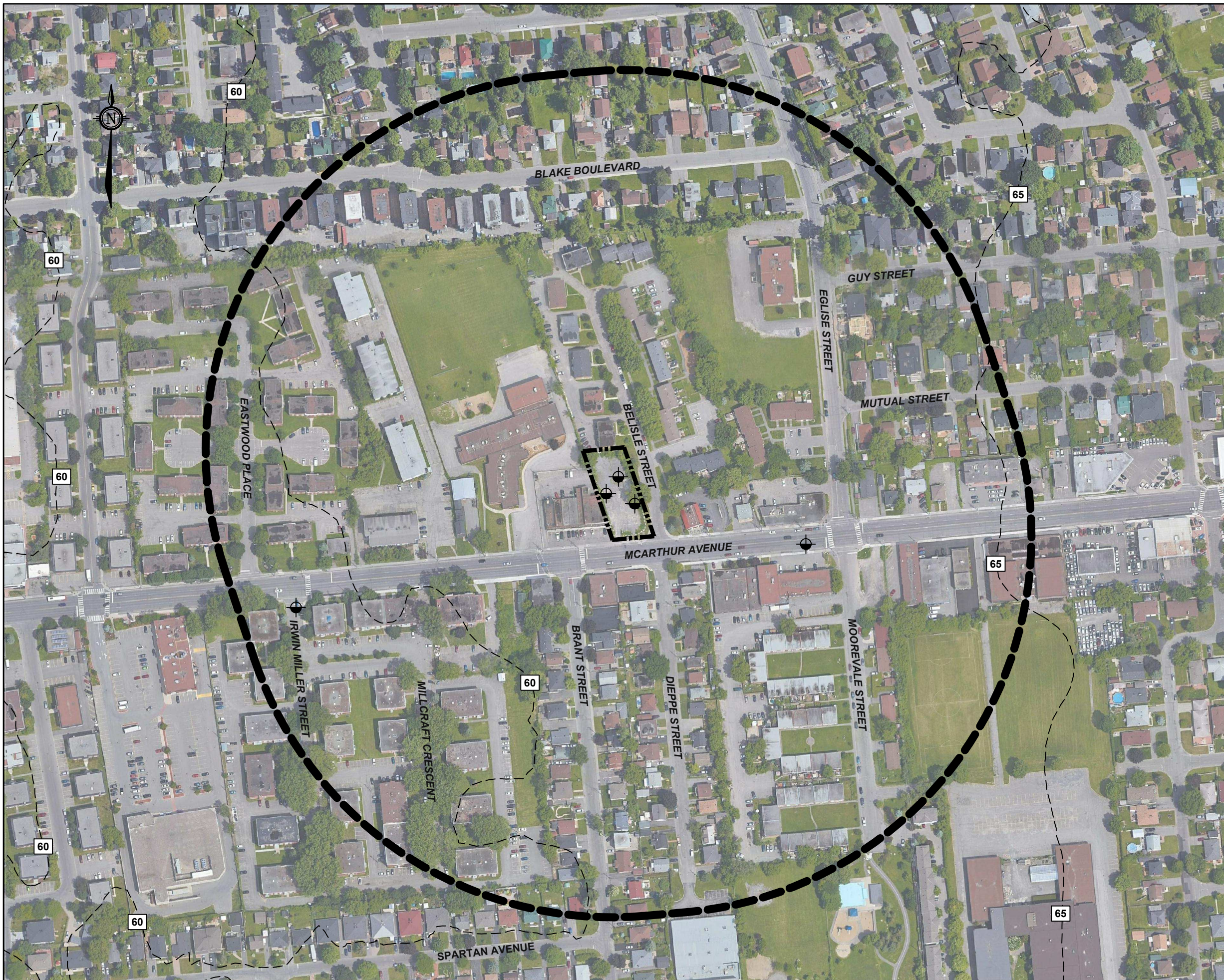
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Ottawa, ON K2K 2A9
Tel: (613) 836-1422
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ottawa@gemtec.ca

Drawing
LOCATIONS OF IDENTIFIED APECS



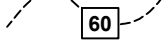
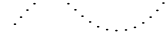

Client
NOVATECH

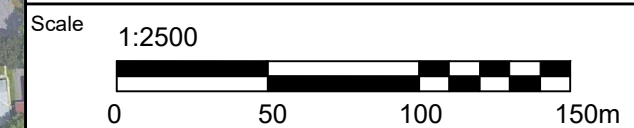
Project 64819.22	PHASE ONE ESA 393 ARTHUR AVENUE OTTAWA, ONTARIO
Drwn by P.C./S.L.	
Chkd by L.F.	

Date MAY 2022	Rev. 1	FIGURE 3
------------------	-----------	-----------------



LEGEND

-  SUBJECT SITE
-  250 METRE BUFFER SHOWING EXTENT OF STUDY AREA
-  CONTOUR INTERVAL, IN METRES
-  WATER BODIES
-  MONITORING WELL




GEMTEC
CONSULTING ENGINEERS
AND SCIENTISTS

32 Steacie Drive
Ottawa, ON K2K 2A9
Tel: (613) 836-1422
www.gemtec.ca
ottawa@gemtec.ca

Drawing		TOPOGRAPHIC MAP	
Client		NOVATECH	
Project	64819.22	PHASE ONE ESA 393 ARTHUR AVENUE OTTAWA, ONTARIO	
Drwn by	P.C./S.L.		
Date	MAY 2022	Rev.	1
			FIGURE 4



APPENDIX B

Fire Insurance Plans



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

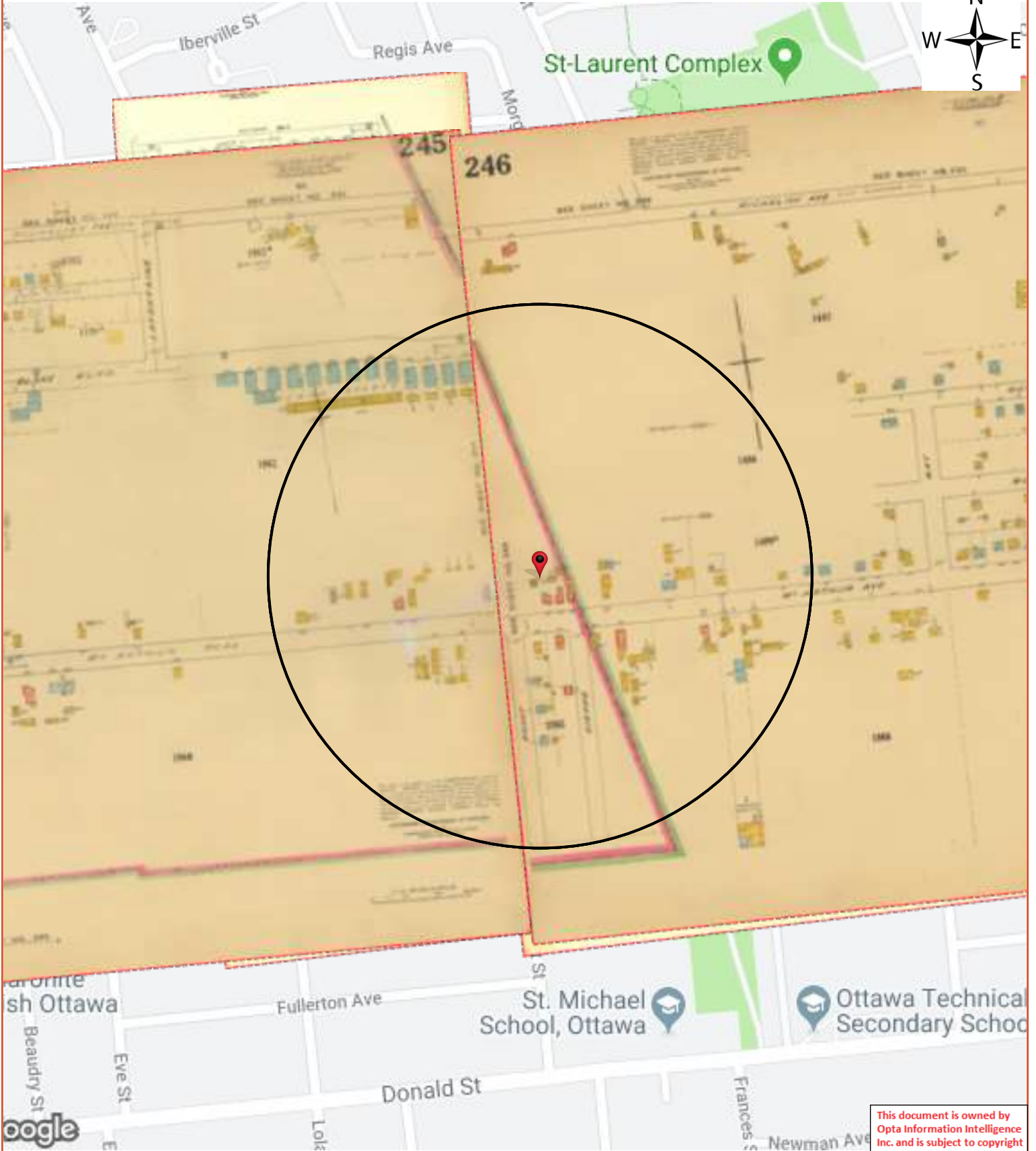
393 McArthur Avenue Vanier Ont
Project No:

20190716085
Opta Order ID:

63576

Requested by:
Eleanor Goolab
ERIS

Date Completed:
7/22/2019 11:05:51 AM



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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.

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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.



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Markham, Ontario
L3T 7Z3

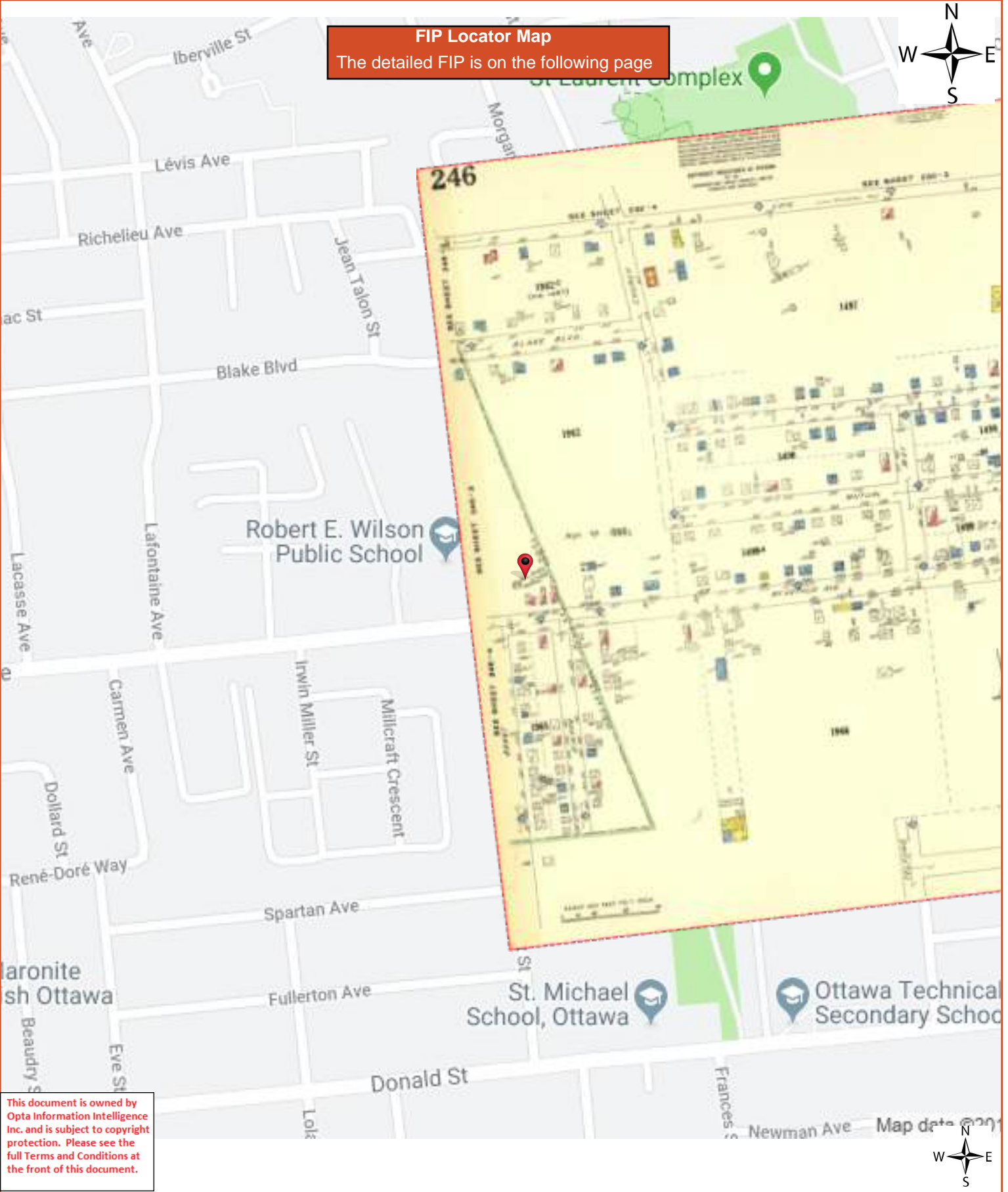
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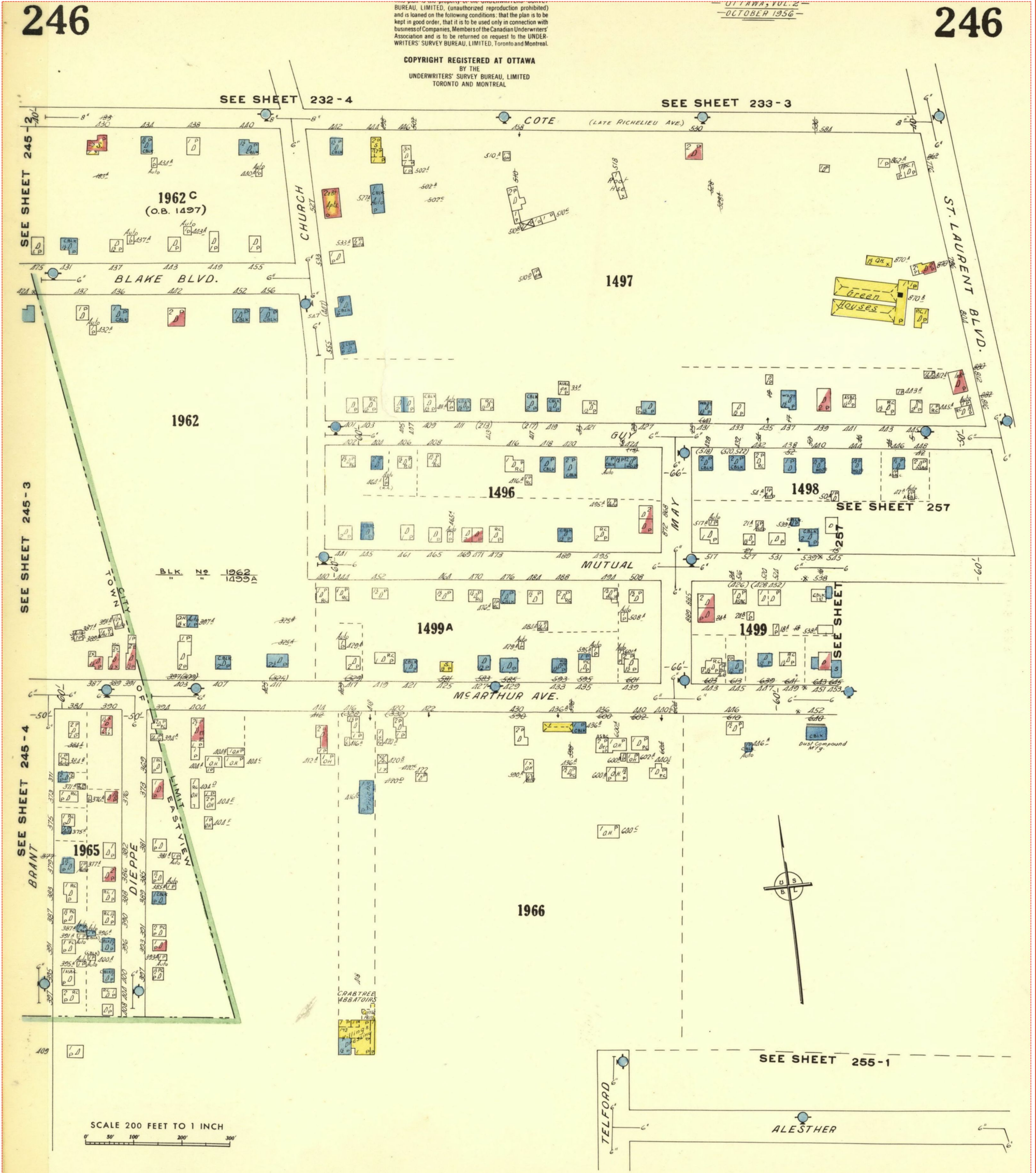
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6	(1958) Volume: Ottawa Volume 2 Firemap: 246
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10	(1958) Volume: Ottawa Volume 2 Firemap: 245-3
12	(1958) Volume: Ottawa Volume 2 Firemap: 245-4
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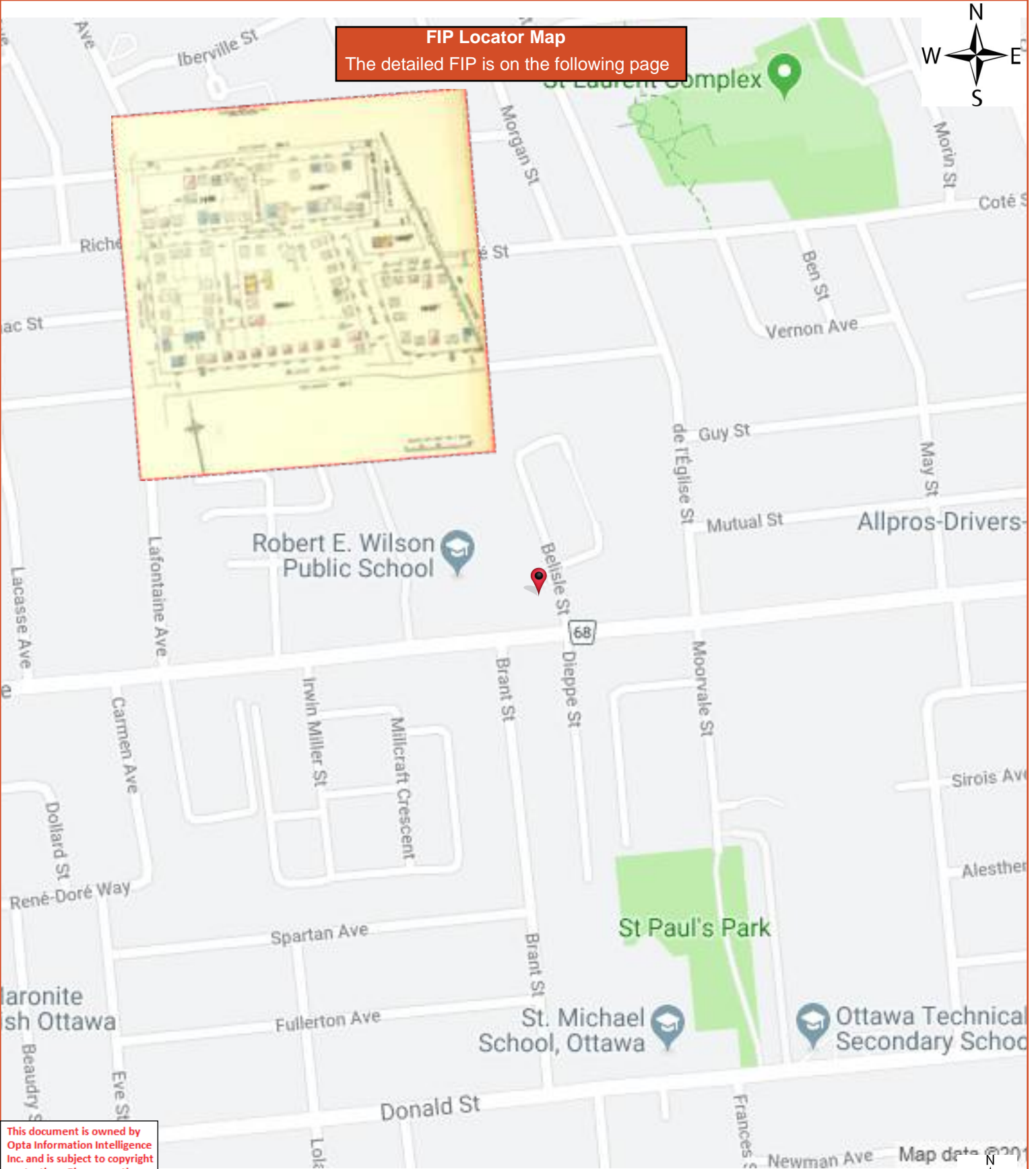




FIP Locator Map
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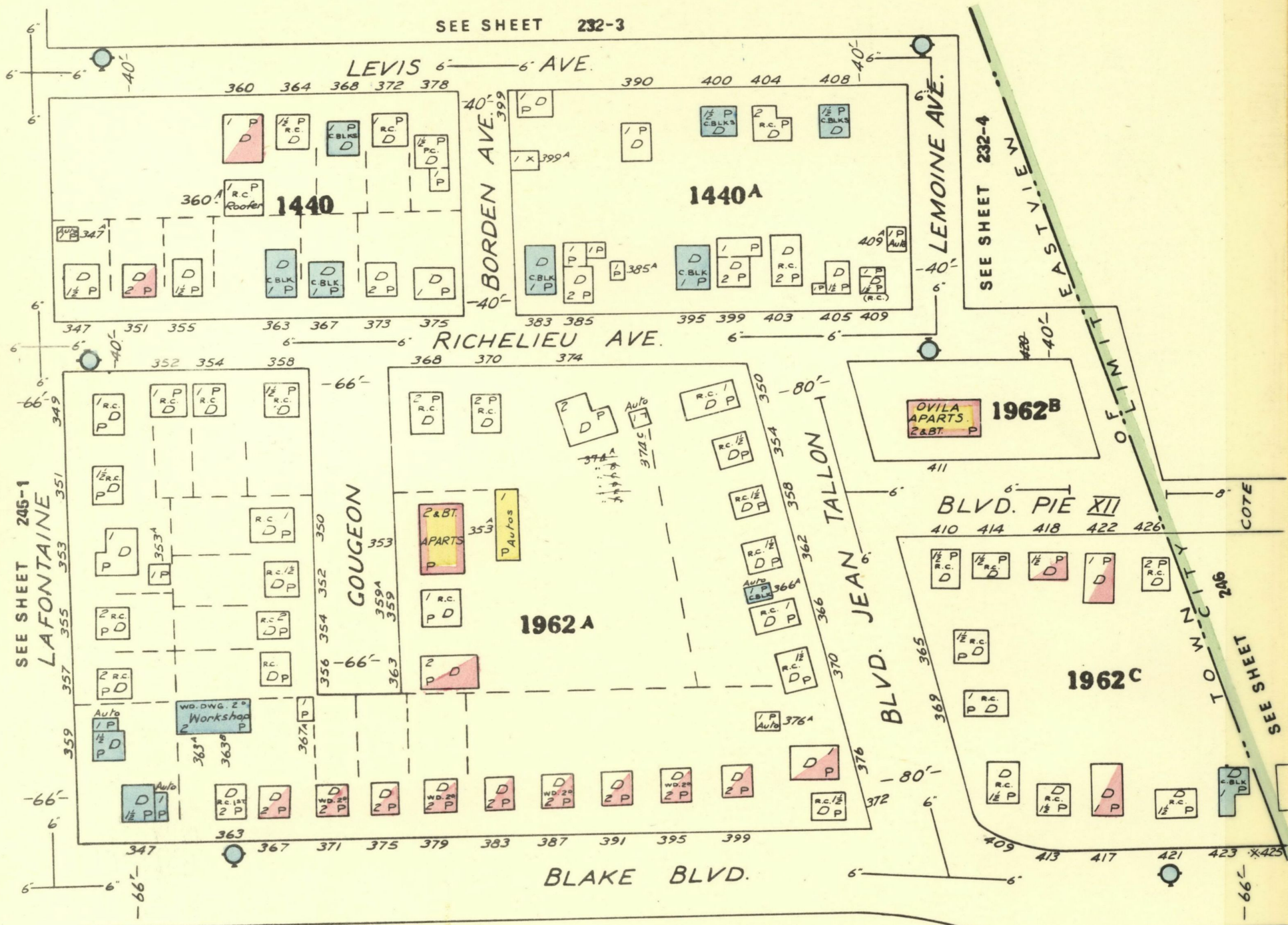




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UNDERWRITERS' SURVEY BUREAU, LIMITED
TORONTO AND MONTREAL



SEE SHEET 245-1
LAFONTAINE

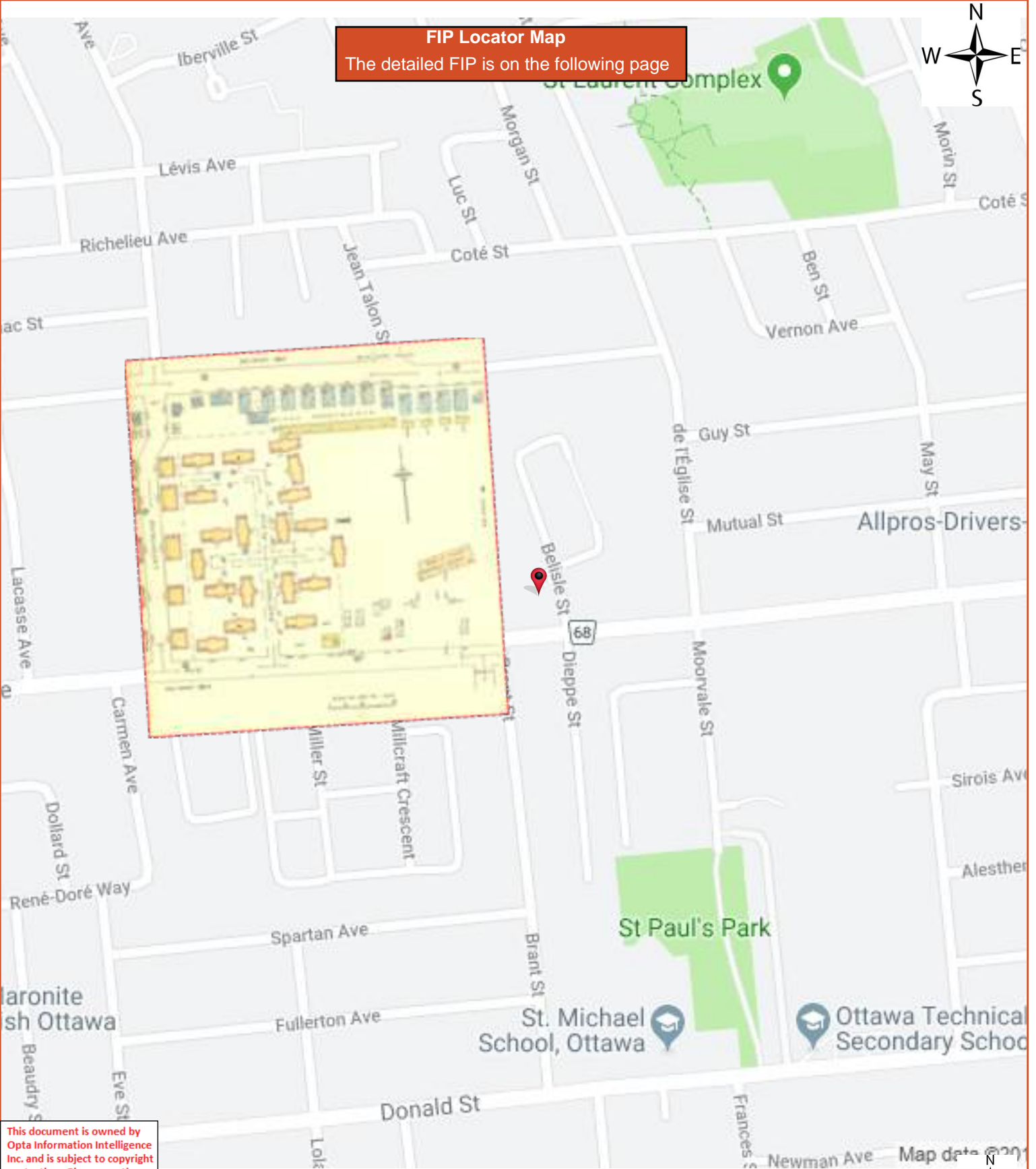
SEE SHEET 232-4
EASTVIEW

SEE SHEET 206
TO WILLOW

SEE SHEET 232-3

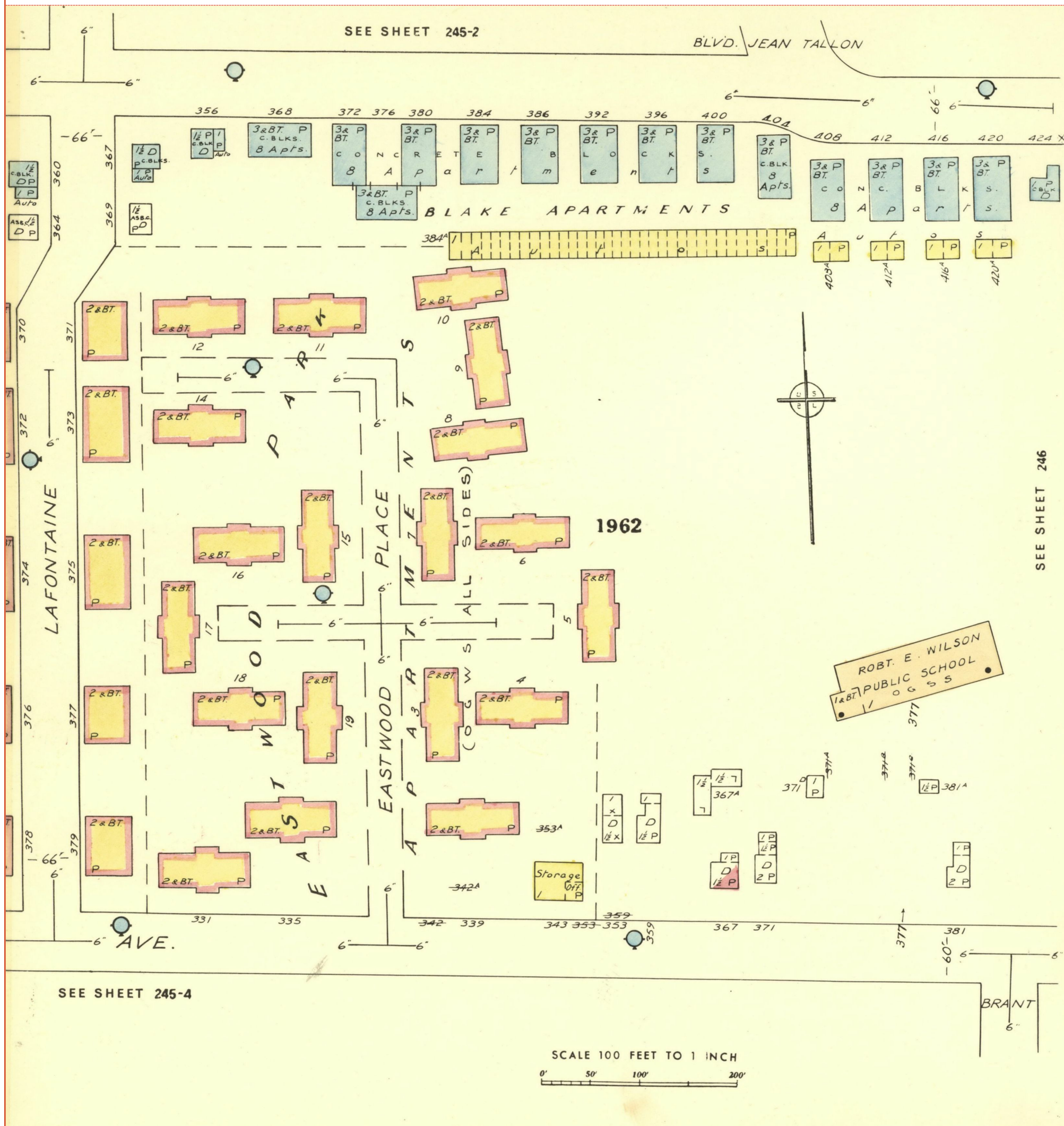
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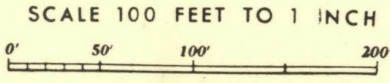


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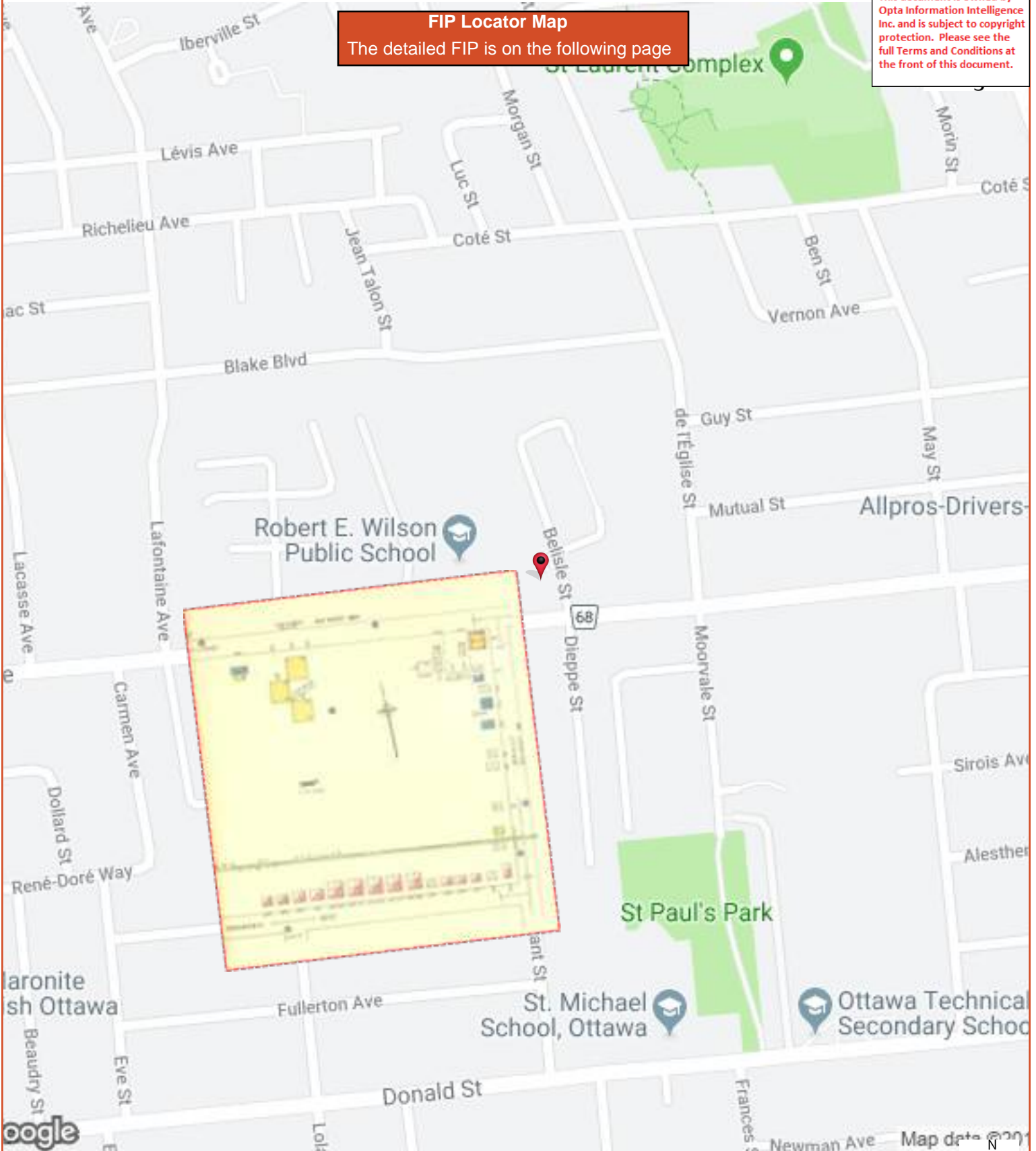


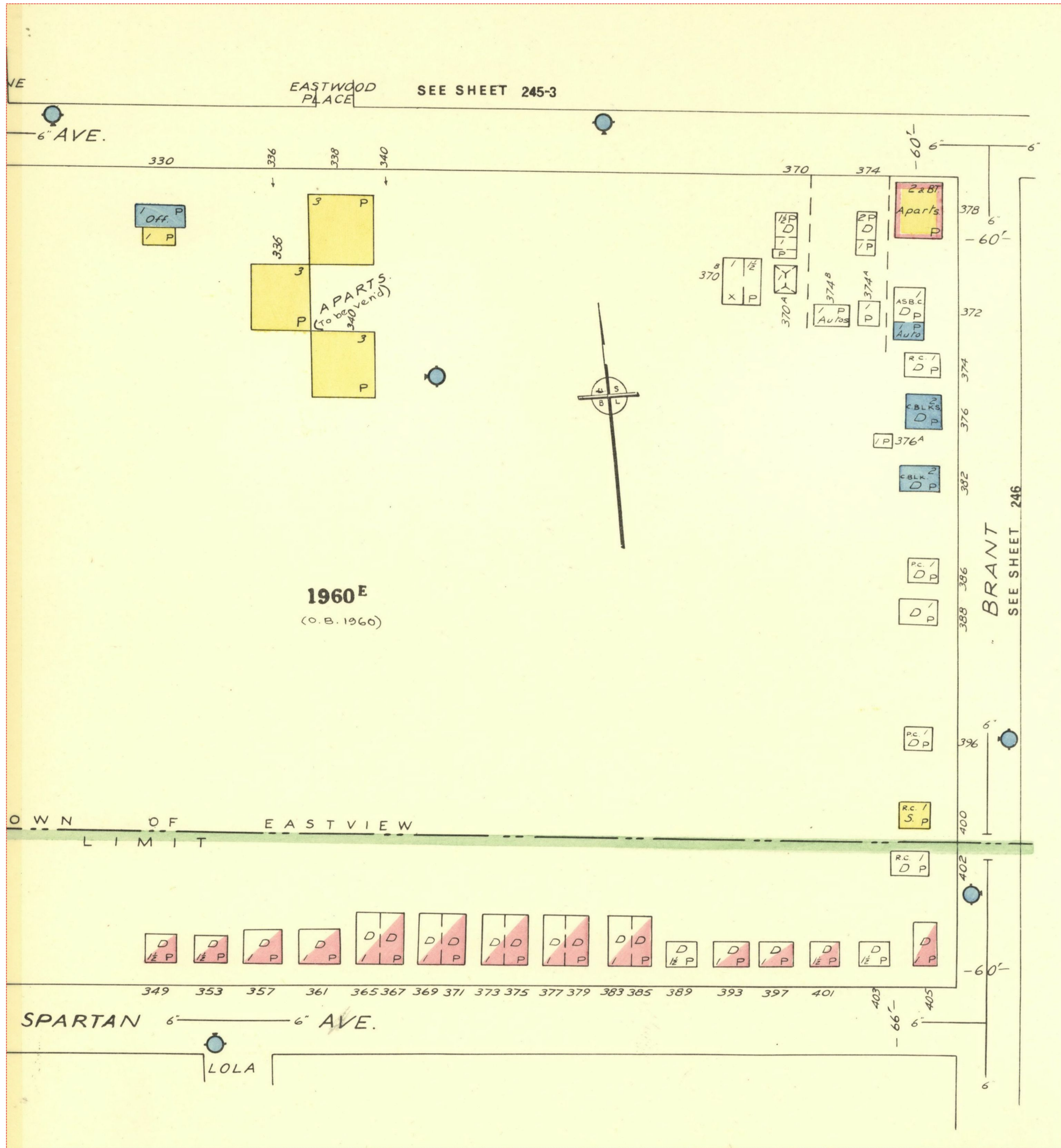
ROBT. E. WILSON
PUBLIC SCHOOL
10655



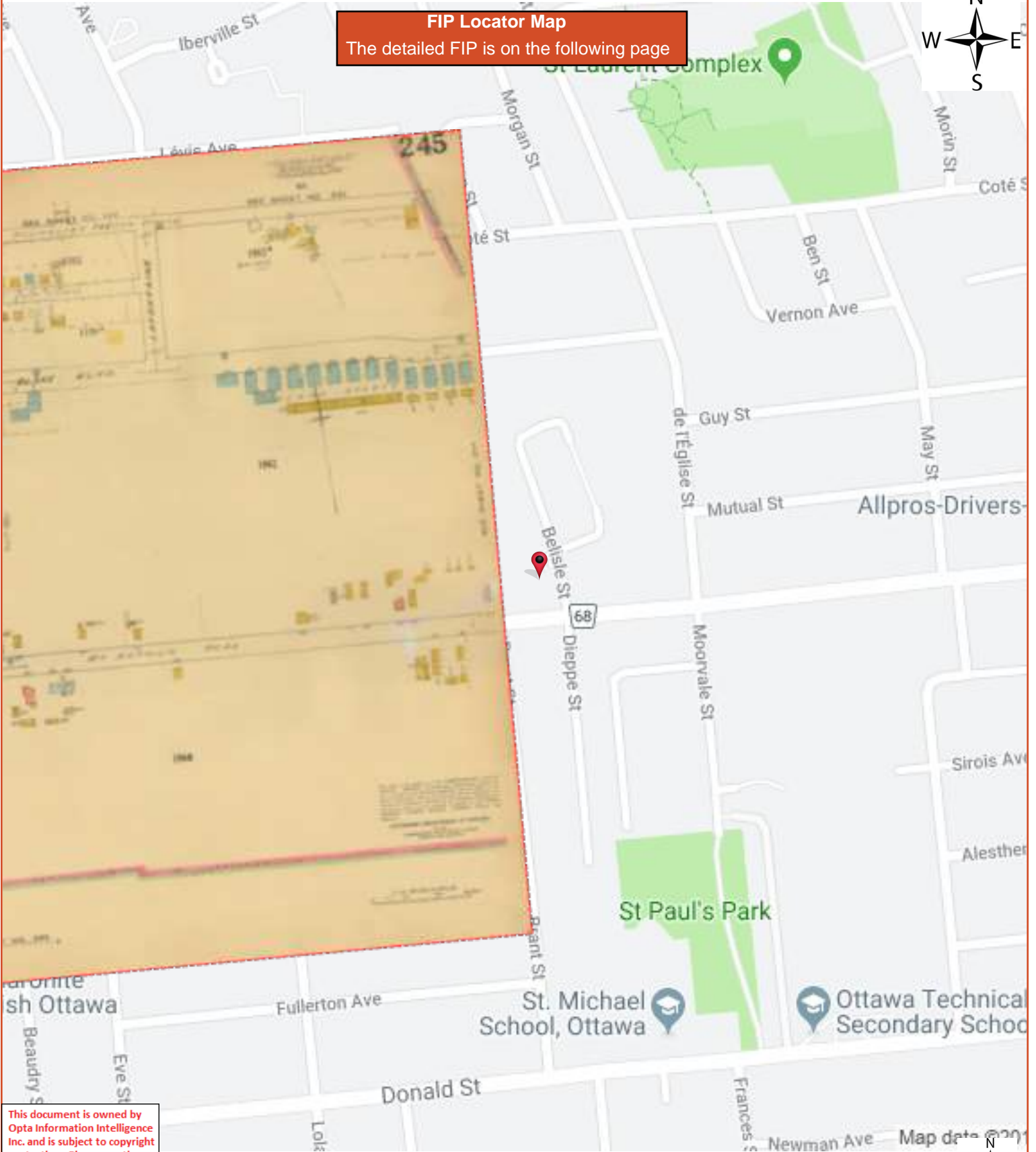
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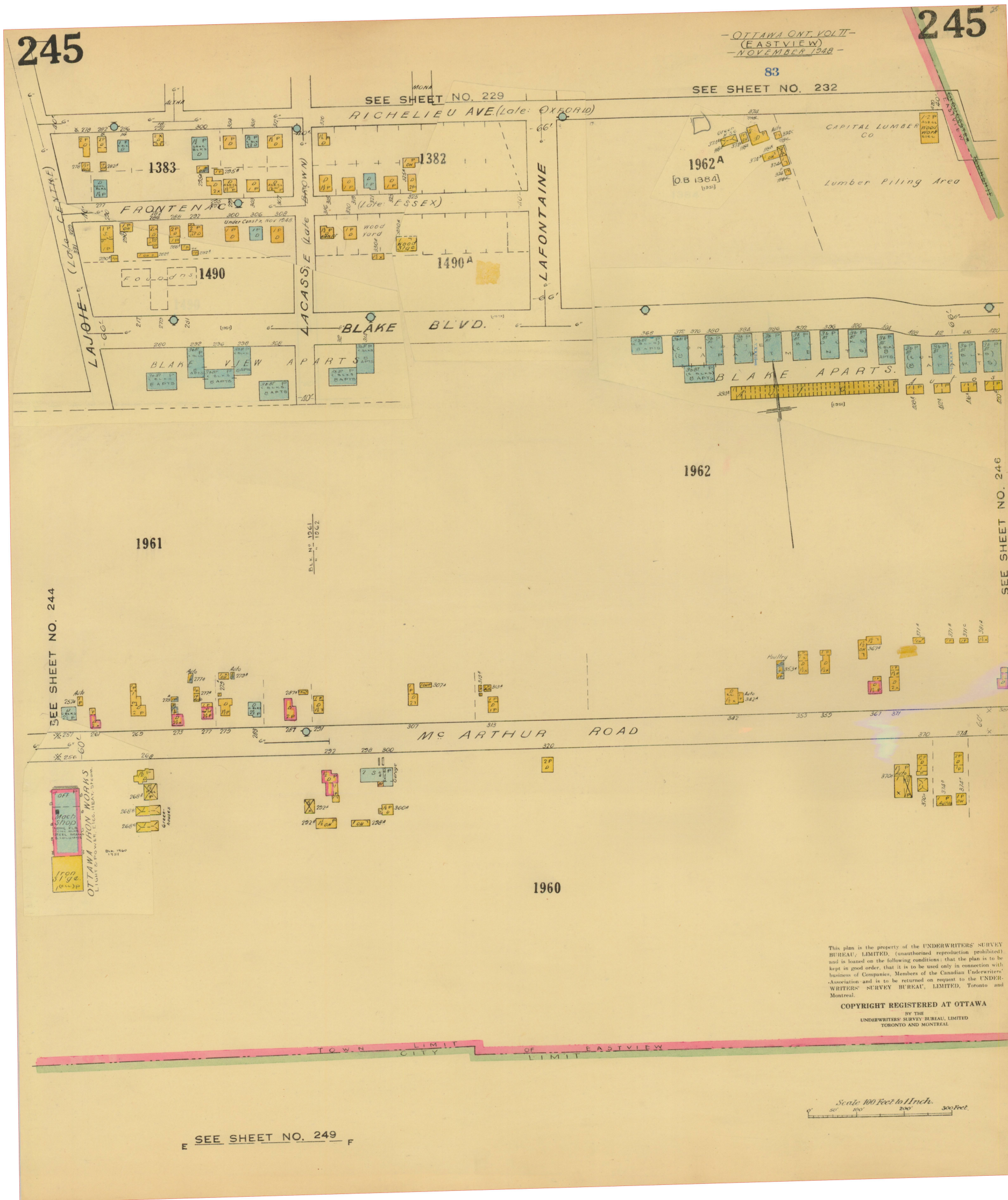


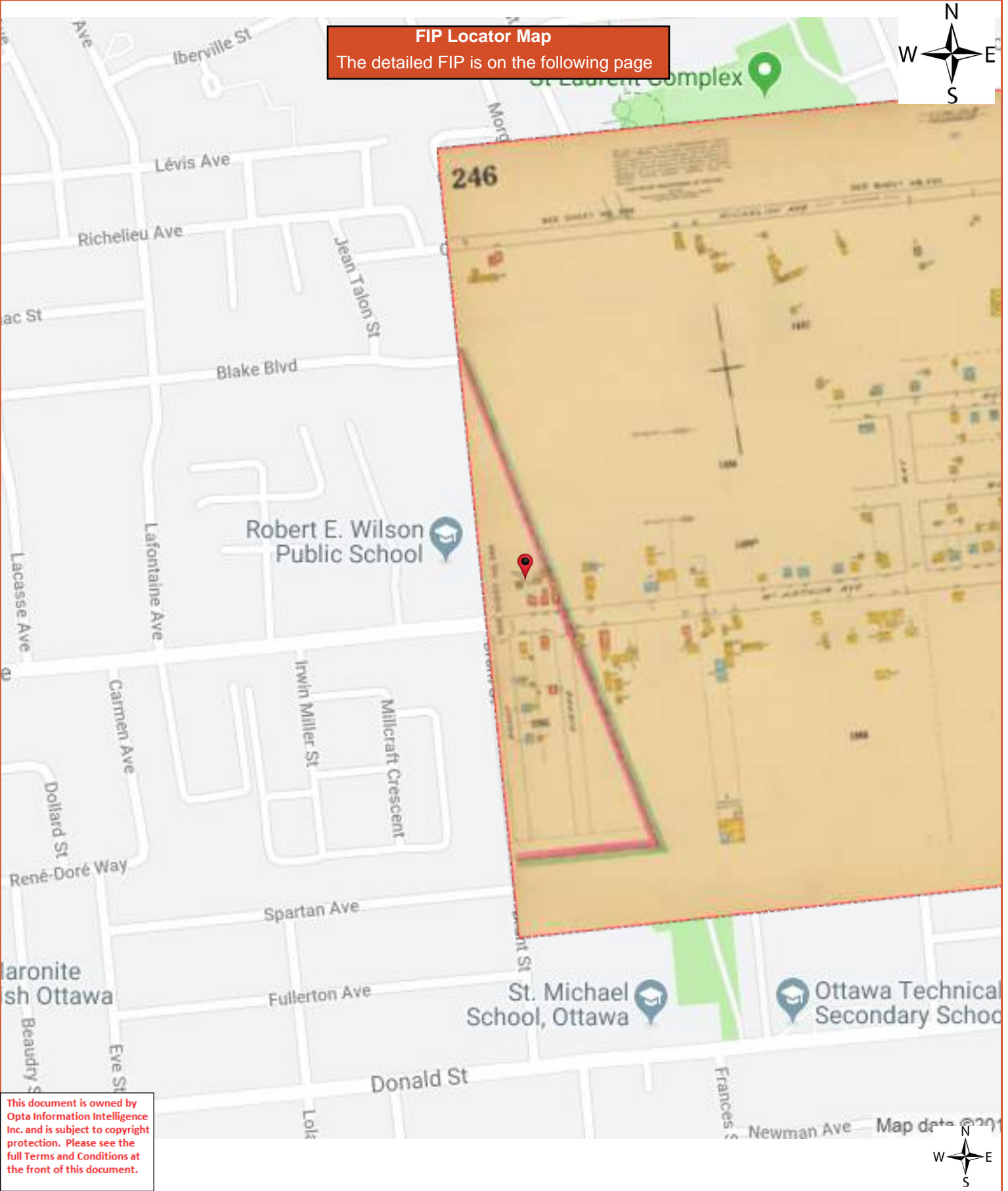
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OTTAWA, VOL. II
NOVEMBER 1948

83

246

SEE SHEET NO. 232
St. Jacques

SEE SHEET NO. 233

RICHELIEU AVE. (LATE OLMSTEAD AVE.)

ST. LAURENT B.L.V.D.
(LATE BASE LINE ROAD)

1497

1496

GUY

1498

MAY

MUTUAL

1499

1499A

McARTHUR AVE.

SEE SHEET NO. 245

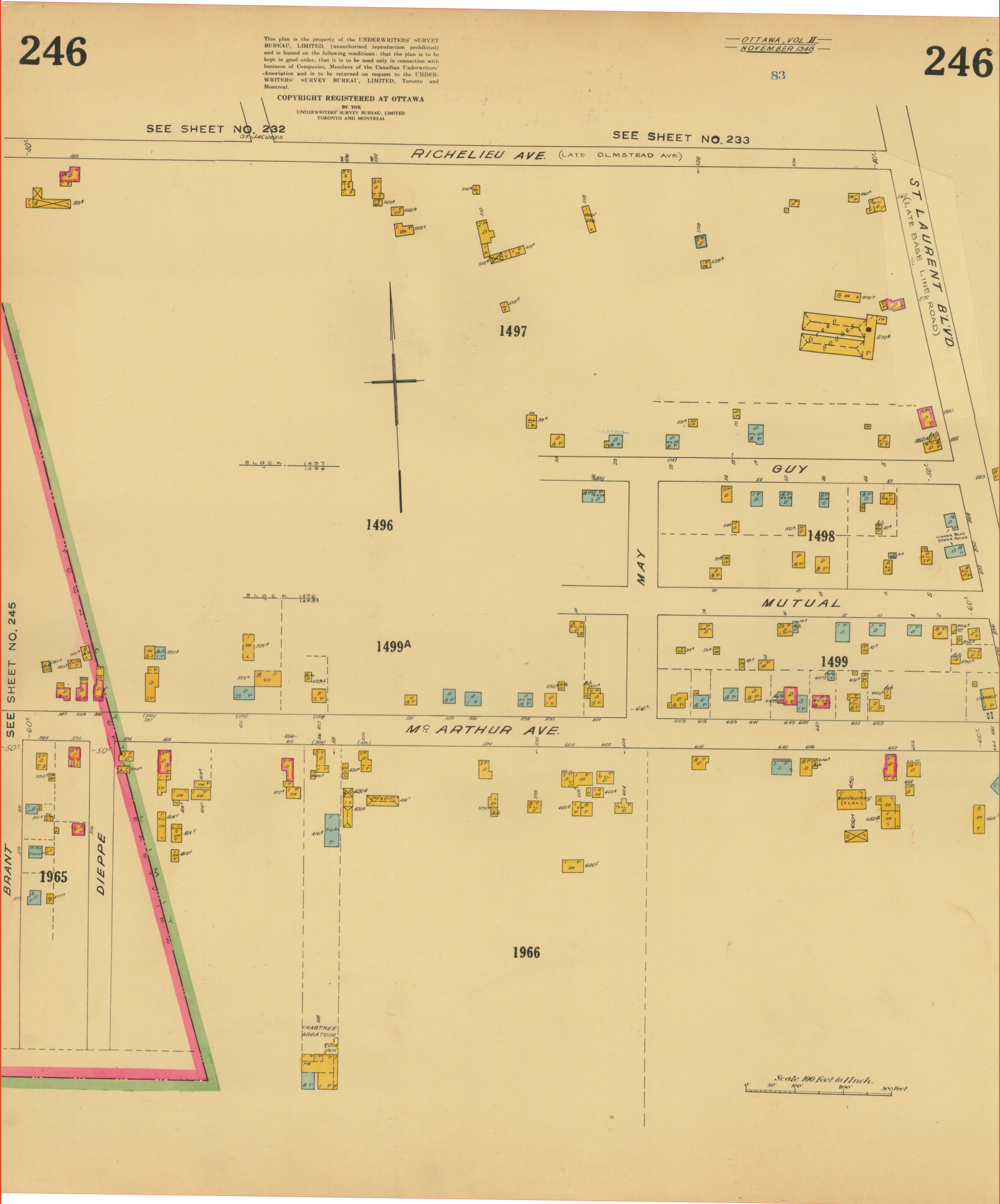
1965

DIEPPE

1966

CHATHREE
ABBATOIR

Scale 100 Feet to 1 Inch.
0 50 100 200 300 Feet





APPENDIX C

Chain of Title

ENVIRONMENTAL SEARCH

Re: 393 Madhattan Ave.

Att: Mole Song

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	May 27 1799	Crown	Hon. John Munro
R0260	Seed	May 22 1833	Heir of John Munro	Donald Madhattan
6C4520	Well	Jan 18 1878	Maria Madhattan (Heir of Donald Madhattan)	Henry C. Madhattan
6C7178	Seed	July 31 1885	Henry C. Madhattan	Esther Wolff
6C16361	Seed	Apr 19 1901	Esther Wolff	James McFadden
6C20337	Seed	Sept 12 1908	James McFadden	James Maloney
6C23645	Seed	May 27 1911	William James Maloney	William F. Seick Martha Seick
V7136	Seed	Aug 4 1944	William F. Seick Martha Seick	Rudolph T. Seick

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
V 7898	Deed	July 26 1946	Rudolph T. Seick	Jack K. Tahay Mary Budget Tahay (Part)
V 9043	Deed	July 8 1948	Rudolph T. Seick	Fred Crabtree (Part)
V 14671	Deed	Sept 2 1955	Jack K. Tahay Mary Budget Tahay	Louisa Codene Silberte Codene (as in V 7898)
V 28189	Deed	Feb 29 1968	Louisa Codene Silberte Codene	Marie J. Dowcy (as in V 14671)
CH 21674	Deed	June 26 1970	Marie J. Dowcy	Gerald Crabtree (as in V 28189)
V 18438	Deed	June 10 1959	Fred Crabtree	Gerald Crabtree (as in V 9043)
N 416380	Deed	Nov 16 1987	Gerald Crabtree	Gerald Crabtree Teresa Crabtree (as in V 18438)
N 416550	Deed	Nov 17 1987	Gerald Crabtree	Gerald Crabtree Teresa Crabtree (as in CH 21674)

ENVIRONMENTAL SEARCH

3

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
N489280	Deed	June 1 1989	Gerald Crabtree Teresa Crabtree (Both parts) →	Marwen Teftick, Anita Esther Pedrie-Teftick Marc Joseph Rene Tamane
N535026	Deed	May 18 1990	Marwen Teftick, Anita Esther Pedrie-Teftick Marc Joseph Rene Tamane	842200 Ontario Ltd.
L+1404970	Deed - Power of Sale	July 16 2001	564 354 Ontario Inc.	Carolyn Nguyen Alexander Tran
OC 306023	Deed	Mar 3 2004	Carolyn Nguyen Alexander Tran	Rosaline Trang
OC 2109959	Deed	June 18 2019	Rosaline Trang	Elite Homes Management Inc. (Current Owner)
* Legal Description is: Part of lot 7, Concession Junctions Sore, being Part 1 on Plan SR-12736, City of Ottawa, Geographic Township of Gloucester. PIN 04241-0135.				
July 24/19.				

LAND
REGISTRY
OFFICE #4

04241-0135 (LT)

PAGE 1 OF 1
PREPARED FOR EEGOOLAB
ON 2022/05/17 AT 10:24:32

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LT 7, CON JG , PART 1 , 5R12736 ; VANIER/GLOUCESTER

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK JG3

PIN CREATION DATE:
1997/01/27

OWNERS' NAMES
ELITE HOMES MANAGEMENT INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/01/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/01/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1997/01/27 **</p>						
5R12736	1989/05/29	PLAN REFERENCE				C
N535851	1990/05/29	AGREEMENT			THE CITY OF VANIER	C
OC2109959	2019/06/18	TRANSFER	\$608,888	TRANG, ROSALINE	ELITE HOMES MANAGEMENT INC.	C
REMARKS: PLANNING ACT STATEMENTS.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





APPENDIX D

ERIS Report



DATABASE REPORT

Project Property: *393 McArthur Ave 64819.22
393 McArthur Avenue 64819.22
Vanier ON K1L 6N5*

Project No: *64819.22*

Report Type: *Standard Report*

Order No: *20190716085*

Requested by: *GEMTEC Consulting Engineers and
Scientists Limited (Ontario)*

Date Completed: *July 23, 2019*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property: 393 McArthur Ave 64819.22
393 McArthur Avenue 64819.22 Vanier ON K1L 6N5

Project No: 64819.22

Coordinates:

Latitude: 45.432415
Longitude: -75.65009
UTM Northing: 5,031,193.58
UTM Easting: 449,149.83
UTM Zone: UTM Zone 18T

Elevation: 197 FT
60.18 M

Order Information:

Order No: 20190716085
Date Requested: July 16, 2019
Requested by: GEMTEC Consulting Engineers and Scientists Limited (Ontario)
Report Type: Standard Report

Historical/Products:

Aerial Photographs Aerials - National Collection - .tiff files
City Directory Search CD - Subject Site plus 10 Adjacent Properties
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Insurance Products Fire Insurance Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	4	4
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	7	7
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	6	6
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	65	65
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	4	4
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	3	3
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	1	1
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	6	6
SPL	<i>Ontario Spills</i>	Y	0	4	4
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	5	5
Total:			0	110	110

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
1	SCT	McArthur Tailor & Dry Cleaning	387 McArthur Ave Vanier ON K1L 6N5	WSW/19.9	-0.31	31
2	SCT	Ray-Tek Printing Inc.	377 McArthur Ave Ottawa ON K1L 6N5	WSW/43.9	-0.27	31
2	SCT	Ray-Tek Printing Inc.	377 McArthur Ave Vanier ON K1L 6N5	WSW/43.9	-0.27	31
3	GEN	RICHMOND TECHNICAL SERVICES	MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	S/67.3	0.00	32
3	GEN	RICHMOND TECHNICAL SERVICES	390 MCARTHUR AVENUE MCARTHUR MEDICAL CENTRE VANIER ON K1L 6N6	S/67.3	0.00	32
3	GEN	RICHMOND TECHNICAL SERVICES 33-359	MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	S/67.3	0.00	32
3	GEN	MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S/67.3	0.00	32
3	GEN	MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S/67.3	0.00	33
3	GEN	MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S/67.3	0.00	33
3	GEN	MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S/67.3	0.00	33
3	GEN	MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S/67.3	0.00	34
4	WWIS		lot 7 ON	SSW/93.6	-0.31	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1500394			
5	EHS		374 McArthur Avenue Ottawa ON	SW/98.4	-0.76	36
6	SCT	EDDES BAKERY & PASTRY SHOP	411 MCARTHUR AVE UNIT 6 OTTAWA ON K1K 1G7	E/111.5	2.69	37
6	SCT	CR Printing	411 McArthur Ave Ottawa ON K1K 1G7	E/111.5	2.69	37
7	EHS		404 McArthur Ottawa ON	SE/111.8	2.39	37
8	BORE		ON	SW/113.5	-0.76	37
9	PES	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K 1G8	SE/119.1	2.69	39
9	PES	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K 1G8	SE/119.1	2.69	39
9	PES	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K1G8	SE/119.1	2.69	40
9	SPL	City of Ottawa	400 McArthur Avenue Ottawa ON K1L 6N6	SE/119.1	2.69	40
10	BORE		ON	SW/122.2	-1.31	41
11	WWIS		Ottawa ON Well ID: 7240752	SSW/126.7	-0.31	42
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	44
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	45
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	45
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON	NW/129.5	-1.00	46
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	46
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	46
12	GEN	Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	46
12	GEN	Ottawa-Carleton District School Board Health & Safety	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	47
12	GEN	Ottawa-Carleton District School Board Health & Safety	373 McArthur Avenue Vanier ON K1L 6N5	NW/129.5	-1.00	47
13	EHS		368 Belisle Street Ottawa ON	N/146.9	0.66	47
14	EHS		780 Church St. Vanier ON	NE/152.2	2.36	47
14	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780, RUE CHURCH OTTAWA ON K1K 3K7	NE/152.2	2.36	48
14	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	NE/152.2	2.36	48
14	GEN	CONSEIL (OUT OF BUSINESS)IQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	NE/152.2	2.36	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
15	HINC		362 McArthur OTTAWA ON	WSW/158.9	-1.31	49
16	INC		415 MCARTHUR AVENUE, OTTAWA ON K1K 1G5	E/161.7	3.69	49
16	SPL	Enbridge Gas Distribution Inc.	415 McArthur ave Ottawa ON K1K 1G5	E/161.7	3.69	50
17	EHS		414 McArthur Avenue Ottawa ON K1K 1G5	ESE/174.9	3.69	50
18	WWIS		Ottawa ON Well ID: 7220785	W/175.0	-1.31	51
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	54
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	54
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	54
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	54
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	55
19	EXP	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	55
19	FSTH	1067323 ONTARIO LTD ATT JAY IYENGAR	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	55
19	FSTH	1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	56

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
19	PRT	SUNYS PETROLEUM INC	414 MCARTHUR RD OTTAWA ON K1K1G6	ESE/177.3	3.69	56
19	RST	ECONO GAS BAR	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE/177.3	3.69	56
20	EHS		3-19 Eastwood Place, 331, 335, 339 McArthur Avenue Ottawa ON	W/185.2	-1.31	57
21	HINC		358 McARTHUR AVENUE OTTAWA ON	WSW/188.4	-1.31	57
22	HINC		350 McARTHUR AVENUE OTTAWA ON	WSW/207.1	-1.31	57
22	HINC		350 McARTHUR AVENUE OTTAWA ON	WSW/207.1	-1.31	58
23	SPL	N R Construction Co. Ltd.<UNOFFICIAL>	15 Eastwood Place Ottawa ON K1L 6X1	WNW/212.8	-1.31	58
24	EHS		420 McArthur Ave Ottawa ON K1K1G6	ESE/217.4	5.39	59
24	GEN	Fred Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	59
24	GEN	Fred Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	59
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	59
24	GEN	Fred Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	60
24	GEN	Fred Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	60

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
24	GEN	U A P INC.	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE/217.4	5.39	60
24	GEN	U A P (OUT OF BUS) 39-301	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE/217.4	5.39	61
24	GEN	U A P INC. 39-301	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE/217.4	5.39	61
24	GEN	UAP INC. (OUT OF BUSINESS)	420 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/217.4	5.39	61
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	62
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	62
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	62
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	62
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE/217.4	5.39	63
24	GEN	F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON	ESE/217.4	5.39	63
25	GEN	GREELY CONSTRUCTION	MCARTHUR AVENUE @ IRWIN MILLER STREET OTTAWA ON K1L 6V8	WSW/230.5	-1.31	63
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	64
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	64
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	65
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	65
26	GEN	BYTOWN CAT HOSPITAL 05-924	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	66
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	66
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	66
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	67
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	67
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE/234.9	5.69	67
26	GEN	BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON	ESE/234.9	5.69	68
27	BORE		ON	NE/238.4	3.61	68
27	WWIS		ON Well ID: 1508224	NE/238.4	3.61	69
28	BORE		ON	ESE/238.9	5.69	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
29	WWIS		ON <i>Well ID: 7220786</i>	NW/241.3	-1.31	73
30	ECA	Ottawa-Carleton District School Board	485 Donald St Ottawa ON K2H 6L3	ESE/248.0	5.39	76
30	GEN	OTTAWA BOARD OF EDUCATION	MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	76
30	GEN	OTTAWA BOARD OF EDUCATION	MCARTHUR HIGH SHL. 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	ESE/248.0	5.39	77
30	GEN	OTTAWA BOARD OF EDUCATION 29-469	MCARTHUR HIGH SHL., 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	ESE/248.0	5.39	77
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	78
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL LEARNING CENTRE 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	79
30	GEN	OTTAWA CARLETON DISTRICT SCHOOL BOARD	485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	80
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	80
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	81
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	81
30	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	82

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON	ESE/248.0	5.39	<u>83</u>
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	<u>84</u>
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	<u>85</u>
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	<u>86</u>
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	<u>87</u>
<u>30</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE/248.0	5.39	<u>89</u>
<u>30</u>	SPL	Ottawa-Carleton District School Board	485 Donald Street, Ottawa Ottawa ON K1K 1L8	ESE/248.0	5.39	<u>90</u>
<u>31</u>	SCT	ShartyB Productions	427 McArthur Ave Unit 1 Ottawa ON K1K 1G5	E/249.3	6.00	<u>91</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NE	238.37	<u>27</u>
	ON	ESE	238.92	<u>28</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SW	113.48	<u>8</u>
	ON	SW	122.19	<u>10</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jun 31, 2019 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	485 Donald St Ottawa ON K2H 6L3	ESE	247.99	<u>30</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2019 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	404 McArthur Ottawa ON	SE	111.80	<u>7</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	368 Belisle Street Ottawa ON	N	146.94	13
	780 Church St. Vanier ON	NE	152.19	14
	414 McArthur Avenue Ottawa ON K1K 1G5	ESE	174.93	17
	420 McArthur Ave Ottawa ON K1K1G6	ESE	217.44	24

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	374 McArthur Avenue Ottawa ON	SW	98.36	5
	3-19 Eastwood Place, 331, 335, 339 McArthur Avenue Ottawa ON	W	185.17	20

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 6 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19

FSTH - Fuel Storage Tank - Historic

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1067323 ONTARIO LTD ATT JAY IYENGAR	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19
1067323 ONTARIO LTD O/A GAS STN	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Mar 31, 2019 has found that there are 65 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RICHMOND TECHNICAL SERVICES	MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	S	67.29	3
RICHMOND TECHNICAL SERVICES	390 MCARTHUR AVENUE MCARTHUR MEDICAL CENTRE VANIER ON K1L 6N6	S	67.29	3
RICHMOND TECHNICAL SERVICES 33-359	MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	S	67.29	3
MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S	67.29	3

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S	67.29	<u>3</u>
MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S	67.29	<u>3</u>
MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S	67.29	<u>3</u>
MCARTHUR MEDICAL CENTER	390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	S	67.29	<u>3</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780, RUE CHURCH OTTAWA ON K1K 3K7	NE	152.19	<u>14</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	NE	152.19	<u>14</u>
CONSEIL (OUT OF BUSINESS)IQUES DE LANGUE	NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	NE	152.19	<u>14</u>
Fred Trotter Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
Fred Trotter Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trotter Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
Fred Trotter Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Fred Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
U A P INC.	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE	217.44	<u>24</u>
U A P (OUT OF BUS) 39-301	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE	217.44	<u>24</u>
U A P INC. 39-301	420 MCARTHUR AVE. OTTAWA ON K1K 1G6	ESE	217.44	<u>24</u>
UAP INC. (OUT OF BUSINESS)	420 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON K1K 1G6	ESE	217.44	<u>24</u>
F. Trottier Construction Ltd.	420 McArthur Avenue Ottawa ON	ESE	217.44	<u>24</u>
BYTOWN CAT HOSPITAL 05-924	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>
BYTOWN CAT HOSPITAL	422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	ESE	234.90	<u>26</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA BOARD OF EDUCATION	MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA BOARD OF EDUCATION	MCARTHUR HIGH SHL. 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA BOARD OF EDUCATION 29-469	MCARTHUR HIGH SHL., 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL LEARNING CENTRE 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA CARLETON DISTRICT SCHOOL BOARD	485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	ESE	247.99	<u>30</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	<u>12</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	<u>12</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	<u>12</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	<u>12</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON	NW	129.49	<u>12</u>
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	<u>12</u>

Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	12
Ottawa-Carleton District School Board	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	12
Ottawa-Carleton District School Board Health & Safety	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	12
Ottawa-Carleton District School Board Health & Safety	373 McArthur Avenue Vanier ON K1L 6N5	NW	129.49	12
GREELY CONSTRUCTION	MCARTHUR AVENUE @ IRWIN MILLER STREET OTTAWA ON K1L 6V8	WSW	230.54	25

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 4 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	362 McArthur OTTAWA ON	WSW	158.92	15
	358 McARTHUR AVENUE OTTAWA ON	WSW	188.43	21
	350 McARTHUR AVENUE OTTAWA ON	WSW	207.09	22
	350 McARTHUR AVENUE OTTAWA ON	WSW	207.09	22

INC - TSSA Incidents

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	415 MCARTHUR AVENUE, OTTAWA ON K1K 1G5	E	161.73	16

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2019 has found that there are 3 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K 1G8	SE	119.11	9
GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K 1G8	SE	119.11	9
GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED	400 MCARTHUR AVE OTTAWA ON K1K1G8	SE	119.11	9

PRT - Private and Retail Fuel Storage Tanks

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNYS PETROLEUM INC	414 MCARTHUR RD OTTAWA ON K1K1G6	ESE	177.26	19

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jan 31, 2019 has found that there are 1 RST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ECONO GAS BAR	414 MCARTHUR AVE OTTAWA ON K1K 1G6	ESE	177.26	19

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 6 SCT site(s) within approximately 0.25 kilometers of

the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CR Printing	411 McArthur Ave Ottawa ON K1K 1G7	E	111.47	<u>6</u>
EDDES BAKERY & PASTRY SHOP	411 MCARTHUR AVE UNIT 6 OTTAWA ON K1K 1G7	E	111.47	<u>6</u>
ShartyB Productions	427 McArthur Ave Unit 1 Ottawa ON K1K 1G5	E	249.30	<u>31</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
McArthur Tailor & Dry Cleaning	387 McArthur Ave Vanier ON K1L 6N5	WSW	19.91	<u>1</u>
Ray-Tek Printing Inc.	377 McArthur Ave Ottawa ON K1L 6N5	WSW	43.86	<u>2</u>
Ray-Tek Printing Inc.	377 McArthur Ave Vanier ON K1L 6N5	WSW	43.86	<u>2</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	400 McArthur Avenue Ottawa ON K1L 6N6	SE	119.11	<u>9</u>
Enbridge Gas Distribution Inc.	415 McArthur ave Ottawa ON K1K 1G5	E	161.73	<u>16</u>
Ottawa-Carleton District School Board	485 Donald Street, Ottawa Ottawa ON K1K 1L8	ESE	247.99	<u>30</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
N R Construction Co. Ltd.<UNOFFICIAL>	15 Eastwood Place Ottawa ON K1L 6X1	WNW	212.76	23

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID: 1508224</i>	NE	238.37	27

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 7 ON <i>Well ID: 1500394</i>	SSW	93.55	4
	Ottawa ON <i>Well ID: 7240752</i>	SSW	126.69	11
	Ottawa ON <i>Well ID: 7220785</i>	W	175.02	18
	ON <i>Well ID: 7220786</i>	NW	241.33	29



Map : 0.25 Kilometer Radius

Order No: 20190716085

Address: 393 McArthur Avenue 64819.22, Vanier, ON, K1L 6N5

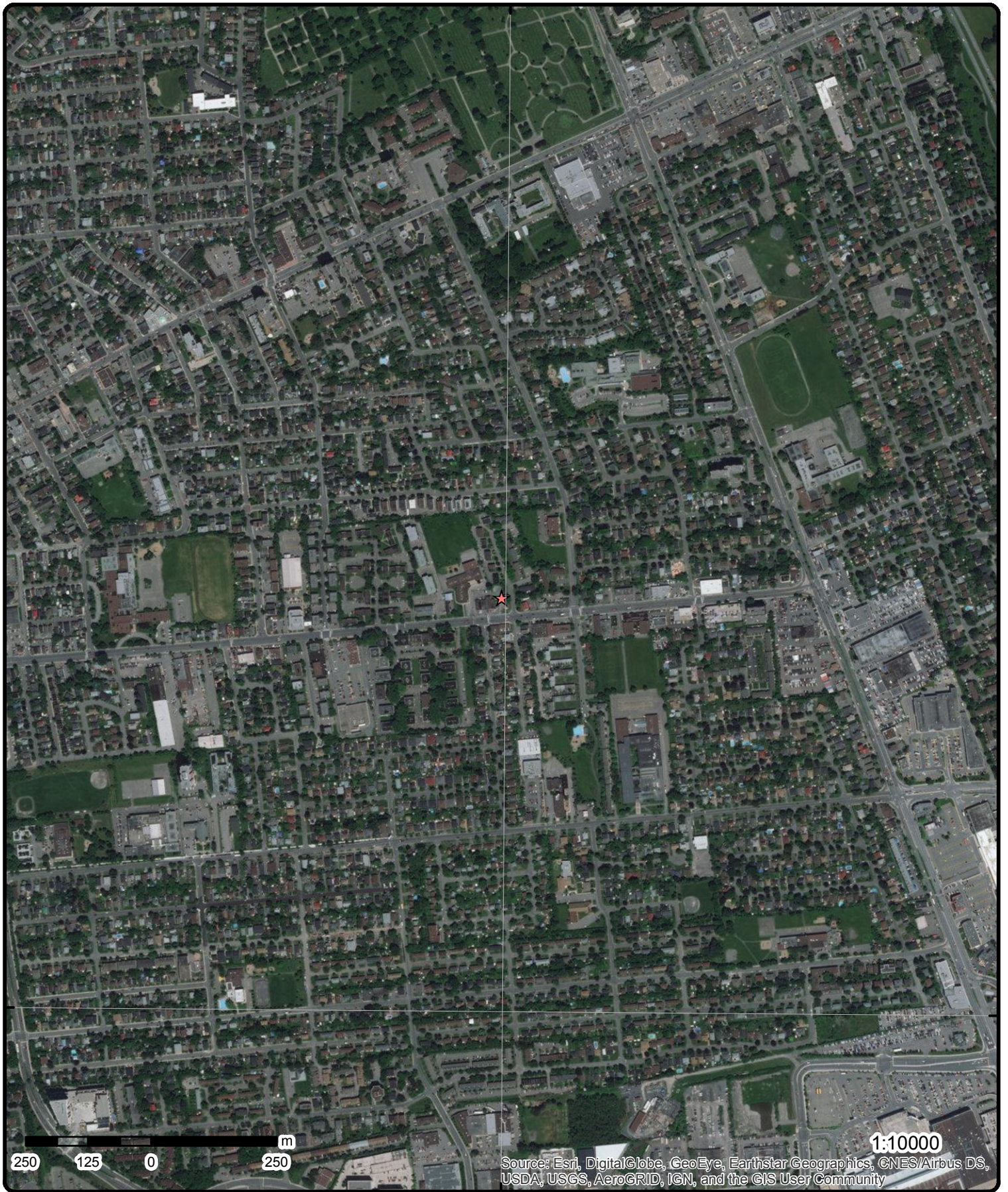


Expressway	Industrial and Resource - Regions	National Park
Principal Highway	Main Line	Provincial or Territorial Park
Secondary Highway	Sidetrack	Other Park
Major Road	Transit Line	Golf Course or Driving Range
Local road	Abandoned Line	Park or Sports Field
Trail		Other Recreation Area
Proposed Road		
Ferry Route/Ice Road		

75°39'W

45°25'30"N

45°25'30"N



Aerial (2017)

Address: 393 McArthur Avenue 64819.22, Vanier, ON, K1L 6N5

Source: ESRI World Imagery

Order No: 20190716085



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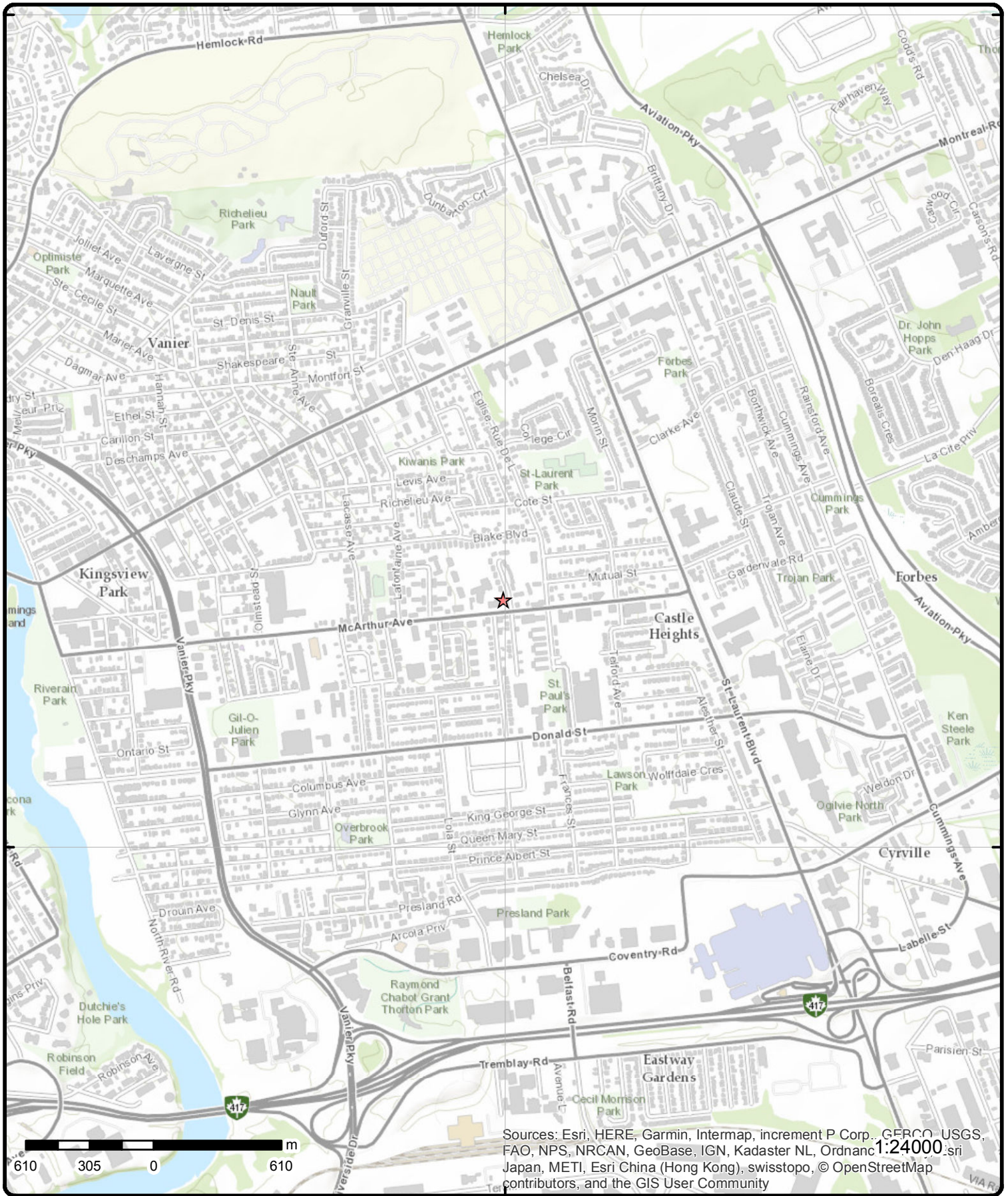
45°27'N

75°39'W

45°27'N

45°25'30"N

45°25'30"N



Topographic Map

Address: 393 McArthur Avenue 64819.22, Vanier, ON, K1L 6N5

Source: ESRI World Topographic Map

Order No: 20190716085



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	WSW/19.9	59.9 / -0.31	McArthur Tailor & Dry Cleaning 387 McArthur Ave Vanier ON K1L 6N5	SCT
<p>Established: Plant Size (ft²): Employment:</p> <p>--Details-- Description: Men's and Boys' Cut and Sew Suit, Coat and Overcoat Manufacturing SIC/NAICS Code: 315222</p> <p>Description: Dry Cleaning and Laundry Services (except Coin-Operated) SIC/NAICS Code: 812320</p>					
<u>2</u>	1 of 2	WSW/43.9	59.9 / -0.27	Ray-Tek Printing Inc. 377 McArthur Ave Ottawa ON K1L 6N5	SCT
<p>Established: 9/1/1993 Plant Size (ft²): Employment:</p> <p>--Details-- Description: Digital Printing SIC/NAICS Code: 323115</p> <p>Description: Other Printing SIC/NAICS Code: 323119</p> <p>Description: Business Service Centres SIC/NAICS Code: 561430</p>					
<u>2</u>	2 of 2	WSW/43.9	59.9 / -0.27	Ray-Tek Printing Inc. 377 McArthur Ave Vanier ON K1L 6N5	SCT
<p>Established: 01-AUG-93 Plant Size (ft²): Employment:</p> <p>--Details-- Description: Digital Printing SIC/NAICS Code: 323115</p> <p>Description: Other Printing SIC/NAICS Code: 323119</p> <p>Description: Business Service Centres SIC/NAICS Code: 561430</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 8	S/67.3	60.2 / 0.00	RICHMOND TECHNICAL SERVICES MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	GEN
Generator No:	ON0869111			PO Box No:	
Status:				Country:	
Approval Years:	86,87,88,89,90,99,00,01,02,03,04			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8682				
SIC Description:	RADIOLOGICAL LAB.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
3	2 of 8	S/67.3	60.2 / 0.00	RICHMOND TECHNICAL SERVICES 390 MCARTHUR AVENUE MCARTHUR MEDICAL CENTRE VANIER ON K1L 6N6	GEN
Generator No:	ON0869111			PO Box No:	
Status:				Country:	
Approval Years:	92,93,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8682				
SIC Description:	RADIOLOGICAL LAB.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
3	3 of 8	S/67.3	60.2 / 0.00	RICHMOND TECHNICAL SERVICES 33-359 MCARTHUR MEDICAL CENTRE 390 MCARTHUR AVENUE VANIER ON K1L 6N6	GEN
Generator No:	ON0869111			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8682				
SIC Description:	RADIOLOGICAL LAB.				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
3	4 of 8	S/67.3	60.2 / 0.00	MCARTHUR MEDICAL CENTER 390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON4382236			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>3</u>	5 of 8	S/67.3	60.2 / 0.00	MCARTHUR MEDICAL CENTER 390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	GEN
Generator No:	ON4382236			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>3</u>	6 of 8	S/67.3	60.2 / 0.00	MCARTHUR MEDICAL CENTER 390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	GEN
Generator No:	ON4382236			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>3</u>	7 of 8	S/67.3	60.2 / 0.00	MCARTHUR MEDICAL CENTER 390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	GEN
Generator No:	ON4382236			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			

<u>3</u>	8 of 8	S/67.3	60.2 / 0.00	MCARTHUR MEDICAL CENTER 390 MCARTHUR AVENUE OTTAWA ON K1L 6N6	GEN
Generator No:		ON4382236		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Mar 2019		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

<u>4</u>	1 of 1	SSW/93.6	59.9 / -0.31	lot 7 ON	WWIS
Well ID:		1500394		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 2/15/1950	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1107	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY (GLOUCESTER)	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 007	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name: JG	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:		10022439		Elevation: 60.570388	
DP2BR:		14		Elevrc:	
Spatial Status:				Zone: 18	
Code OB:		r		East83: 449130.7	
Code OB Desc:		Bedrock		North83: 5031102	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 5	
Date Completed:		6/10/1949		UTMRC Desc: margin of error : 100 m - 300 m	
Remarks:				Location Method: p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930989156			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930989158			
Layer:		3			
Color:		8			
General Color:		BLACK			
Mat1:		19			
Most Common Material:		SLATE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		14			
Formation End Depth:		64			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930989157			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10571009			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:	1				
<u>Construction Record - Casing</u>					
Casing ID:	930037813				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	64				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930037812				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	16				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991500394				
Pump Set At:					
Static Level:	1				
Final Level After Pumping:	41				
Recommended Pump Depth:					
Pumping Rate:	8				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933452911				
Layer:	1				
Kind Code:	3				
Kind:	SULPHUR				
Water Found Depth:	64				
Water Found Depth UOM:	ft				

<u>5</u>	1 of 1	SW/98.4	59.4 / -0.76	374 Mcarthur Avenue Ottawa ON	EHS
Order No:	20141127022			Nearest Intersection:	
Status:	C			Municipality:	Ottawa, Ontario
Report Type:	Standard Report			Client Prov/State:	ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 04-DEC-14 Search Radius (km): .25 Date Received: 27-NOV-14 X: -75.651008 Previous Site Name: Y: 45.43181 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
<u>6</u>	1 of 2	E/111.5	62.9 / 2.69	EDDES BAKERY & PASTRY SHOP 411 MCARTHUR AVE UNIT 6 OTTAWA ON K1K 1G7	SCT
Established: 1979 Plant Size (ft²): Employment: 12 --Details-- Description: BREAD & OTHER BAKERY PRODUCTS, EXCEPT COOKIES & CRACKERS SIC/NAICS Code: 2051					
<u>6</u>	2 of 2	E/111.5	62.9 / 2.69	CR Printing 411 McArthur Ave Ottawa ON K1K 1G7	SCT
Established: 1994 Plant Size (ft²): Employment: --Details-- Description: Quick Printing SIC/NAICS Code: 323114 Description: Digital Printing SIC/NAICS Code: 323115 Description: Other Printing SIC/NAICS Code: 323119					
<u>7</u>	1 of 1	SE/111.8	62.6 / 2.39	404 McArthur Ottawa ON	EHS
Order No: 20101201033 Nearest Intersection: Status: C Municipality: Report Type: Standard Report Client Prov/State: ON Report Date: 12/7/2010 Search Radius (km): 0.25 Date Received: 12/1/2010 1:53:48 PM X: -75.648922 Previous Site Name: Y: 45.431835 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
<u>8</u>	1 of 1	SW/113.5	59.4 / -0.76	ON	BORE
Borehole ID: 613601 Inclin FLG: No OGF ID: 215514844 SP Status: Initial Entry Status: Surv Elev: No Type: Borehole Piezometer: No Use: Primary Name: Completion Date: MAY-1956 Municipality:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 4.9 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 63.2 Elev Reliabil Note: DEM Ground Elev m: 60.2 Concession: Location D: Survey D: Comments:				Lot: Township: Latitude DD: 45.431677 Longitude DD: -75.651093 UTM Zone: 18 Easting: 449071 Northing: 5031112 Location Accuracy: Accuracy: Not Applicable	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218395788 Top Depth: 1.7 Bottom Depth: 2.3 Material Color: Material 1: Silt Material 2: Sand Material 3: Material 4: Gsc Material Description: Stratum Description: SILT. SOFT.				Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395790 Top Depth: 2.4 Bottom Depth: 4.9 Material Color: Red Material 1: Till Material 2: Shale Material 3: Material 4: Gsc Material Description: Stratum Description: TILL. WEATHERED. 00000001000550080007504200080070 00000 010 00060 040 00125 043 00 **Note: Many records provided by the department have a truncated [Stratum Description] field.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395789 Top Depth: 2.3 Bottom Depth: 2.4 Material Color: Material 1: Bedrock Material 2: Shale Material 3: Material 4: Gsc Material Description: Stratum Description: BEDROCK.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395787 Top Depth: 0 Bottom Depth: 1.7 Material Color: Material 1: Organic Material 2: Humus Material 3: Clay Material 4: Gsc Material Description: Stratum Description: ORGANIC.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: organic	

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 061090 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator

<u>9</u>	1 of 4	SE/119.1	62.9 / 2.69	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED 400 MCARTHUR AVE OTTAWA ON K1K 1G8	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	Limited Vendor 23			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

<u>9</u>	2 of 4	SE/119.1	62.9 / 2.69	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED 400 MCARTHUR AVE OTTAWA ON K1K 1G8	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District:	Vendor			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County: Trade Name: PDF Link:				SWP Area Name:	
9	3 of 4	SE/119.1	62.9 / 2.69	GIANT TIGER STORE # 36 - MCARTHUR TIGER LIMITED 400 MCARTHUR AVE OTTAWA ON K1K1G8	PES
Detail Licence No: Licence No: 13526 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 7443587 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
9	4 of 4	SE/119.1	62.9 / 2.69	City of Ottawa 400 McArthur Avenue Ottawa ON K1L 6N6	SPL
Ref No: 3628-9J7LXP Site No: NA Incident Dt: 2014/04/15 Year: Incident Cause: Fire/Explosion Incident Event: Contaminant Code: 46 Contaminant Name: DOUSE WATER (PARTICULATE CONTAMINANT) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Other Impact(s) Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 2014/04/15 Dt Document Closed: 2014/11/04 Incident Reason: Equipment Failure Site Name: Vehicle<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty: 40 L		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Sewer (Private or Municipal) Agency Involved: Nearest Watercourse: Site Address: 400 McArthur Avenue Site District Office: Site Postal Code: K1L 6N6 Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>10</u>	1 of 1	SW/122.2	58.9 / -1.31	ON	BORE
Borehole ID:	613602			Inclin FLG:	No
OGF ID:	215514845			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.431765
Total Depth m:	-999			Longitude DD:	-75.65135
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449051
Drill Method:				Northing:	5031122
Orig Ground Elev m:	64			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	60.2				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218395792			Mat Consistency:	
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	2.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT.				
Geology Stratum ID:	218395791			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Humus			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	HUMUS.				
Geology Stratum ID:	218395793			Mat Consistency:	Compact
Top Depth:	2.4			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Red			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TILL. COMPACT. ILL. WEATHERED. 00000001000550080007504200080070 00000 010 00060 040 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 061100 NTS_Sheet: 31G05G				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

11	1 of 1	SSW/126.7	59.9 / -0.31	Ottawa ON	WWIS
Well ID:	7240752			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	4/30/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	7
Audit No:	Z191608			Owner:	
Tag:	A156907			Street Name:	374 MCARTHUR AVENUE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005334683			Elevation:	60.143318
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	449088
Code OB Desc:				North83:	5031083
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/27/2015			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005556872

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		0.2			
Formation End Depth:		1.05			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005556873			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		1.05			
Formation End Depth:		5.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005556871			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.2			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005556880			
Layer:		1			
Plug From:		1			
Plug To:		3.9			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 1005556870
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1005556876
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 4.2
 Casing Diameter: 3.18
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005556877
 Layer: 1
 Slot: 10
 Screen Top Depth: 4.2
 Screen End Depth: 5.1
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 3.89

Water Details

Water ID: 1005556875
 Layer: 1
 Kind Code: 8
 Kind: Untested
 Water Found Depth: 1.8
 Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005556874
 Diameter: 8.89
 Depth From: 0
 Depth To: 5.1
 Hole Depth UOM: m
 Hole Diameter UOM: cm

12	1 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
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Generator No:	ON3066107	PO Box No:
Status:		Country:
Approval Years:	2009	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No Admin:
SIC Code:	611110	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
12	2 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:		ON3066107		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
12	3 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:		ON3066107		PO Box No:	
Status:				Country:	
Approval Years:		2011		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
12	4 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:		ON3066107		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	5 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON	GEN
Generator No:	ON3066107			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Detail(s)					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
12	6 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:	ON3066107			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Detail(s)					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
12	7 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:	ON3066107			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
Detail(s)					
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
12	8 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board 373 McArthur Avenue Vanier ON K1L 6N5	GEN
Generator No:	ON3066107			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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SIC Description: ELEMENTARY AND SECONDARY SCHOOLS

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

12	9 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board Health & Safety 373 McArthur Avenue Vanier ON K1L 6N5	GEN
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Generator No:	ON3066107	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

12	10 of 10	NW/129.5	59.2 / -1.00	Ottawa-Carleton District School Board Health & Safety 373 McArthur Avenue Vanier ON K1L 6N5	GEN
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Generator No:	ON3066107	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Mar 2019	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

13	1 of 1	N/146.9	60.8 / 0.66	368 Belisle Street Ottawa ON	EHS
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Order No:	20080805045	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	8/7/2008	Search Radius (km):	0.25
Date Received:	8/5/2008	X:	-75.650326
Previous Site Name:		Y:	45.433782
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

14	1 of 4	NE/152.2	62.5 / 2.36	780 Church St. Vanier ON	EHS
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Order No:	20001003004	Nearest Intersection:	Church and Guy St
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	C			Municipality: RMOC	
Report Type:	Basic Report			Client Prov/State: ON	
Report Date:	10/6/00			Search Radius (km): 0.25	
Date Received:	10/3/00			X: -75.648491	
Previous Site Name:	former a school			Y: 45.433651	
Lot/Building Size:	site is west of T intersection				
Additional Info Ordered:					

14	2 of 4	NE/152.2	62.5 / 2.36	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE NOTRE-DAME-DE-LA-JOIE 780, RUE CHURCH OTTAWA ON K1K 3K7	GEN
Generator No:	ON1285713			PO Box No:	
Status:				Country:	
Approval Years:	93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
Detail(s)					
Waste Class:	243				
Waste Class Desc:	PCB'S				

14	3 of 4	NE/152.2	62.5 / 2.36	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	GEN
Generator No:	ON1285713			PO Box No:	
Status:				Country:	
Approval Years:	99,00			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
Detail(s)					
Waste Class:	243				
Waste Class Desc:	PCB'S				

14	4 of 4	NE/152.2	62.5 / 2.36	CONSEIL (OUT OF BUSINESS)IQUES DE LANGUE NOTRE-DAME-DE-LA-JOIE 780 RUE CHURCH OTTAWA ON K1K 3K7	GEN
Generator No:	ON1285713			PO Box No:	
Status:				Country:	
Approval Years:	01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
Detail(s)					
Waste Class:	243				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PCB'S			
15	1 of 1	WSW/158.9	58.9 / -1.31	362 McArthur OTTAWA ON	HINC
External File Num:		FS INC 0609-02718			
Fuel Occurrence Type:		Vapour Release			
Date of Occurrence:		9/22/2006			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Multi-unit Residential			
Service Interruptions:		Yes			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:Yes Procedures:No Maintenance:Yes Design:No Training:No Management:No Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
16	1 of 2	E/161.7	63.9 / 3.69	415 MCARTHUR AVENUE, OTTAWA ON K1K 1G5	INC
Incident No:		166570			
Incident ID:		2317462			
Attribute Category:		FS-Incident			
Status Code:		Causal Analysis Complete			
Incident Location:		415 MCARTHUR AVENUE, OTTAWA - 1/2" PIPELINE HIT			
Drainage System:					
Sub Surface Contam.:					
Aff. Prop. Use Water:					
Contam. Migrated:					
Contact Natural Env.:					
Near Body of Water:					
Approx. Quant. Rel.:					
Equipment Model:					
Serial No:					
Residential App. Type:					
Commercial App. Type:					
Industrial App. Type:					
Institutional App. Type:					
Venting Type:					
Vent Connector Mater:					
Vent Chimney Mater:					
Pipeline Type:		Service / Riser Distribution Pipeline			
Pipeline Involved:					
Pipe Material:		Plastic			
Depth Ground Cover:		18			
Regulator Location:		Outside			
Regulator Type:		Service Regulator (up to 60 psi intake)			
Operation Pressure:		45			
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Equipment Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Cylinder Capacity:
 Cylinder Capac. Units:
 Cylinder Material Type:
 Tank Capacity:
 Fuels Occurrence Type:
 Fuel Type Involved:
 Date of Occurrence:
 Time of Occurrence:
 Occur Insp Start Date:
 Any Health Impact:
 Any Environmental Impact:
 Was Service Interrupted:
 Was Property Damaged:
 Operation Type Involved:
 Enforcement Policy:
 Prc Escalation Required:
 Task No:
 Notes:
 Occurrence Narrative:
 Tank Material Type:
 Tank Storage Type:
 Tank Location Type:
 Pump Flow Rate Capac:
 Liquid Prop Notes:

N/A

16	2 of 2	E/161.7	63.9 / 3.69	Enbridge Gas Distribution Inc. 415 McArthur ave Ottawa ON K1K 1G5	SPL
Ref No:	8172-7VAMHY			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Other Discharges			Sector Type:	Pipeline
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/26/2009			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Error- Operator error			Source Type:	
Site Name:	Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Enbridge, 0.5 inch line strike road closed, safe				
Contaminant Qty:	0 other - see incident description				

17	1 of 1	ESE/174.9	63.9 / 3.69	414 McArthur Avenue Ottawa ON K1K 1G5	EHS
Order No:	20180706036			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	12-JUL-18			Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Received:	06-JUL-18			X:	-75.647961
Previous Site Name:				Y:	45.431933
Lot/Building Size:					
Additional Info Ordered:					

18	1 of 1	W/175.0	58.9 / -1.31	Ottawa ON	WWIS
Well ID:	7220785			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	5/27/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7328
Casing Material:				Form Version:	7
Audit No:	Z171276			Owner:	
Tag:	A122865			Street Name:	353 MCARTHUR AVENUE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1004779189	Elevation:	60.147132
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	448977
Code OB Desc:		North83:	5031166
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	9/7/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005172821
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0.84
Formation End Depth:	1.65

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005172820			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0.05			
Formation End Depth:		0.84			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005172822			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		1.65			
Formation End Depth:		4.88			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005172819			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.05			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005172823			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:					
Most Common Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4.88			
Formation End Depth:					
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005172830			
Layer:		1			
Plug From:		0			
Plug To:		1.2			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005172818			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005172826			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.8			
Casing Diameter:		3.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005172827			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.8			
Screen End Depth:		4.88			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		3.8			
<u>Water Details</u>					
Water ID:		1005172825			
Layer:		1			
Kind Code:		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind: Water Found Depth: Water Found Depth UOM:		Untested 2.5 m			
<u>Hole Diameter</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1005172824 8.89 0 4.88 m cm			
19	1 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		10299223 FS Facility EXPIRED 3/2/2012 7:57			
19	2 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11608205 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 8/11/2014 11:11:49 AM			
19	3 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP
Instance No: Instance ID: Instance Type: Description: Status: TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:		11608178 FS Liquid Fuel Tank FS Gasoline Station - Full Serve EXPIRED FS Liquid Fuel Tank 8/11/2014 11:11:24 AM			
19	4 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Instance No: 11608163 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 8/4/2014 11:17:34 AM</p>					
19	5 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP
<p>Instance No: 11608235 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 8/11/2014 11:18:44 AM</p>					
19	6 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	EXP
<p>Instance No: 63357529 Instance ID: Instance Type: FS Liquid Fuel Tank Description: FS Gasoline Station - Full Serve Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: FS Liquid Fuel Tank Expired Date: 8/11/2014 11:10:39 AM</p>					
19	7 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD ATT JAY IYENGAR 414 MCARTHUR AVE OTTAWA ON K1K 1G6	FSTH
<p>License Issue Date: 1/18/2002 Tank Status: Licensed Tank Status As Of: August 2007 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Full Serve</p>					
--Details--					
Status: Active					
Year of Installation: 1990					
Corrosion Protection:					
Capacity: 22700					
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Active					
Year of Installation: 1990					
Corrosion Protection:					
Capacity: 25000					
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 13600 Tank Fuel Type: Liquid Fuel Single Wall UST - Other					
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 13600 Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel					
19	8 of 10	ESE/177.3	63.9 / 3.69	1067323 ONTARIO LTD O/A GAS STN 414 MCARTHUR AVE OTTAWA ON K1K 1G6	FSTH
License Issue Date: 1/18/2002 Tank Status: Licensed Tank Status As Of: December 2008 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Full Serve					
--Details--					
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 22700 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 25000 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 13600 Tank Fuel Type: Liquid Fuel Single Wall UST - Other					
Status: Active Year of Installation: 1990 Corrosion Protection: Capacity: 13600 Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel					
19	9 of 10	ESE/177.3	63.9 / 3.69	SUNYS PETROLEUM INC 414 MCARTHUR RD OTTAWA ON K1K1G6	PRT
Location ID: 10996 Type: retail Expiry Date: 1995-12-31 Capacity (L): 97600 Licence #: 0015516001					
19	10 of 10	ESE/177.3	63.9 / 3.69	ECONO GAS BAR	RST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
414 MCARTHUR AVE OTTAWA ON K1K 1G6					
Headcode:		01186800			
Headcode Desc:		SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS			
Phone:					
List Name:					
Description:					
<u>20</u>	1 of 1	W/185.2	58.9 / -1.31	3-19 Eastwood Place, 331, 335, 339 McArthur Avenue Ottawa ON	EHS
Order No:		20080411011		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State: ON	
Report Date:		4/21/2008		Search Radius (km): 0.25	
Date Received:		4/11/2008		X: -75.652452	
Previous Site Name:				Y: 45.432304	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans			
<u>21</u>	1 of 1	WSW/188.4	58.9 / -1.31	358 McARTHUR AVENUE OTTAWA ON	HINC
External File Num:		FS INC 0712-07605			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		12/11/2007			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - No Action Required			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Construction Site (pipeline strike)			
Service Interruptions:		No			
Property Damage:		No			
Fuel Life Cycle Stage:		Transmission, Distribution and Transportation			
Root Cause:					
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
<u>22</u>	1 of 2	WSW/207.1	58.9 / -1.31	350 McARTHUR AVENUE OTTAWA ON	HINC
External File Num:		FS INC 0711-07185			
Fuel Occurrence Type:		Leak			
Date of Occurrence:		11/28/2007			
Fuel Type Involved:		Fuel Oil			
Status Desc:		Completed - Causal Analysis(End)			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Multi-unit Residential			
Service Interruptions:		No			
Property Damage:		Yes			
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:Yes Procedures:No Maintenance:Yes Design:Yes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Training:No Management:No Human Factors:Yes</p> <p>Reported Details: Fuel Category: Liquid Fuel Occurrence Type: Incident Affiliation: Member of the General Public County Name: Ottawa Approx. Quant. Rel: 0 Nearby body of water: Unknown Enter Drainage Syst.: Unknown Approx. Quant. Unit: Liters Environmental Impact: Referred file back to MOE as the leak has migrated off-site.</p>					
22	2 of 2	WSW/207.1	58.9 / -1.31	350 McARTHUR AVENUE OTTAWA ON	HINC
<p>External File Num: FS INC 0711-07231 Fuel Occurrence Type: Liquid Petroleum Spill Date of Occurrence: 11/29/2007 Fuel Type Involved: Used / Waste / Lube Oil Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc) Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:No E</p> <p>Reported Details: Fuel Category: Liquid Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:</p>					
23	1 of 1	WNW/212.8	58.9 / -1.31	N R Construction Co. Ltd.<UNOFFICIAL> 15 Eastwood Place Ottawa ON K1L 6X1	SPL
<p>Ref No: 7207-9WD42Y Site No: NA Incident Dt: 5/9/2015 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 15 Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Land Receiving Medium: Receiving Env: MOE Response: Y Dt MOE Arvl on Scn: 5/11/2015 MOE Reported Dt: 5/9/2015 Dt Document Closed: 5/25/2015 Incident Reason: Equipment Failure</p> <p>Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: 15 Eastwood Place Site District Office: Site Postal Code: K1L 6X1 Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5031253 Easting: 448887 Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Name:		Residential Eastwood Place<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		NandR, 50L Hydraulic Oil, to pit, clnd			
Contaminant Qty:		50 L			
24	1 of 16	ESE/217.4	65.6 / 5.39	420 McArthur Ave Ottawa ON K1K1G6	EHS
Order No:		20140807053		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State: ON	
Report Date:		13-AUG-14		Search Radius (km): .25	
Date Received:		07-AUG-14		X: -75.647417	
Previous Site Name:				Y: 45.431895	
Lot/Building Size:					
Additional Info Ordered:					
24	2 of 16	ESE/217.4	65.6 / 5.39	Fred Trotter Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:		ON6329005		PO Box No:	
Status:				Country: Canada	
Approval Years:		2016		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Valerie Gougeon	
MHSW Facility:		No		Phone No Admin: 613-745-8688 Ext.	
SIC Code:		321919			
SIC Description:		OTHER MILLWORK			
Detail(s)					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
24	3 of 16	ESE/217.4	65.6 / 5.39	Fred Trotter Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:		ON6329005		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Valerie Gougeon	
MHSW Facility:		No		Phone No Admin: 613-745-8688 Ext.	
SIC Code:		321919			
SIC Description:		OTHER MILLWORK			
Detail(s)					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
24	4 of 16	ESE/217.4	65.6 / 5.39	F. Trotter Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:		ON6329005		PO Box No:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_ADMIN	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 321919	OTHER MILLWORK		Co Admin: Phone No Admin:	Valerie Gougeon 613-745-8688 Ext.
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
24	5 of 16	ESE/217.4	65.6 / 5.39	Fred Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6329005 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145 I Wastes from the use of pigments, coatings and paints				
24	6 of 16	ESE/217.4	65.6 / 5.39	Fred Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6329005 Registered As of Mar 2019			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	145 I Wastes from the use of pigments, coatings and paints				
24	7 of 16	ESE/217.4	65.6 / 5.39	U A P INC. 420 MCARTHUR AVE. OTTAWA ON K1K 1G6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0204214 88,89,90 5529	OTHER VEH. PARTS/AC.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	121 ALKALINE WASTES - HEAVY METALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
24	8 of 16	ESE/217.4	65.6 / 5.39	U A P (OUT OF BUS) 39-301 420 MCARTHUR AVE. OTTAWA ON K1K 1G6	GEN
Generator No:	ON0204214			PO Box No:	
Status:				Country:	
Approval Years:	92,93,95,96,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5529				
SIC Description:	OTHER VEH. PARTS/AC.				
<u>Detail(s)</u>					
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
24	9 of 16	ESE/217.4	65.6 / 5.39	U A P INC. 39-301 420 MCARTHUR AVE. OTTAWA ON K1K 1G6	GEN
Generator No:	ON0204214			PO Box No:	
Status:				Country:	
Approval Years:	94			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5529				
SIC Description:	OTHER VEH. PARTS/AC.				
<u>Detail(s)</u>					
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			
24	10 of 16	ESE/217.4	65.6 / 5.39	UAP INC. (OUT OF BUSINESS) 420 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON0204214			PO Box No:	
Status:				Country:	
Approval Years:	98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	5529				
SIC Description:	OTHER VEH. PARTS/AC.				
<u>Detail(s)</u>					
Waste Class:		253			
Waste Class Desc:		EMULSIFIED OILS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
24	11 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:	ON6329005			PO Box No:	
Status:				Country:	
Approval Years:	04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321919				
SIC Description:	Other Millwork				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
24	12 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:	ON6329005			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321919				
SIC Description:	Other Millwork				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
24	13 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:	ON6329005			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	321919				
SIC Description:	Other Millwork				
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
24	14 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No:	ON6329005			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2011 321919	Other Millwork		Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
24	15 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON K1K 1G6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6329005 2012 321919	Other Millwork		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
24	16 of 16	ESE/217.4	65.6 / 5.39	F. Trottier Construction Ltd. 420 McArthur Avenue Ottawa ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6329005 2013 321919	OTHER MILLWORK		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
25	1 of 1	WSW/230.5	58.9 / -1.31	GREELY CONSTRUCTION MCARTHUR AVENUE @ IRWIN MILLER STREET OTTAWA ON K1L 6V8	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON9943212 2014 No No 237110	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL
<u>Detail(s)</u>					
Waste Class:		221			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		LIGHT FUELS			
26	1 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
Detail(s)					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
26	2 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
Detail(s)					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
26	3 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
26	4 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:		ON1108401		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2018		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		264 L			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
26	5 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:		ON1108401		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Mar 2019		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		264 L			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	6 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 05-924 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0211				
SIC Description:	VETERINARY SERVICE				
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

26	7 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0211				
SIC Description:	VETERINARY SERVICE				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

26	8 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
26	9 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
Detail(s)					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
26	10 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				
Detail(s)					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
26	11 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON K1K 1G6	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	Veterinary Services				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

<u>26</u>	12 of 12	ESE/234.9	65.9 / 5.69	BYTOWN CAT HOSPITAL 422 MCARTHUR AVENUE OTTAWA ON	GEN
Generator No:	ON1108401			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	541940				
SIC Description:	VETERINARY SERVICES				

<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

<u>27</u>	1 of 2	NE/238.4	63.8 / 3.61	ON	BORE
Borehole ID:	613645			Inclin FLG:	No
OGF ID:	215514876			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1950			Municipality:	
Static Water Level:	12.2			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.434123
Total Depth m:	23.5			Longitude DD:	-75.648244
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449296
Drill Method:				Northing:	5031382
Orig Ground Elev m:	64			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	63.3				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218395978			Mat Consistency:	
Top Depth:	0			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	4.6 Clay	CLAY.		Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395979 4.6 23.5 Red Bedrock			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		BEDROCK. 00045RED. BEDROCK. BEDROCK. BEDROCK. BEDROCK. WATER STABLE AT 169.9 FEET.BEDR			**Note: Many records provided by the department have a truncated [Stratum Description] field.
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 06153 NTS_Sheet:			
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
		Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			
27	2 of 2	NE/238.4	63.8 / 3.61	ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate:	1508224 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/23/1951 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
<u>Bore Hole Information</u>					
Bore Hole ID:	10030259			Elevation:	63.296501
DP2BR:	15			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	449295.7
Code OB Desc:	Bedrock			North83:	5031382
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/28/1950			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009105				
Layer:	2				
Color:					
General Color:					
Mat1:	26				
Most Common Material:	ROCK				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	15				
Formation End Depth:	77				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931009104				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10578829			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053175			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		77			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053174			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		15			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508224			
Pump Set At:					
Static Level:		36			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462644			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			
28	1 of 1	ESE/238.9	65.9 / 5.69	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	613606			Inclin FLG:	No
OGF ID:	215514848			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	FEB-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.431879
Total Depth m:	5.8			Longitude DD:	-75.647132
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	449381
Drill Method:				Northing:	5031132
Orig Ground Elev m:	64.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	64.4				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218395811			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL.				
Geology Stratum ID:	218395815			Mat Consistency:	
Top Depth:	2			Material Moisture:	
Bottom Depth:	4.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK.				
Geology Stratum ID:	218395816			Mat Consistency:	Stiff
Top Depth:	4.3			Material Moisture:	
Bottom Depth:	5.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Shale			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. 00000 010 00020 022 00025 013 00040 006 00065 010 000200210002502800 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218395812			Mat Consistency:	Stiff
Top Depth:	.6			Material Moisture:	
Bottom Depth:	.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		CLAY. BROWN,GREY,VERY STIFF.			
Geology Stratum ID:	218395813			Mat Consistency:	Dense
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND. DENSE.			
Geology Stratum ID:	218395814			Mat Consistency:	Dense
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		TILL. DENSE.			
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 061140 NTS_Sheet: 31G05G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
29	1 of 1	NW/241.3	58.9 / -1.31	ON	WWIS
Well ID:	7220786			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	5/27/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	7328
Casing Material:				Form Version:	7
Audit No:	Z171278			Owner:	
Tag:	A122865			Street Name:	359 MCARTHUR AVENUE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1004779192 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 8/17/2012 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 60.168155 Elevrc: Zone: 18 East83: 448958 North83: 5031340 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005172835 Layer: 4 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 05 Other Materials: CLAY Mat3: 17 Other Materials: SHALE Formation Top Depth: 2.21 Formation End Depth: 4.57 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005172834 Layer: 3 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: 01 Other Materials: FILL Mat3: 84 Other Materials: SILTY Formation Top Depth: 1.45 Formation End Depth: 2.21 Formation End Depth UOM: m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1005172832					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.08			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005172833			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Other Materials:		FILL			
Mat3:		84			
Other Materials:		SILTY			
Formation Top Depth:		0.08			
Formation End Depth:		1.45			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005172842			
Layer:		1			
Plug From:		0			
Plug To:		2.6			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005172831			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005172838			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		3.1			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005172839			
Layer:		1			
Slot:		10			
Screen Top Depth:		3			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		3.8			
<u>Water Details</u>					
Water ID:		1005172837			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		1.65			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005172836			
Diameter:		20			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

30	1 of 18	ESE/248.0	65.6 / 5.39	Ottawa-Carleton District School Board 485 Donald St Ottawa ON K2H 6L3	ECA
Approval No:	1794-8LYQRA			MOE District: Ottawa	
Approval Date:	2011-09-30			City:	
Status:	Approved			Longitude: -75.64667	
Record Type:	ECA			Latitude: 45.430347	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	485 Donald St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0399-8JPPUC-14.pdf				

30	2 of 18	ESE/248.0	65.6 / 5.39	OTTAWA BOARD OF EDUCATION MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	86,87,88,92,93,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		ELEMT./SECON. EDUC.			
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

<u>30</u>	3 of 18	ESE/248.0	65.6 / 5.39	OTTAWA BOARD OF EDUCATION MCARTHUR HIGH SHL. 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	89,90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

<u>30</u>	4 of 18	ESE/248.0	65.6 / 5.39	OTTAWA BOARD OF EDUCATION 29-469	GEN
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MCARTHUR HIGH SHL., 485 DONALD ST. C/O 330 GILMOUR ST. OTTAWA ON K1K 1L8	
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:		ELEMT./SECON. EDUC.			
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

<u>30</u>	5 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD MCARTHUR HIGH SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:		ELEMT./SECON. EDUC.			
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class:</i>		221			
<i>Waste Class Desc:</i>		LIGHT FUELS			
<i>Waste Class:</i>		241			
<i>Waste Class Desc:</i>		HALOGENATED SOLVENTS			
<i>Waste Class:</i>		251			
<i>Waste Class Desc:</i>		OIL SKIMMINGS & SLUDGES			
<i>Waste Class:</i>		252			
<i>Waste Class Desc:</i>		WASTE OILS & LUBRICANTS			
<i>Waste Class:</i>		263			
<i>Waste Class Desc:</i>		ORGANIC LABORATORY CHEMICALS			

<u>30</u>	6 of 18	<i>ESE/248.0</i>	<i>65.6 / 5.39</i>	<i>OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL LEARNING CENTRE 485 DONALD STREET OTTAWA ON K1K 1L8</i>	<i>GEN</i>
<i>Generator No:</i>	ON0375203			<i>PO Box No:</i>	
<i>Status:</i>				<i>Country:</i>	
<i>Approval Years:</i>	02,03,04,05,06,07,08			<i>Choice of Contact:</i>	
<i>Contam. Facility:</i>				<i>Co Admin:</i>	
<i>MHSW Facility:</i>				<i>Phone No Admin:</i>	
<i>SIC Code:</i>	611110				
<i>SIC Description:</i>	Elementary & Secondary Schools				

Detail(s)

<i>Waste Class:</i>	146				
<i>Waste Class Desc:</i>	OTHER SPECIFIED INORGANICS				
<i>Waste Class:</i>	121				
<i>Waste Class Desc:</i>	ALKALINE WASTES - HEAVY METALS				
<i>Waste Class:</i>	145				
<i>Waste Class Desc:</i>	PAINT/PIGMENT/COATING RESIDUES				
<i>Waste Class:</i>	148				
<i>Waste Class Desc:</i>	INORGANIC LABORATORY CHEMICALS				
<i>Waste Class:</i>	212				
<i>Waste Class Desc:</i>	ALIPHATIC SOLVENTS				
<i>Waste Class:</i>	213				
<i>Waste Class Desc:</i>	PETROLEUM DISTILLATES				
<i>Waste Class:</i>	221				
<i>Waste Class Desc:</i>	LIGHT FUELS				
<i>Waste Class:</i>	241				
<i>Waste Class Desc:</i>	HALOGENATED SOLVENTS				
<i>Waste Class:</i>	251				
<i>Waste Class Desc:</i>	OIL SKIMMINGS & SLUDGES				
<i>Waste Class:</i>	252				
<i>Waste Class Desc:</i>	WASTE OILS & LUBRICANTS				
<i>Waste Class:</i>	263				
<i>Waste Class Desc:</i>	ORGANIC LABORATORY CHEMICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
30	7 of 18	ESE/248.0	65.6 / 5.39	OTTAWA CARLETON DISTRICT SCHOOL BOARD 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:	ON7183299			PO Box No:	
Status:				Country:	
Approval Years:	05			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611510				
SIC Description:	Technical and Trade Schools				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				

30	8 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	242				
Waste Class Desc:	HALOGENATED PESTICIDES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	145				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
30	9 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:		ON0375203		PO Box No:	
Status:				Country:	
Approval Years:		2010		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
30	10 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL SECONDARY SCHOOL	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				485 DONALD STREET OTTAWA ON K1K 1L8	
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	242				
Waste Class Desc:	HALOGENATED PESTICIDES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
<u>30</u>	11 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

<u>30</u>	12 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON	GEN
Generator No:	ON0375203			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				

<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		121			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

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ESE/248.0

65.6 / 5.39

OTTAWA-CARLETON DISTRICT SCHOOL
BOARD
OTTAWA TECHNICAL SECONDARY SCHOOL
485 DONALD STREET
OTTAWA ON K1K 1L8

GEN

Generator No:	ON0375203	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Greg Benson
MHSW Facility:	No	Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110		
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS		

Detail(s)

Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	261

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

[30](#) 14 of 18 **ESE/248.0** **65.6 / 5.39** **OTTAWA-CARLETON DISTRICT SCHOOL BOARD** **GEN**
OTTAWA TECHNICAL SECONDARY SCHOOL
485 DONALD STREET
OTTAWA ON K1K 1L8

Generator No:	ON0375203	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Greg Benson
MHSW Facility:	No	Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110		
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS		

Detail(s)

Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		LIGHT FUELS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		241			
Waste Class Desc:		HALOGENATED SOLVENTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

[30](#) 15 of 18 **ESE/248.0** **65.6 / 5.39** **OTTAWA-CARLETON DISTRICT SCHOOL BOARD
OTTAWA TECHNICAL SECONDARY SCHOOL
485 DONALD STREET
OTTAWA ON K1K 1L8** **GEN**

Generator No:	ON0375203	PO Box No:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Greg Benson
MHSW Facility:	No	Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110		
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS		

Detail(s)

Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	242

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

30	16 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
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Generator No:	ON0375203	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	146 C
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	146 T

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 B			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 R			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 T			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 B			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 H			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		242 I			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		251 I			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 R			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		264 C			
Waste Class Desc:		Photoprocessing wastes			

30	17 of 18	ESE/248.0	65.6 / 5.39	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety OTTAWA TECHNICAL SECONDARY SCHOOL 485 DONALD STREET OTTAWA ON K1K 1L8	GEN
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Generator No:	ON0375203	PO Box No:	
Status:	Registered	Country:	Canada
Approval Years:	As of Mar 2019	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 148 I
Waste Class Desc: Misc. wastes and inorganic chemicals

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

Waste Class: 242 I
Waste Class Desc: Halogenated pesticides and herbicides

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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

Waste Class: 261 L
Waste Class Desc: Pharmaceuticals

Waste Class: 148 B
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 264 C
Waste Class Desc: Photoprocessing wastes

Waste Class: 263 L
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 148 A
Waste Class Desc: Misc. wastes and inorganic chemicals

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

Waste Class: 263 R
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 213 I

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class Desc:</i>		Petroleum distillates			
<i>Waste Class:</i>		112 C			
<i>Waste Class Desc:</i>		Acid solutions - containing heavy metals			
<i>Waste Class:</i>		148 C			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		263 B			
<i>Waste Class Desc:</i>		Misc. waste organic chemicals			
<i>Waste Class:</i>		146 C			
<i>Waste Class Desc:</i>		Other specified inorganic sludges, slurries or solids			
<i>Waste Class:</i>		251 I			
<i>Waste Class Desc:</i>		Waste oils/sludges (petroleum based)			
<i>Waste Class:</i>		251 L			
<i>Waste Class Desc:</i>		Waste oils/sludges (petroleum based)			
<i>Waste Class:</i>		263 I			
<i>Waste Class Desc:</i>		Misc. waste organic chemicals			
<i>Waste Class:</i>		148 R			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		242 T			
<i>Waste Class Desc:</i>		Halogenated pesticides and herbicides			
<i>Waste Class:</i>		221 I			
<i>Waste Class Desc:</i>		Light fuels			
<i>Waste Class:</i>		121 C			
<i>Waste Class Desc:</i>		Alkaline slutions - containing heavy metals			
<i>Waste Class:</i>		145 L			
<i>Waste Class Desc:</i>		Wastes from the use of pigments, coatings and paints			
<i>Waste Class:</i>		148 T			
<i>Waste Class Desc:</i>		Misc. wastes and inorganic chemicals			
<i>Waste Class:</i>		212 B			
<i>Waste Class Desc:</i>		Aliphatic solvents and residues			

[30](#) 18 of 18 **ESE/248.0** **65.6 / 5.39** **Ottawa-Carleton District School Board** **SPL**
485 Donald Street, Ottawa
Ottawa ON K1K 1L8

Ref No:	3823-6C5HCU	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	5/6/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Unknown	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	Olly water	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt: 5/6/2005 Dt Document Closed: Incident Reason: Site Name: Ottawa Technical Learning Centre<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Ottawa Technical Learning Centre: oily water Contaminant Qty:		Site Map Datum: SAC Action Class: M.C.B.S. - Fuel Safety Source Type:			

31	1 of 1	E/249.3	66.2 / 6.00	ShartyB Productions 427 McArthur Ave Unit 1 Ottawa ON K1K 1G5	SCT
Established: 01-AUG-99 Plant Size (ft²): Employment:					
--Details-- Description: Sound Recording Studios SIC/NAICS Code: 512240					
Description: Record Production SIC/NAICS Code: 512210					

Unplottable Summary

Total: **9** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Ottawa-Carleton District School Board		Ottawa ON	
CA	OTTAWA CITY	BLAKE BLVD.	OTTAWA CITY ON	
ECA	Humanics Universal Inc.	Part of Lot 7	Ottawa ON	K4A 1Z6
ECA	Conseil des Ecoles Catholiques du Centre-Est		Ottawa ON	K1J 1A1
GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	OTTAWA	OTTAWA ON	K1K 1L8
WWIS		lot 7	ON	
WWIS		lot 7	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	

Unplottable Report

Site: Ottawa-Carleton District School Board
Ottawa ON

Database:
CA

Certificate #: 3668-7ZNLJY
Application Year: 2010
Issue Date: 2/11/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
BLAKE BLVD. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1669-89-
Application Year: 89
Issue Date: 8/15/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Humanics Universal Inc.
Part of Lot 7 Ottawa ON K4A 1Z6

Database:
ECA

Approval No: 2541-AK4T53
Approval Date: 2017-03-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 7
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6813-AA2NAF-14.pdf>

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

Site: Conseil des Ecoles Catholiques du Centre-Est
Ottawa ON K1J 1A1

Database:
ECA

Approval No: 1901-8FAKH3
Approval Date: 2011-03-31
Status: Approved
Record Type: ECA

MOE District:
City:
Longitude:
Latitude:

Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8477-8CCSWB-14.pdf>

Site: **CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO**
OTTAWA OTTAWA ON K1K 1L8

Database:
GEN

Generator No: ON1477723 **PO Box No:**
Status: **Country:**
Approval Years: 04 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

Site: **lot 7 ON**

Database:
WWIS

Well ID: 1525154 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Not Used **Date Received:** 11/14/1990
Sec. Water Use: **Selected Flag:** Yes
Final Well Status: Observation Wells **Abandonment Rec:**
Water Type: **Contractor:** 5222
Casing Material: **Form Version:** 1
Audit No: 84367 **Owner:**
Tag: **Street Name:**
Construction Method: **County:** OTTAWA-CARLETON
Elevation (m): **Municipality:** VANIER CITY
Elevation Reliability: **Site Info:**
Depth to Bedrock: **Lot:** 007
Well Depth: **Concession:**
Overburden/Bedrock: **Concession Name:**
Pump Rate: **Easting NAD83:**
Static Water Level: **Northing NAD83:**
Flowing (Y/N): **Zone:**
Flow Rate: **UTM Reliability:**
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: 10046895 **Elevation:**
DP2BR: 12 **Elevrc:**
Spatial Status: **Zone:** 18
Code OB: r **East83:**
Code OB Desc: Bedrock **North83:**
Open Hole: **Org CS:**
Cluster Kind: **UTMRC:** 9
Date Completed: 8/7/1990 **UTMRC Desc:** unknown UTM
Remarks: **Location Method:** na
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931060272
Layer: 2

Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 19
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060271
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 01
Other Materials: FILL
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933111093
Layer: 1
Plug From: 0
Plug To: 13
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595465
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082123
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 13
Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Site:
lot 7 ON

Database:
WWIS

Well ID: 1524618
Construction Date:
Primary Water Use: Cooling And A/C
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 84331
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/21/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 5222
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 007
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046366
DP2BR: 12
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/13/1990
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931058527
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931058526
Layer: 2
Color: 2
General Color: GREY
Mat1: 28

Most Common Material: SAND
Mat2: 08
Other Materials: FINE SAND
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931058525
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Other Materials: LOOSE
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID:
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594936
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081182
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Site:
lot 6 ON

Database:
WWIS

Well ID: 1535511
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17640
Tag:
Construction Method:

Data Entry Status:
Data Src:
Date Received: 5/28/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
Street Name:
County: OTTAWA-CARLETON

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

Municipality: 15000
Site Info:
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316050
DP2BR:
Spatial Status:
Code OB: --
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 4/11/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11330905
Casing No: 1
Comment:
Alt Name:

Site: lot 6 ON

Database:
WWIS

Well ID: 1500388
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/26/1948
Selected Flag: Yes
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:
Lot: 006
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022433
DP2BR: 25
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/14/1947
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 930989142
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 25
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930989141
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930989140
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930989143
Layer: 4
Color:
General Color:
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 59
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 10571003
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037801
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 59
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500388
Pump Set At:
Static Level: 1

Final Level After Pumping: 1
Recommended Pump Depth:
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID: 933452905
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 59
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2018

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2019

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial

[CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal

CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial

CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-Jan 31, 2019

Compressed Natural Gas Stations:

Private

CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Mar 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-May 2019

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Jun 30, 2019

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886 - Oct 2018

Environmental Activity and Sector Registry:

Provincial

EASR

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

Government Publication Date: Oct 2011-Jun 31, 2019

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994-Jun 30, 2019

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011-Jun 31, 2019

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Apr 30, 2019

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of TSSA Expired Facilities:

Provincial [EXP](#)

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-May 2019

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Mar 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial

INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Dec 31, 2018

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2019

Ontario Oil and Gas Wells:

Provincial

OGGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites:

Provincial [OPCB](#)

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

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial [ORD](#)

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

Government Publication Date: 1994-Jun 30, 2019

Canadian Pulp and Paper:

Private [PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal [PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial [PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Mar 2019

TSSA Pipeline Incidents:

Provincial [PINC](#)

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial [PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial [PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Jun 30, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial [REC](#)

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

Government Publication Date: 1986-2016

<u>Record of Site Condition:</u>	Provincial	RSC
<p>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.</p> <p>RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).</p> <p>Government Publication Date: 1997-Sept 2001, Oct 2004-May 2019</p>		
<u>Retail Fuel Storage Tanks:</u>	Private	RST
<p>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.</p> <p>Government Publication Date: 1999-Jan 31, 2019</p>		
<u>Scott's Manufacturing Directory:</u>	Private	SCT
<p>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.</p> <p>Government Publication Date: 1992-Mar 2011*</p>		
<u>Ontario Spills:</u>	Provincial	SPL
<p>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.</p> <p>Government Publication Date: 1988-Feb 2019</p>		
<u>Wastewater Discharger Registration Database:</u>	Provincial	SRDS
<p>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).</p> <p>Government Publication Date: 1990-Dec 31, 2017</p>		
<u>Anderson's Storage Tanks:</u>	Private	TANK
<p>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.</p> <p>Government Publication Date: 1915-1953*</p>		
<u>Transport Canada Fuel Storage Tanks:</u>	Federal	TCFT
<p>List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.</p> <p>Government Publication Date: 1970-Aug 2018</p>		
<u>TSSA Variances for Abandonment of Underground Storage Tanks:</u>	Provincial	VAR
<p>List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.</p> <p>Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.</p> <p>Government Publication Date: Feb 28, 2017</p>		

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Jun 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

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

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

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

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

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

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

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

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



APPENDIX E

City Directory

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property: *393 McArthur Avenue, Vanier, Ontario*
Report Type: *City Directory*
Order No: *20190716085*
Information Source: *Vernon's Ottawa & Area, Ontario Criss-Cross Directory*
Date Completed: *19/07/2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

City Directory Information Source

Vernon's Ottawa & Area, Ontario Criss-Cross Directory

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 2011	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Ottawa Carleton District School Board
381 McArthur Avenue	-Mario's Food Centre
385 McArthur Avenue	-Address Not Listed
387 McArthur Avenue	-McArthur Tailors & Drycleaners
390 McArthur Avenue	-Address Not Listed
400 McArthur Avenue	-Stop N Shop
401 McArthur Avenue	-Dairy Queen

416 McArthur Avenue	-Automotive M -Mastertech Automotive
420 McArthur Avenue	-F Trottier Construction Ltd.
422 McArthur Avenue	-Bytown Cat Hospital -The Joy Of Cats

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 2006-07	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Ottawa Carleton District School Board
381 McArthur Avenue	-Mario's Food Centre
385 McArthur Avenue	-Chanel's Esthetics -Gold Scissors

	-Acapulco Beach Tanning Studio
387 McArthur Avenue	-McArthur Tailors & Dry Cleaning
390 McArthur Avenue	-Physio Centre -Medical Office -P A C Human Kinetics University Of Ottawa
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Transmission Depot -Spark Auto
420 McArthur Avenue	-F Trottier Construction Ltd. -Orbi Architectural & Structural Metals -Megaform Construction Ontario Ltd.
422 McArthur Avenue	-Bytown Cat Hospital -The Joy Of Cats

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario

Year: 2001-02	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Ottawa Carleton District School Board -Robert E Wilson Public School
381 McArthur Avenue	-Mario's Food Centre
385 McArthur Avenue	-Chanel's Esthetics -Gold Scissors -Acapulco Beach Tanning Studio
387 McArthur Avenue	-Address Not Listed
390 McArthur Avenue	-Gamma-Dynacare Laboratories -Pharmacie La Paix
400 McArthur Avenue	-Res (1 Tenant)
401 McArthur Avenue	-Dairy Queen

416 McArthur Avenue	-Ziebart
420 McArthur Avenue	-F Trottier Construction Ltd.
422 McArthur Avenue	-Bytown Cat Hospital -The Joy Of Cats

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1996-97	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Mario's Grocery
385 McArthur Avenue	-Gold Scissors -Acapulco Beach Tanning Studio
387 McArthur Avenue	-McArthur Tailors & Cleaners

390 McArthur Avenue	-Dynacare Laboratories -Medical Office -McArthur X-Ray Clinic
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Mondial Racing
420 McArthur Avenue	-Allkars Automotive Ltd.
422 McArthur Avenue	-Bytown Cat Hospital -The Joy Of Cats

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1992	
Site Listing:	-Address Not Listed
Adjacent Properties:	

373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Mario's Grocery
385 McArthur Avenue	-Gold Scissors
387 McArthur Avenue	-McArthur Tailors & Cleaners
390 McArthur Avenue	-Medical Office -McArthur X-Ray Clinic
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Aditek Printing -Minute Muffler -Tidy Car
420 McArthur Avenue	-Allkars Automotive Ltd.
422 McArthur Avenue	-Bytown Cat Hospital -The Joy Of Cats

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1987	
Site Listing:	-Res (1 Tenant)
Adjacent Properties:	
373 McArthur Avenue	-Robert E Wilson Public School
381 McArthur Avenue	-Mario's Groceries
385 McArthur Avenue	-Luigi's Barber Shop
387 McArthur Avenue	-McArthur Tailors & Cleaners
390 McArthur Avenue	-Medical Office -Paris Pharmacy -McArthur X-Ray Clinic
400 McArthur Avenue	-Giant Tiger Stores Family Clothing
401 McArthur Avenue	-Dairy Queen

416 McArthur Avenue	-Romak Auto Ltd. -McArthur Automobile Ltee
420 McArthur Avenue	-Ottawa United Supply Co -U A P Inc. Auto Parts
422 McArthur Avenue	-Lumiden Electric Elec. Equip. & Sups Rentals

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1981-82	
Site Listing:	-Res (1 Tenant)
Adjacent Properties:	
373 McArthur Avenue	-Robert E Wilson Public School
381 McArthur Avenue	-Food Centre
385 McArthur Avenue	-Luigi's Barber Shop
387 McArthur Avenue	-McArthur Tailors & Cleaners

390 McArthur Avenue	-Medical Office -Paris Pharmacy
400 McArthur Avenue	-Universal Agencies Ltd.
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Address Not Listed
420 McArthur Avenue	-Ottawa United Supply Co
422 McArthur Avenue	-Bisson Electric -Lumiden Electric

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1976	
Site Listing:	-Res (1 Tenant)
Adjacent Properties:	

373 McArthur Avenue	-Robert E Wilson Public School
381 McArthur Avenue	-Food Centre
385 McArthur Avenue	-Luigi's Barber Shop
387 McArthur Avenue	-McArthur Tailors & Cleaners
390 McArthur Avenue	-Vacant
400 McArthur Avenue	-Universal Agencies Ltd.
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Address Not Listed
420 McArthur Avenue	-Vacant
422 McArthur Avenue	-Bisson Electric Ltd. Contrs.

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1971	

Site Listing:	-Res (1 Tenant)
Adjacent Properties:	
373 McArthur Avenue	-Robert E Wilson Public School
381 McArthur Avenue	-Food Centre
385 McArthur Avenue	-Luigi's Barber Shop
387 McArthur Avenue	-McArthur Tailors & Cleaners
390 McArthur Avenue	-Res (1 Tenant)
400 McArthur Avenue	-Universal Agencies Ltd.
401 McArthur Avenue	-Dairy Queen
416 McArthur Avenue	-Res (1 Tenant)
420 McArthur Avenue	-Dom Provisioners Ont. Ltd. Frozen Foods
422 McArthur Avenue	-Bisson Electric Ltd. Elec. Contrs.

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1965	
Site Listing:	-Res (1 Tenant)
Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Natalie Confectionery
385 McArthur Avenue	-Luigi's Barber Shop
387 McArthur Avenue	-McArthur Tailors & Cleaners
390 McArthur Avenue	-Res (1 Tenant)
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Address Not Listed
416 McArthur Avenue	-McArthur Meat Market -Crabtree Meat Packers Ltd.

	-Res (1 Tenant)
420 McArthur Avenue	-Dom Provisioners Ont. Ltd. Frozen Foods
422 McArthur Avenue	-Bisson Electric Ltd.

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1961	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Res (1 Tenant)
385 McArthur Avenue	-Address Not Listed
387 McArthur Avenue	-Res (1 Tenant)
390 McArthur Avenue	-Res (1 Tenant)

400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Address Not Listed
416 McArthur Avenue	-Crabtree Meat Packers Ltd. -Res (1 Tenant)
420 McArthur Avenue	-Dom Provisioners Ont. Ltd. Frozen Foods
422 McArthur Avenue	-Res (1 Tenant)

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1956	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Address Not Listed

385 McArthur Avenue	-Address Not Listed
387 McArthur Avenue	-Res (1 Tenant)
390 McArthur Avenue	-Res (1 Tenant)
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Address Not Listed
416 McArthur Avenue	-Crabtree Meat Packers Ltd. -Res (1 Tenant)
420 McArthur Avenue	-Res (1 Tenant)
422 McArthur Avenue	-Res (1 Tenant)

PROJECT NUMBER: 20190716085	
Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1950	
Site Listing:	-Address Not Listed

Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Res (1 Tenant)
385 McArthur Avenue	-Address Not Listed
387 McArthur Avenue	-Res (1 Tenant)
390 McArthur Avenue	-Res (1 Tenant)
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Address Not Listed
416 McArthur Avenue	-Address Not Listed
420 McArthur Avenue	-Address Not Listed
422 McArthur Avenue	-Address Not Listed

PROJECT NUMBER: 20190716085	
------------------------------------	--

Site Address:	393 McArthur Avenue, Vanier, Ontario
Year: 1946	
Site Listing:	-Address Not Listed
Adjacent Properties:	
373 McArthur Avenue	-Address Not Listed
381 McArthur Avenue	-Address Not Listed
385 McArthur Avenue	-Address Not Listed
387 McArthur Avenue	-Address Not Listed
390 McArthur Avenue	-Address Not Listed
400 McArthur Avenue	-Address Not Listed
401 McArthur Avenue	-Address Not Listed
416 McArthur Avenue	-Address Not Listed
420 McArthur Avenue	-Address Not Listed

422 McArthur Avenue	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as "residential" with the number of tenants. The name of the residential tenant is not listed in the above city directory.



APPENDIX F

Technical Standards & Safety Authority

Nicole Soucy

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: July-16-19 1:27 PM
To: Nicole Soucy
Subject: RE: TSSA Search 393 McArthur #64819.22

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Nicole,

Thank you for your request for confirmation of public information.

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

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

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Yalini



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Nicole Soucy <nicole.soucy@gemtec.ca>
Sent: July 16, 2019 12:56 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: TSSA Search 393 McArthur #64819.22

Hello,

Can you please complete a search for the following addresses:

- 373, 381, 385, 387, 390, 393, 400, 401, 416, 420, and 422 McArthur Avenue

All in Ottawa, Ontario (Formerly Vanier)

Thanks,

Nicole



GEMTEC
CONSULTING ENGINEERS
AND SCIENTISTS

Nicole Soucy, B.A.Sc., M.A.Sc.
Environmental Scientist
Ottawa, ON
tel: 613.836.1422 x265 / toll-free: 1.877.243.6832
mobile: 613.929.5630 / fax: 613.836.9731

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APPENDIX G

City of Ottawa – HLUI

August 15, 2019

Nicole Soucy
Gemtec
32 Steacie Drive
Ottawa, Ontario, K2K 2A9

Sent via email to [nicole.soucy@gemtec.ca]

Dear Ms. Soucy,

**Re: Information Request
393 McArthur Avenue, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation

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

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

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

- There is 1 activity associated with the Subject Property: Activity Numbers 9021.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 22 activities associated with properties located within 250m of the Subject Property: Activity Numbers 9021, 12033, 10245, 7040, 11657, 5693, 3305, 3429, 9850, 7, 14228, 5234, 5387, 2127, 12882, 3704, 4643, 7070, 12731, 1529, 2529, 3431 and 1459.

Please note that Activity Numbers 3704 and 4643 have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database’s location of the Activity Numbers with a PIN Certainty of “2”.

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

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

The Ontario Land Registry Office

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

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

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

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

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

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

Sincerely,



Samantha Gatchene

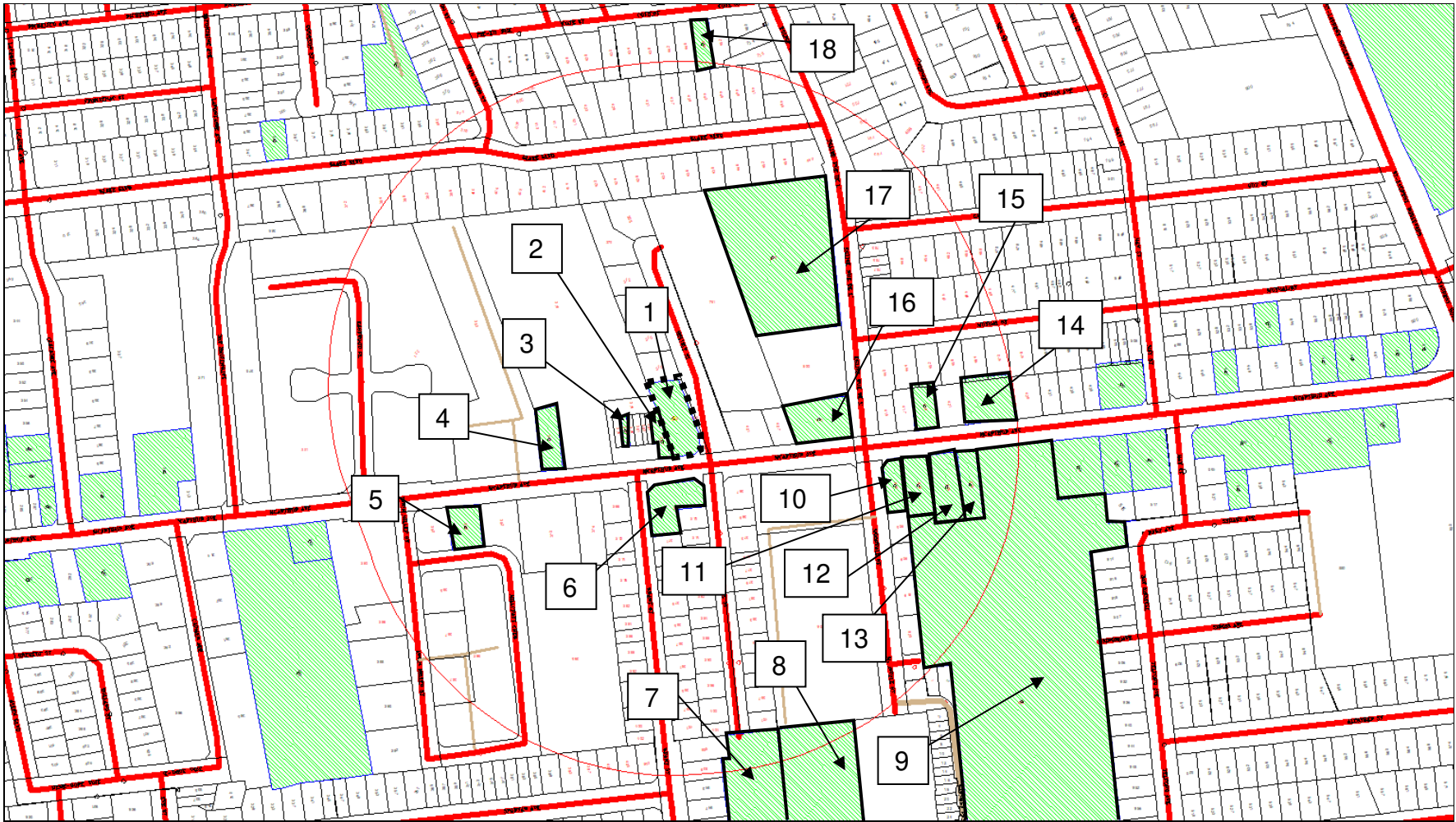
Per:

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

MB / SG

Enclosures

cc: File no. D06-03-19-0100




Scale 1: n/a

393 McArthur Avenue
 Ottawa, ON
 File # D06-03-19-0100
 Samantha Gatchene



Overview

 = Subject Site

 = Area Number

Area Number	HLUI Activities Associated with Area	HLUI Activities with a PIN Certainty of 2*
1	9021	
2	9021	
3	12033	
4	10245	
5	7040	
6	11657 and 5693	
7	3305	
8	3429	
9	9850	
10	7	
11	14228 and 5234	
12	5387	
13	2127	
14	12882, 3704, 4643 and 7070	3704 and 4643
15	12731	
16	2529	
17	3431	
18	1459	

*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

Historical Land Use Inventory

Activity Numbers –

Subject Property/Properties



CITY OF OTTAWA
HLUI ID: __670H7T

Report: RPTC_OT_DEV0122
Run On: 14 Aug 2019 at: 10:32:07

AREA (Square Metres): 1470.758

Study Year
1998

PIN
042410135

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 9021 Multiple PINS: N
 PIN Certainty: 1 Previous Activity ID(s) : 3836
 Related PINS: 042410122
 Name: MCARTHUR TAILORS & CLEANERS
 Address: 387 MCARTHUR AVENUE, OTTAWA
 Facility Type: Recreational Vehicle Dealers (where servicing is present)
 Comments 1:
 Comments 2:
 Generator Number:
 Storage Tanks:
 HL References 1: M.1966, M.1971, M.1980; CDMPI-1996
 HL References 2:
 HL References 3: 2001 Employment Survey

NAICS	SIC
812320	972
561740	972
812310	972
812330	972
811490	0

Company Name	Year of Operation
MCARTHUR TAILORS & CLEANERS	c. 2001
McArthur Tailors & Cleaners	c. 1966-1996

Historical Land Use Inventory

Activity Numbers –

Adjacent Properties



CITY OF OTTAWA
HLUI ID: __679BKE
AREA (Square Metres): 329.777

Report: RPTC_OT_DEV0122
 Run On: 14 Aug 2019 at: 10:32:32

Study Year
2005

PIN
042410122

Multi-NAIC
N

Multiple Activities
N

Activity ID: 9021 **Multiple PINS:** N
PIN Certainty: 1 **Previous Activity ID(s) :** 3836
Related PINS: 042410122
Name: MCARTHUR TAILORS & CLEANERS
Address: 387 MCARTHUR AVENUE, OTTAWA
Facility Type: Recreational Vehicle Dealers (where servicing is present)
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1: M.1966, M.1971, M.1980; CDMPI-1996
HL References 2:
HL References 3: 2001 Employment Survey

NAICS	SIC
812320	972
561740	972
812310	972
812330	972
811490	0

Company Name	Year of Operation
MCARTHUR TAILORS & CLEANERS	c. 2001
McArthur Tailors & Cleaners	c. 1966-1996



CITY OF OTTAWA

HLUI ID: __679910

AREA (Square Metres): 118.902

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:33:26

Study Year
2005

PIN
042410117

Multi-NAIC
N

Multiple Activities
N

Activity ID: 12033 **Multiple PINS:** N

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

Related PINS: 042410117

Name: RAY-TEK PRINTING INC.

Address: 377 MCARTHUR AVENUE,

Facility Type: Commercial Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
323114	0

Company Name

Year of Operation

RAY-TEK PRINTING INC.

c. 2005

RAY-TEK PRINTING INC.

c. 2001



CITY OF OTTAWA

HLUI ID: __679919

AREA (Square Metres): 850.027

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:33:56

Study Year
2005

PIN
042410124

Multi-NAIC
N

Multiple Activities
N

Activity ID: 10245 **Multiple PINS:** N

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

Related PINS: 042410124

Name: PALAPRO CONSTRUCTION INC.

Address: 371 MCARTHUR AVENUE,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0

Company Name

Year of Operation

PROJEM CONSTRUCTION

c. 2001

PALAPRO CONSTRUCTION INC.

c. 2005



CITY OF OTTAWA

HLUI ID: __67992K

AREA (Square Metres): 812.376

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:34:23

Study Year
2005

PIN
042470084

Multi-NAIC
N

Multiple Activities
N

Activity ID: 7040 **Multiple PINS:** N

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

Related PINS: 042470084

Name: J H L IMPRESSIVE PRINTING
Address: 358 MCARTHUR AVENUE, VANIER

Facility Type: Commercial Printing Industries

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS **SIC**
323114 0

Company Name

J H L IMPRESSIVE PRINTING

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: __67991A

AREA (Square Metres): 1330.357

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:35:39

Study Year
2005

PIN
042460001

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 11657 **Multiple PINS:** N

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

Related PINS: 042460001

Name: RICHMOND TECHNICAL SERVICES

Address: 390 MCARTHUR AVENUE, VANIER

Facility Type: Medical and Other Health Laboratories

Comments 1: MCARTHUR MEDICAL CENTRE

Comments 2:

Generator Number: ON0869111

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS	SIC
621510	0

Company Name

RICHMOND TECHNICAL SERVICES

Year of Operation

c. 2003



CITY OF OTTAWA

HLUI ID: __67991A

AREA (Square Metres): 1330.357

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:35:39

Study Year
2005

PIN
042460001

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 5693 **Multiple PINS:** N

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

Related PINS: 042460001

Name: GAMMA-DYNACARE LABORATORIES

Address: 390 MCARTHUR AVENUE,

Facility Type: Medical and Other Health Laboratories

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
621510	0
541380	0

Company Name	Year of Operation
GAMMA-DYNACARE LABORATORIES	c. 2001
GAMMA-DYNACARE LABORATORIES	c. 2005



CITY OF OTTAWA

HLUI ID: __6790RD

AREA (Square Metres): 8634.974

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:36:13

Study Year
2005

PIN
042460054

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 3305 **Multiple PINS:** N

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

Related PINS: 042460054

Name: CENTRE FRANCO ONTARIEN
Address: 435 DONALD STREET, OTTAWA

Facility Type: Commercial Printing Industries

Comments 1:

Comments 2:

Generator Number: ON5857046

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS	SIC
512230	0
511130	0
323114	0

Company Name

CENTRE FRANCO ONTARIEN

CENTRE FRANCO ONTARIEN

Year of Operation

c. 2005

c. 2003



CITY OF OTTAWA

HLUI ID: __679BS2

AREA (Square Metres): 11965.339

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:36:40

Study Year
2005

PIN
042460055

Multi-NAIC
N

Multiple Activities
N

Activity ID: 3429 **Multiple PINS:** N

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

Related PINS: 042460055

Name: CONSEIL DES ECOLES CATHOLIQUES DE LANGUE

Address: 437 DONALD STREET, OTTAWA

Facility Type: Elementary and Secondary Education

Comments 1: SAINT-PAUL

Comments 2:

Generator Number: ON1285741

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
611110	0

Company Name

Year of Operation

CONSEIL DES ECOLES CATHOLIQUES DE LANGUE

c. 2005

CONSEIL DES ECOLES CATHOLIQUES DE LANGUE

c. 2000



CITY OF OTTAWA

HLUI ID: __679BSZ

AREA (Square Metres): 47737.526

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:37:13

Study Year
2005

PIN
042460134

Multi-NAIC
N

Multiple Activities
N

Activity ID: 9850 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 042460134

Name: OCCSB - M F MCHUGH EDUCATION CENTRE

Address: 485 DONALD STREET, OTTAWA

Facility Type: Elementary and Secondary Education

Comments 1: OTTAWA TECHNICAL LEARNING CENTRE

Comments 2:

Generator Number: ON0375203

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS	SIC
611110	0

Company Name

Year of Operation

OCCSB - M F MCHUGH EDUCATION CENTRE	c. 2000
OCCSB - M F MCHUGH EDUCATION CENTRE	c. 2003
OCCSB - M F MCHUGH EDUCATION CENTRE	c. 2001
OCCSB - M F MCHUGH EDUCATION CENTRE	c. 2005



CITY OF OTTAWA
HLUI ID: __679BKB

Report: RPTC_OT_DEV0122
 Run On: 14 Aug 2019 at: 10:38:47

AREA (Square Metres): 1003.141

Study Year
2005

PIN
042460072

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 14228 **Multiple PINS:** N

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

Related PINS: 042460072

Name: TRANSMISSION DEPOT

Address: 416 MCARTHUR AVENUE,

Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
811119	0

Company Name

TRANSMISSION DEPOT

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: __679BKB

AREA (Square Metres): 1003.141

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:38:47

Study Year
2005

PIN
042460072

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 5234 **Multiple PINS:** N

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

Related PINS: 042460072

Name: ELISEO SIGNORINI GARAGE

Address: 416 MCARTHUR AVENUE, OTTAWA

Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number: ON3519259

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2003 PID

NAICS	SIC
811111	0
811199	0
811119	0
811112	0
811121	0

Company Name

Year of Operation

ELISEO SIGNORINI GARAGE

c. 2003

ELISEO SIGNORINI GARAGE

c. 2005



CITY OF OTTAWA

HLUI ID: __67991E

AREA (Square Metres): 1186.714

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:39:17

Study Year
2005

PIN
042460073

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 5387 **Multiple PINS:** N

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

Related PINS: 042460073

Name: FRED TROTTIER CONSTRUCTION

Address: 420 MCARTHUR AVENUE,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
238310	0
236110	0

Company Name

Year of Operation

FRED TROTTIER CONSTRUCTION

c. 2001

FRED TROTTIER CONSTRUCTION

c. 2005



CITY OF OTTAWA

HLUI ID: __67991F

AREA (Square Metres): 803.189

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:40:15

Study Year
2005

PIN
042460074

Multi-NAIC
N

Multiple Activities
N

Activity ID: 2127 **Multiple PINS:** N

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

Related PINS: 042460074

Name: BYTOWN CAT HOSPITAL

Address: 422 MCARTHUR AVENUE, OTTAWA

Facility Type: Services Incidental to Livestock and Animal Specialties

Comments 1:

Comments 2:

Generator Number: ON1108401

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
541940	0

Company Name	Year of Operation
BYTOWN CAT HOSPITAL	c. 2003
BYTOWN CAT HOSPITAL	c. 2001
BYTOWN CAT HOSPITAL	c. 2000



CITY OF OTTAWA

HLUI ID: __679FO0

AREA (Square Metres): 1421.545

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:42:34

Study Year
1998

PIN
042440166

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 12882 **Multiple PINS:** N

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

Related PINS: 042440166

Name: SHOWCASE HOME THEATRE

Address: 427 MCARTHUR AVENUE,

Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
416110	0

Company Name

SHOWCASE HOME THEATRE

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: __679FO0

AREA (Square Metres): 1421.545

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:42:34

Study Year
1998

PIN
042440166

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 3704 **Multiple PINS:** N

PIN Certainty: 2 **Previous Activity ID(s) :**

Related PINS: 042440166

Name: CONSORTIUM LUMBER FLOORING BRK

Address: 427 MCARTHUR AVENUE,

Facility Type: Other Trade Work

Comments 1: #3 - NO PIN FOR 427 - PIN IS FOR 425

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
238330	0

Company Name

CONSORTIUM LUMBER FLOORING BRK

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: __679FO0

AREA (Square Metres): 1421.545

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:42:34

Study Year
1998

PIN
042440166

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 7070 **Multiple PINS:** N

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

Related PINS: 042440166

Name: ITT FLUID PRODUCTS CANADA

Address: 427 MCARTHUR AVENUE,

Facility Type: Industrial Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
417230	0
333990	0

Company Name

Year of Operation

ITT FLUID PRODUCTS CANADA

c. 2005

ITT FLUID PRODUCTS CANADA

c. 2001



CITY OF OTTAWA

HLUI ID: __67992L

AREA (Square Metres): 660.429

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:43:20

Study Year
2005

PIN
042440168

Multi-NAIC
N

Multiple Activities
N

Activity ID: 12731 **Multiple PINS:** N

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

Related PINS: 042440168

Name: SEWING MACHINE HOSPITAL

Address: 419 MCARTHUR AVENUE, OTTAWA

Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
811210	0

Company Name

SEWING MACHINE HOSPITAL

Year of Operation

c. 2001



CITY OF OTTAWA

HLUI ID: __67991B

AREA (Square Metres): 1549.615

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:43:53

Study Year
2005

PIN
042410130

Multi-NAIC
N

Multiple Activities
N

Activity ID: 2529 **Multiple PINS:** N

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

Related PINS: 042410130

Name: C R PRINTING
Address: 411 MCARTHUR AVENUE,
Facility Type: Commercial Printing Industries
Comments 1:
Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS **SIC**
323114 0

Company Name

C R PRINTING

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: __679024

AREA (Square Metres): 9595.457

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:44:21

Study Year
2005

PIN
042410126

Multi-NAIC
N

Multiple Activities
N

Activity ID: 3431 **Multiple PINS:** N

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

Related PINS: 042410126

Name: CONSEIL DES ECOLES CATHOLIQUES DE LANGUE

Address: 780 CHURCH STREET, OTTAWA

Facility Type: Elementary and Secondary Education

Comments 1: NOTRE-DAME-DE-LA-JOIE

Comments 2:

Generator Number: ON1285713

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
611110	0

Company Name

CONSEIL DES ECOLES CATHOLIQUES DE LANGUE

Year of Operation

c. 2000



CITY OF OTTAWA

HLUI ID: __6790Y2

AREA (Square Metres): 555.496

Report: RPTC_OT_DEV0122

Run On: 14 Aug 2019 at: 10:44:50

Study Year
2005

PIN
042410077

Multi-NAIC
Y

Multiple Activities
N

Activity ID: 1459 **Multiple PINS:** N

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

Related PINS: 042410077

Name: AVECON GENERAL CONSTRUCTION COORDINATORS

Address: 450 COTE STREET,

Facility Type: Residential Building and Development

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
236110	0
238350	0
238130	0

Company Name

Year of Operation

AVECON GENERAL CONSTRUCTION COORDINATORS

c. 2005

AVECON GENERAL CONSTRUCTION COORDINATORS

c. 2001



APPENDIX H

Aerial Photographs



GEMTEC

CONSULTING ENGINEERS
AND SCIENTISTS

32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

1928 AERIAL PHOTOGRAPH

Project

PHASE ONE ESA
393 MCARTHUR AVENUE, OTTAWA, ON

Project No.

64819.22

FIGURE G1



32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

1945 AERIAL PHOTOGRAPH

Project PHASE ONE ESA
393 MCARTHUR AVENUE, OTTAWA, ON

Project No.
64819.22

FIGURE G2



**CONSULTING ENGINEERS
AND SCIENTISTS**

32 Steacie Drive, Ottawa, ON K2K 2A9
T: (613) 836-1422 | www.gemtec.ca | ottawa@gemtec.ca

1978 AERIAL PHOTOGRAPH

Project

**PHASE ONE ESA
393 MCARTHUR AVENUE, OTTAWA, ON**

Project No.

64819.22

FIGURE G3



APPENDIX I

Ontario Well Records



We 1/15# N2 \$167

UTM 118Z 449230E

5R 510306610N

The Ontario Water Resources Commission Act

Elev. 4R 02110

WATER WELL RECORD

Ottawa

Basin 25
County or District ~~45~~

Township, Village, Town or City ~~Carleton Place~~

Con. ~~7~~ Lot

Date completed 6 April 1961
(day month year)

Owner Geo. A. Cooper Construction
(print in block letters)

Address 1655 Carling Ave., Ottawa

Casing and Screen Record

Pumping Test

Inside diameter of casing 6 1/4"
Total length of casing 23'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 6"

Static level 8'
Test-pumping rate 20 G.P.M.
Pumping level 24'
Duration of test pumping 6 hrs.
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 20 G.P.M.
with pump setting of 24 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Soil	0	2		
shale	2	100	40'	fresh

BOWLING ALLEY
For what purpose(s) is the water to be used?
Summer cooling SYSTEM

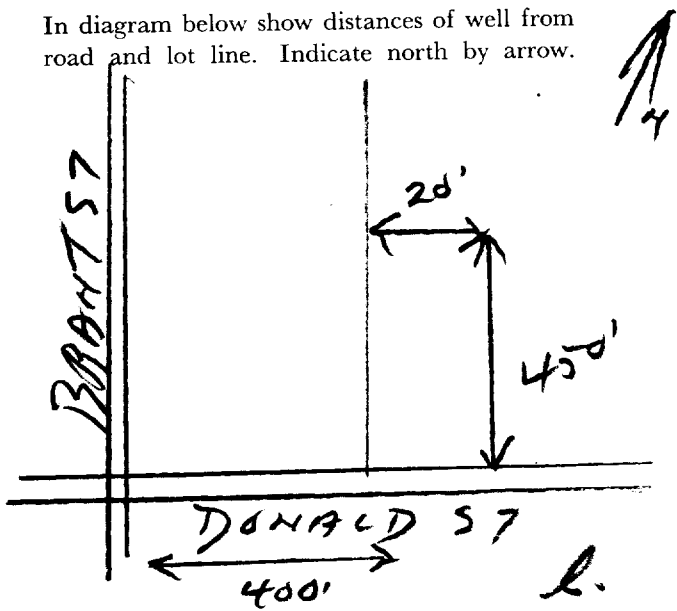
Is well on upland, in valley, or on hillside? upland

Drilling or Boring Firm
McLean Water Supply Ltd.
Address 1532 Raven Ave. Ottawa

Licence Number 476
Name of Driller or Borer A. Scharf
Address
Date April 30
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

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

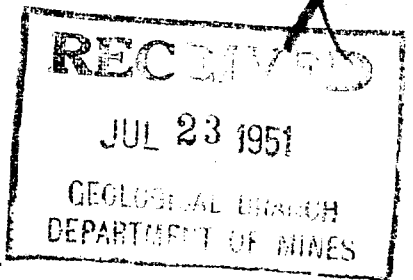


DONALD ST

UTM 118 414912165
19R 51013111610
 Elev. 191 0121110
 Basin 125



15 No ~~8224~~



The Well Drillers Act
 Department of Mines, Province of Ontario

Water Well Record

County or Territorial District. Carleton Township, Village, Town or City. Stouffville
 Con. Lot. 50 Street and Number (if in Village, Town or City) 444 Guy Street
 Owner. [Redacted] Address. Stouffville Ontario
 Date Completed. October 26 / 50 Cost of Well (excluding pump)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch Date
 Length(s) of casing(s) 15 feet Static level. 36'
 Type of screen --- Pumping level
 Length of screen --- Pumping rate
 Distance from top of screen to ground level Duration of test
 Is well a gravel-wall type? --- Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh
 Quality (hard, soft, contains iron, sulphur, etc.) hard
 Appearance (clear, cloudy, coloured) clear
 For what purpose(s) is the water to be used? House hold use
 How far is well from possible source of contamination? 22 feet
 What is the source of contamination? septic tank
 Enclose a copy of any mineral analysis that has been made of water

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>43 feet</u>		<u>36 feet</u>

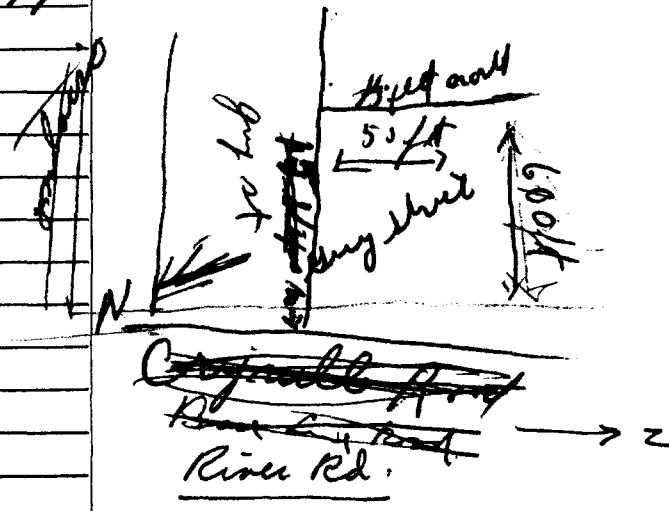
Well Log

Overburden and Bedrock Record

	From	To
	0 ft.ft.
<u>Clay</u> -----	<u>0</u>	<u>15</u>
<u>Rock</u> -----	<u>15</u>	<u>77</u>

Location of Well

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



Situation: Is well on upland, in valley, or on hillside? upland
 Drilling Firm Gordon S. Mulligan
 Address Westboro
 Name of Driller James Kelle Address Parsippanyville
 Date October 29 Licence Number

Signature of Licensee

Measurements recorded in: Metric Imperial

Well Owner's Information

First Name	Last Name / Organization <i>Paramount Properties</i>	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
Mailing Address (Street Number/Name) <i>205-35 O'Connor St</i>	Municipality <i>Ottawa</i>	Province <i>ON</i>	Postal Code <i>K1P5M4</i>
Telephone No. (inc. area code)			

Well Location

Address of Well Location (Street Number/Name) <i>353 McArthur Avenue</i>	Township	Lot	Concession
County/District/Municipality	City/Town/Village <i>Ottawa</i>	Province Ontario	Postal Code
UTM Coordinates	Zone	Easting	Northing
NAD	83	18448977	5031166
Municipal Plan and Sublot Number		Other	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
<i>Black</i>	<i>Asphalt</i>	-	-	0	0.05
<i>Brown</i>	<i>Sand & gravel</i>	-	<i>Fill</i>	0.05	0.84
<i>Brown</i>	<i>Silty clay</i>	<i>sand, gravel, wood, peat</i>	<i>Fill</i>	0.84	1.65
<i>Dark Brown</i>	<i>Silty clay</i>	<i>trace sand, gravel, shale</i>	<i>Glacial till</i>	1.65	4.88
<i>Grey</i>					

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)	
From	To		
0	1.2 <i>Bentonite</i>		

Method of Construction		Well Use	
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Monitoring
<input checked="" type="checkbox"/> Other, specify <i>Direct Push</i>		<input type="checkbox"/> Other, specify	

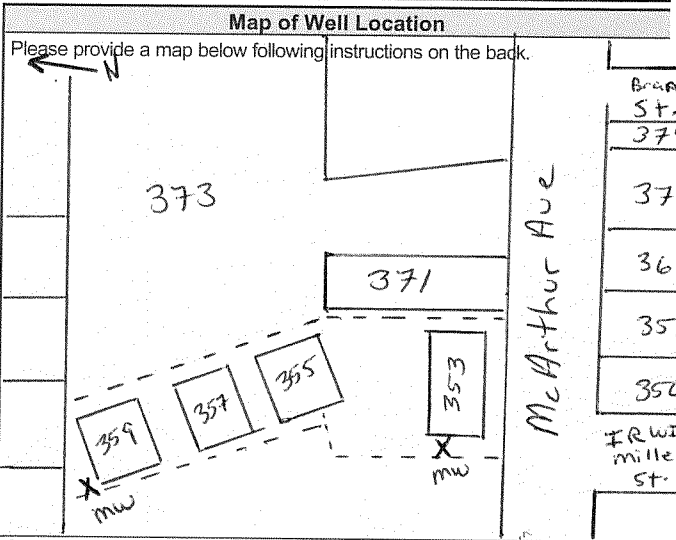
Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
3.1	<i>PVC</i>	<i>Schedule 40</i>	0	1.8	<input type="checkbox"/> Water Supply
					<input type="checkbox"/> Replacement Well
					<input type="checkbox"/> Test Hole
					<input type="checkbox"/> Recharge Well
					<input type="checkbox"/> Dewatering Well
					<input checked="" type="checkbox"/> Observation and/or Monitoring Hole
					<input type="checkbox"/> Alteration (Construction)
					<input type="checkbox"/> Abandoned, Insufficient Supply
					<input type="checkbox"/> Abandoned, Poor Water Quality
					<input type="checkbox"/> Abandoned, other, specify
					<input type="checkbox"/> Other, specify

Construction Record - Screen				
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To
3.8	<i>PVC</i>	<i>10</i>	1.8	4.88

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)
	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	From	To
2.5		0	4.88
			8.89

Well Contractor and Well Technician Information			
Business Name of Well Contractor <i>Eastern Ontario Diamond Drilling Ltd.</i>	Well Contractor's Licence No. <i>7328</i>		
Business Address (Street Number/Name) <i>780 County Rd 17, P.O. Box 33</i>	Municipality <i>Hawkesbury</i>		
Province <i>ON</i>	Postal Code <i>J0V1B0</i>	Business E-mail Address <i>ontariodiamond@hawk.igs.net</i>	
Business Telephone No. (inc. area code) <i>136327769</i>	Name of Well Technician (Last Name, First Name) <i>Downing Stephen</i>		
Well Technician's Licence No. <i>3326</i>	Signature of Technician and/or Contractor	Date Submitted <i>20140425</i>	

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping hrs + min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
	10		10	
	15		15	
	20		20	
	25		25	
	30		30	
	40		40	
	50		50	
	60		60	



Comments:	Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered YYYYMMDD <i>20120907</i>	Date Work Completed YYYYMMDD <i>20120907</i>
		Ministry Use Only	
		Audit No. <i>Z171276</i>	
		MAY 27 2014	



Measurements recorded in: Metric Imperial

A122865

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address, Municipality, Province, Postal Code, Telephone No.

Well Location

Address of Well Location, Township, Lot, Concession, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed (m³/ft³)

Method of Construction and Well Use checkboxes

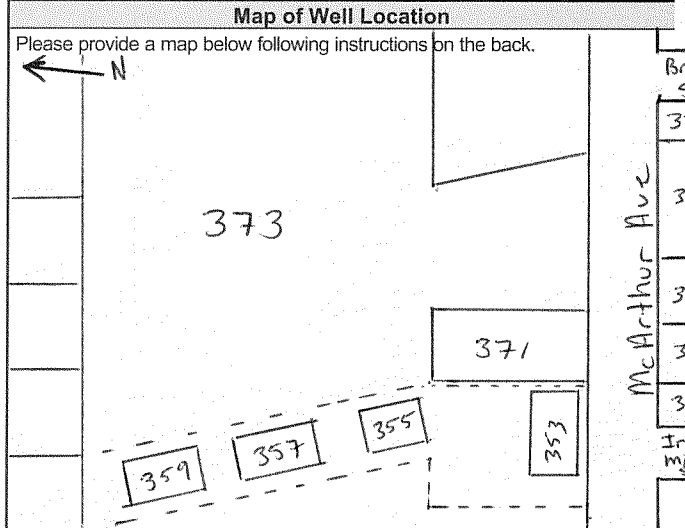
Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth, Status of Well

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth

Water Details and Hole Diameter tables

Well Contractor and Well Technician Information form

Results of Well Yield Testing table with columns: Draw Down, Recovery, Time, Water Level



Ministry Use Only form with Audit No. and Date Work Completed

MAY 27 2014

Measurements recorded in: Metric Imperial

Page 1 of 1

A156907

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	<input type="checkbox"/> Well Constructed by Well Owner
	FOACE MAJEURE		
Mailing Address (Street Number/Name)	Municipality	Province	Postal Code
164 ADRIEN ROBERT	GATINEAU	QC	J8Y3S2
Telephone No. (inc. area code)			

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
374 McARTHUR AVENUE			
County/District/Municipality	City/Town/Village	Province	Postal Code
OTTAWA	OTTAWA	Ontario	
UTM Coordinates Zone	Easting	Northing	Municipal Plan and Sublot Number
NAD 83	18449088	5031083	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
	TOPSOIL			0	0.2
GREYISH BR.	FILL	CLAY, SAND, GRAVEL, STONE	LOOSE	0.2	1.05
DARK GREY	GLACIAL TILL	SILT, SAND, GRAVEL, TAALCLAY + COBBLES.	MOIST, COMPACT TO DENSE	1.05	5.1

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
From: 1.0 To: 3.9	BENTONITE	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input checked="" type="checkbox"/> Other, specify: DIRECT PUSH	<input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify:

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify: <input type="checkbox"/> Other, specify:
			From	To	
3.18	PVC	SCHED 40	0	4.2	

Construction Record - Screen				Status of Well
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
3.89	PVC	10	From: 4.2 To: 5.1	

Water Details		Hole Diameter	
Water found at Depth: 1.8 (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft) From: 0 To: 5.1	Diameter (cm/in): 8.89
Water found at Depth: (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		
Water found at Depth: (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested		

Well Contractor and Well Technician Information			
Business Name of Well Contractor	Well Contractor's Licence No.		
GEORGE DOWNING ESTATE DRILLING	1844		
Business Address (Street Number/Name)	Municipality		
410 RUE PRINCIPALE	GRENVILLE-SR-LA-ROUGE		
Province	Postal Code	Business E-mail Address	
QC	J0V1B0	downing@hawk.igs.net	
Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)		
8192426469	DOWNING, BRUCE		
Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted	
2173	<i>[Signature]</i>	20150424	

Results of Well Yield Testing				
After test of well yield, water was:	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify:				
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
	4		4	
Duration of pumping	5		5	
hrs + min				
Final water level end of pumping (m/ft)	10		10	
	15		15	
If flowing give rate (l/min / GPM)	20		20	
	25		25	
Recommended pump depth (m/ft)	30		30	
Recommended pump rate (l/min / GPM)	40		40	
Well production (l/min / GPM)	50		50	
	60		60	
Disinfected?				
<input type="checkbox"/> Yes <input type="checkbox"/> No				

Map of Well Location	
Please provide a map below following instructions on the back.	

Comments:

A156907 (★)
187 44088E
5031083N

Well owner's information package delivered		Date Package Delivered		Ministry Use Only	
<input type="checkbox"/> Yes <input type="checkbox"/> No				Audit No. 2191608	
		Date Work Completed		APR 30 2015	
		20150127			



Measurements recorded in: Metric Imperial

A269044

Well Owner's Information

First Name: Last Name / Organization: 2608436 Ontario Inc. E-mail Address: Well Constructed by Well Owner
Mailing Address (Street Number/Name): 782 Claude St. Municipality: Ottawa Province: ON Postal Code: K1K2S2 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): 416 MacArthur Ave Township: Lot: Concession: City/Town/Village: Ottawa Province: Ontario Postal Code: UTM Coordinates: Zone: Easting: Northing: Municipal Plan and Sublot Number: Other:

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
Black	Asphalt	F#1		0	5
Grey	Clay			3	8
Grey	Sand			8	15

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
0	1	concrete / Flash-mount	
1	4	Bentonite	
4	15	Sand	

Method of Construction: Direct push
Well Use: Test Hole Monitoring

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To	Status of Well
1.5	PVC	0.125	0	5	<input checked="" type="checkbox"/> Test Hole <input checked="" type="checkbox"/> Observation and/or Monitoring Hole

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To	Status of Well
1.75	PVC	10	5	15	<input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	
0	15	3.5

Well Contractor and Well Technician Information

Business Name of Well Contractor: Strate Drilling Group Well Contractor's Licence No.: 7241
Business Address (Street Number/Name): 129 Ringwood Ave Municipality: Sturville
Province: ON Postal Code: L4A 9L1 Business E-mail Address: wrecords@stratedrill.com
Bus. Telephone No. (inc. area code): 905 940 7919 Name of Well Technician (Last Name, First Name): Jonathan Thomas
Well Technician's Licence No.: 4145 Signature of Technician and/or Contractor: Date Submitted: 2020 08 31

Results of Well Yield Testing

Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
50		50	
60		60	

Map of Well Location

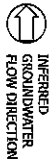
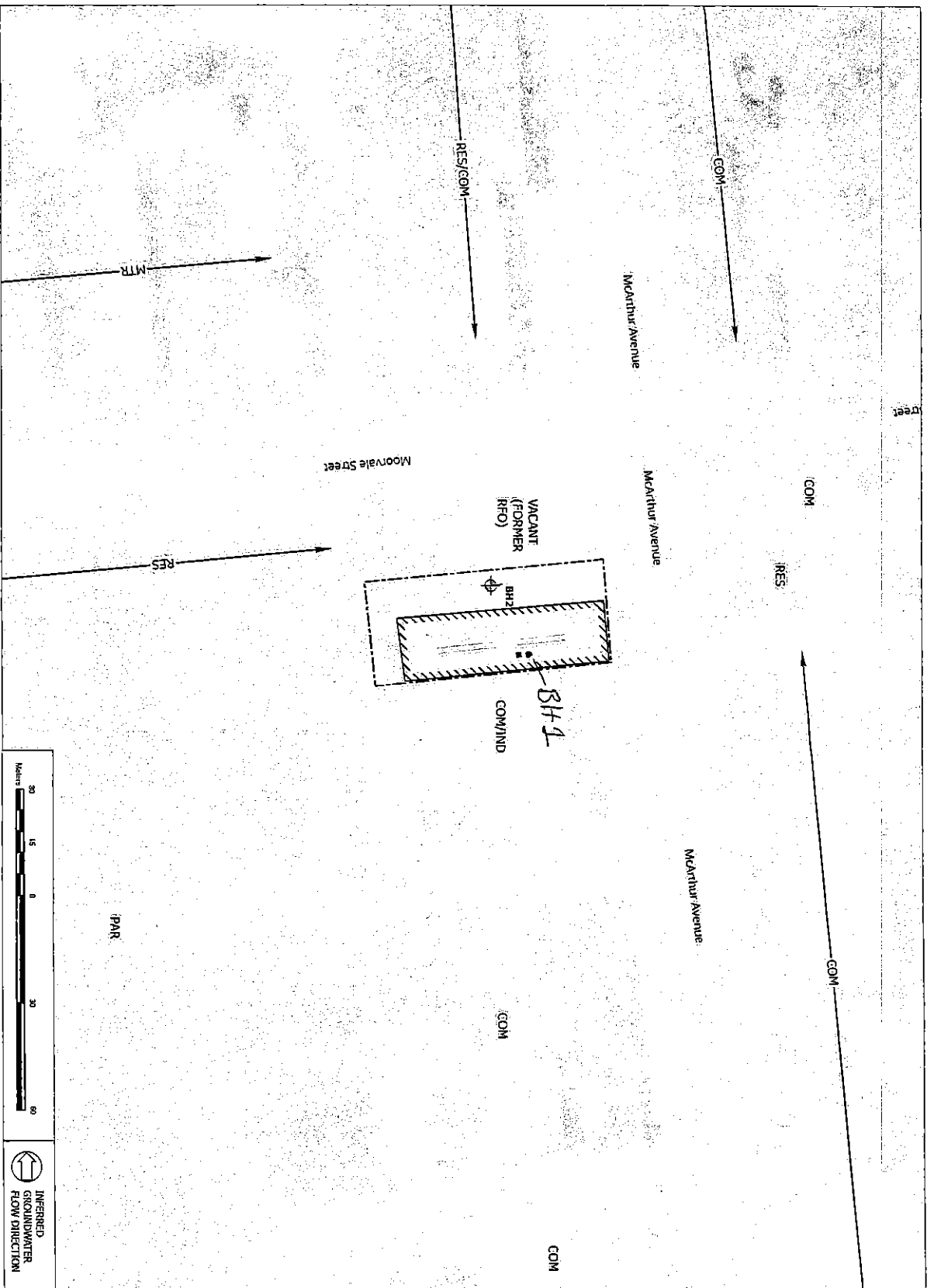
Please provide a map below following instructions on the back.

See map BH2

Well owner's information package delivered: Yes No

Date Package Delivered: YYY Y M M D D
Date Work Completed: 2020 07 30

Ministry Use Only
Audit No.: 338317
AUG 14 2020
Received



<ul style="list-style-type: none"> IND - INDUSTRIAL IR - PARKLAND COM - COMMERCIAL RES/COM - RESIDENTIAL/COMMERCIAL MTR - MULTIFAMILY RESIDENTIAL RES - RESIDENTIAL GROUNDWATER MONITORING WELL SITE BOUNDARY SITE BUILDING OUTWATER SEPARATOR TRENCH REVAL PILE OUTLET 	<p style="text-align: center; font-size: 24px; font-weight: bold;">AUG 14 2020</p>
<p>PINCHIN</p>	
<p>PHASE I ENVIRONMENTAL SITE ASSESSMENT</p>	
<p>2808486 ONTARIO INC.</p>	
<p>PROJECT LOCATION</p> <p>416 MCARTHUR AVENUE, OTTAWA, ONTARIO</p>	
<p>SITE AND SURROUNDING LAND USE</p>	
<p>PROJECT NUMBER: 2771832</p> <p>ISSUED BY: PKM</p> <p>DATE: JULY 2020</p>	<p>SCALE: 1:1,000</p> <p>REVISIONS BY: HP</p> <p>TOTAL SHEETS: 2</p>

Handwritten notes:
 E724
 23832

NOTES:
 1) Inventory information may not be reproduced or distributed without prior written consent of Pinchin Ltd.
 2) This document is the property of Pinchin Ltd. All rights reserved.
 3) The drawings may have been revised. All scale drawings should be checked against a 1:2500 "final" drawing.
 4) Groundwater monitoring wells shown on this plan are for monitoring purposes only and do not constitute a monitoring system.
 5) Consultation with the Ministry of the Environment and Climate Change is required for any proposed monitoring system.
 6) The drawings are for informational purposes only and do not constitute a contract.
 7) The drawings are for informational purposes only and do not constitute a contract.
 8) The drawings are for informational purposes only and do not constitute a contract.
 9) The drawings are for informational purposes only and do not constitute a contract.
 10) The drawings are for informational purposes only and do not constitute a contract.



APPENDIX J

Site Photos



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NORTHWEST VIEW OF SITE
CONCRETE PAD, CONCRETE BLOCKS

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FIGURE J1



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SOUTH VIEW OF SITE
LOOKING TOWARDS MCARTHUR AVENUE

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FIGURE J2



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CONCRETE PAD

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FIGURE J3



PICK UP TRUCK, PARKED ON EAST SIDE OF PROPERTY



STAINED SOIL CAUSED BY TRUCK LEAKING



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SITE PHOTOGRAPHS

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FIGURE J4



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METAL STICKING UP FROM GROUND. CUT OFF

Project

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FIGURE J5



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ADJACENT DRY CLEANING BUSINESS. POTENTIALLY CONTAMINATING BUSINESS WITHIN STUDY AREA. MCARTHUR TAILOR AND DRY CLEANING. 387 MCARTHUR AVENUE

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FIGURE J6



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POTENTIALLY CONTAMINATING BUSINESS WITHIN THE STUDY AREA.
 AMERICAN GRAFFITI AUTOMOTIVE. 416 MCARTHUR AVENUE. DRUM AND
 MONITORING WELL IN FRONT OF BUSINESS

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FIGURE J7



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SEWER GRATES, ABOVE GROUND HYDRO LINES AND TRANSFORMER,
 NATURAL GAS METER, WATER MAINS, FIRE HYDRANTS, AND SEWER CAPS
 ALL LOCATED WITHIN THE SUBJECT AREA.

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FIGURE J8



Gemtec
 64819.22 - 383 McArthur
 Abandoned shopping cart
 2022.05.18 15:09
 45.43252, -75.65023
 393 McArthur Ave., Ottawa, ON K1L 6N5



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ABANDONED SHOPPING CART ON THE
 NORTH PORTION OF THE SUBJECT
 PROPERTY

Project	PHASE ONE ESA 393 MCARTHUR AVENUE, OTTAWA, ON	Project No.	64819.22	FIGURE J9



Gemtec
64819.22 - 383 McArthur
Flush mount well east of site
2022.05.18 15:11
45.43253 -75.65022
393 McArthur Ave., Ottawa, ON K1L 6N5



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MONITORING WELL ON THE EAST PORTION OF
THE SUBJECT PROPERTY

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Gemtec
 64819.22 - 383 McArthur
 Grass & veg cover on site
 2022-05-18 15:14
 45.43238, -75.65013
 393 McArthur Ave., Ottawa, ON K1L 6N5



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GRASS AND VEGETATION COVERAGE ON THE
 SUBJECT PROPERTY

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FIGURE J11



Gemtec
 64819.22 - 383 McArthur
 Gravel cover on site
 2022.05.18 15:13
 45.43229 - 75.6502
 389 McArthur Ave., Ottawa, ON K1L 6N5



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GRAVEL COVERAGE ON THE SUBJECT
 PROPERTY

Project	PHASE ONE ESA 393 MCARTHUR AVENUE, OTTAWA, ON	Project No.	64819.22	FIGURE J12



Gemtec
 64819.22 - 383 McArthur
 South east facing from center
 2022.05.18 15:06
 45.43255, -75.65021
 393 McArthur Ave., Ottawa, ON K1L 6N5



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SOUTH-EAST FACING VIEW OF THE SUBJECT PROPERTY. MONITORING WELL ON EAST SIDE OF THE SUBJECT PROPERTY WITH TWO EMPTY, RUSTED DRUMS VISIBLE ALONG THE EAST PROPERTY LINE

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FIGURE J13



Gemtec
 64819.22 - 383 McArthur
 South facing from center
 2022-05-18 15:07
 45.43255 -75.65021
 393 McArthur Ave., Ottawa, ON K1L 6N5



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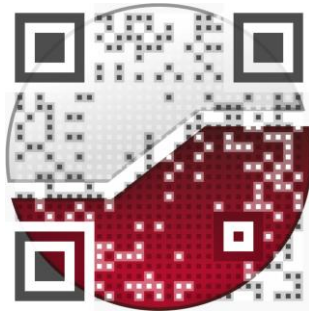
SOUTH FACING VIEW ACROSS THE SUBJECT
 PROPERTY. MONITORING WELL ON WEST
 PORTION OF SUBJECT PROPERTY WITH ONE
 EMPTY, RUSTED DRUM.

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 393 MCARTHUR AVENUE, OTTAWA, ON

Project No.
 64819.22

FIGURE J14

experience • knowledge • integrity



civil	civil
geotechnical	géotechnique
environmental	environnementale
field services	surveillance de chantier
materials testing	service de laboratoire des matériaux

expérience • connaissance • intégrité

